Simple Order API Fields

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A Visa Solution

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acquirerMerchantNumber

Identifier that was assigned to you by your acquirer.

This value must be printed on the receipt.

This field is supported only for Cybersource integrations.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: processorInformation.merchantNumber**
- **SCMP API Field: acquirer_merchant_number**
- **Simple Order API Field: acquirerMerchantNumber**

additionalData

Additional information about a decline.

This field is returned only for .

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: processorInformation.responseDetails**
- **SCMP API Field: additional_data**
- **Simple Order API Field: additionalData**

additionalProcessorResponse

Processor-defined response category code.

This field is returned only for:

- Japanese issuers
- Domestic transactions in Japan
- Credit Mutuel-CIC—the value returned in this field is a processor transaction ID required for troubleshooting. The associated detail error code is in the **ccAuthReply_processorResponse** field or the **ccAuthReversalReply_processorResponse** field, depending on which service you requested.

Specifications

- Credit Mutuel-CIC:
  - **Field Type:** Response
  - **Data Type:** String
  - **Data Length:** 36
- All other processors:
  - **Field Type:** Response
  - **Data Type:** Integer
  - **Data Length:** 3

Mapping Information

- **REST API Field: processorInformation.responseCategoryCode**
- **SCMP API Field: additional_processor_response**
- **Simple Order API Field: additionalProcessorResponse**

aft_foreignExchangeFee

Fee the issuer charges when the recipient's currency is not the same as the sender's currency. When this fee is charged, the grand total amount must include the fee.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- REST API Field: **orderInformation.amountDetails.foreignExchangeFee**
- SCMP API Field: **aft_foreign_exchange_fee**
- Simple Order API Field: **aft_foreignExchangeFee**

aft_indicator

Indicates whether the transaction is an AFT transaction.

Barclays

This field is required for Visa card transactions that use the Payouts AFT services.

Chase Paymentech Solutions

This field is required for Mastercard and Visa card transactions that use the Payouts AFT services.

Possible values:

- `true`: This is an AFT transaction.
- `false` (default): This is not an AFT transaction.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- REST API Field: **processingInformation.authorizationOptions.aftIndicator**
- SCMP API Field: **aft_indicator**
- Simple Order API Field: **aft_indicator**

aft_serviceFee

Fee you are charging for the transaction. When this fee is charged, the grand total amount must include the fee.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- REST API Field: **orderInformation.amountDetails.serviceFeeAmount**
- SCMP API Field: **aft_service_fee**
- Simple Order API Field: **aft_serviceFee**

agreement_id

Unique ID generated by the merchant for recurring and unscheduled card-on-file transactions, and shared in subsequent transactions.

This API field is required for all unscheduled card-on-file and recurring subsequent transactions from Saudi Arabia merchants. The merchant generates an agreement ID for each card holder or payment agreement. This field can contain foreign/arabic character set. Cybersource forwards this value to the Saudi payment processor.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 140

Mapping Information

- **REST API Field: authorizationOptions.initiator.merchantInitiatedTransaction.agreementId**
- **SCMP API Fields: agreement_id**
- **Simple Order API Fields: agreementID**

airlineData_customerCode

Code assigned by carrier to a corporation or business entity to identify corporate rates or discounts.

Specifications

- **Data Type:** String
- **Data Length:** 17

Mapping Information

- **REST API Field: travelInformation.transit.airline.customerCode**
- **SCMP API Field: airline_customer_code**
- **Simple Order API Field: airlineData_customerCode**

airlineData_agentName

Name of travel agency issuing the ticket.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Travel Agency Name

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: travelinformation.agency.name**
- **SCMP API Field: airline_agent_name**
- **Simple Order API Field: airlineData_agentName**

airlineData_arrivalDate

Date of final arrival after completion of all legs of travel.

Applicable only for Discover Family cards when using FDC Nashville Global.

Format:

- FDC Nashville Global: `MMDDYY`
- All other processors: `MMDDYYYY`

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - FDC Nashville Global: 6
  - All other processors: 8

Mapping Information

- **REST API Field:travelInformation.transit.airline.arrivalDate**
- **SCMP API Field:airline_arrival_date**
- **Simple Order API Field:airlineData_arrivalDate**

airlineData_documentType

Travel package code for indicating whether the package includes a car rental, airline flight, both, or neither.

Applicable to Amex only.

FDC Nashville Global possible value:

- `A`: Airline flight reservation included.

Possible values for all other processors:

- `A`: Airline flight reservation included.
- `B`: Both car rental and airline flight reservations included.
- `C`: Car rental reservation included.
- `N`: Unknown.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Travel Package Indicator

Services

- **Authorization:** Required
- **Capture:** Required

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: travelInformation.transit.airline.documentType**
- **SCMP API Field: airline_document_type**
- **Simple Order API Field: airlineData_documentType**

airlineData_exchangeTicketAmount

Amount of the exchanged ticket.

Services

- **Authorization:** Optional
- **Capture:** Optional
- **Credit:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** Numerical
- **Data Length:**
  - FDC Nashville Global: 15
  - All other processors: 12

Mapping Information

- **REST API Field:airline.exchangeTicketAmount.**
- **travelInformation.transit[].exchangeTicketAmount**
- **SCMP API Field: airline_exchange_ticket_amount**
- **Simple Order API Field: airlineData_exchangeTicketAmount**

airlineData_exchangeTicketFee

Fee amount for changing the destination or departure time of the original ticket.

Services

- **Authorization:** Optional
- **Capture:** Optional
- **Credit**: Optional

Specifications

- **Field Type:** Request
- **Data Type:** Numerical
- **Data Length:** 12

Mapping Information

- **REST API Field: airline.exchangeTicketFeeAmount**
- **travelInformation.transit.airline.exchangeTicketFeeAmount**
- **SCMP API Field: airline_exchange_ticket_fee**
- **Simple Order API Field: airlineData_exchangeTicketFee**

airlineData_leg_#_arrivalTime

Arrival time for a leg of a trip.

Format: `HHMM`

Possible values for hours (`HH`) range from `00` to `24`.

Possible values for minutes (`MM`) range from `01` to `59`.

Default value is `0000`.

Card-specific Requirements

- Discover: required field.
- Mastercard: required field for Level III corporate card processing; otherwise, optional.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Arrival Time

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].arrivalTime**
- **SCMP API Field: airline_leg#_arrival_time**
- **Simple Order API Field: airlineData_leg_#_arrivalTime**

airlineData_leg_#_arrivalTimeSegment

Indicates whether arrival time for a segment of a trip occurs during AM or PM.

Possible values:

- `A`: 12:00 AM — 11:59 AM
- `P`: 12:00 PM — 11:59 PM
- Value may also be a space.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Arrival Time Segment

Card-Specific Requirements

- Discover: Required field.
- Mastercard: Required field for Level III corporate card processing; otherwise, optional.

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].arrivalTimeMeridian**
- **SCMP API Field: airline_leg#_arrival_time_segment**
- **Simple Order API Field: airlineData_leg_#_arrivalTimeSegment**

airlineData_leg_#_carrierCode

Standard code for the airline or railway carrier for a leg of the trip. Required for each leg.

Payer Authentication services only use the first leg of the trip.

International Air Transport Association (IATA) code is obtained from the Official Airline Guide or its equivalent.

Card-Specific Requirements

- American Express: Applicable field if available.
- Discover: Mandatory field.
- Mastercard: Cannot contain zeros.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Carrier Code

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].carrierCode**
- **SCMP API Field: airline_leg#_carrier_code**
- **Simple Order API Field: airlineData_leg_#_carrierCode**

airlineData_leg_#_class

Service type for trip, such as coach or first-class. Required for reduced interchange.

Mandatory for Discover.

Applicable to American Express if available.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Service Class

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].class**
- **SCMP API Field: airline_leg#_class**
- **Simple Order API Field: airlineData_leg_#_class**

airlineData_leg_#_conjunctionTicket

Ticket that contains additional coupons on an itinerary that is more than four segments.

Required for Discover.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Conjunction Ticket

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 14

Mapping Information

- **REST API Field: airline.legs[].conjunctionTicket**
- **SCMP API Field: airline_leg#_conjunction_ticket**
- **Simple Order API Field: airlineData_leg_#_conjunctionTicket**

airlineData_leg_#_couponNumber

Coupon number identifying a specific leg of travel within a ticket.

A ticket may consist of multiple legs of travel. Each leg requires its own unique coupon number.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Coupon Number

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].couponNumber**
- **SCMP API Field: airline_leg#_coupon_number**
- **Simple Order API Field: airlineData_leg_#_couponNumber**

airlineData_leg_#_departureDate

Departure date for the first leg of the trip. May also be referred to as effective date.

Format: `yyyyMMDD`.

Mandatory for Discover.

American Express recommends using this field.

Payer Authentication

The numbered element name should contain `0` instead of `#`. Payer Authentication services only use the first leg of the trip.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 8

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].departureDate**
- **SCMP API Field: airline_leg#_leg_departure_date**
- **Simple Order API Field: airlineData_leg_#_departureDate**

airlineData_leg_#_departureTime

Departure time for a leg of a trip.

Format: `HHMM`

Possible values for hours (`HH`) range from `00` to `24`.

Possible values for minutes (`MM`) range from `01` to `59`.

Default value is `0000`.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Departure Time

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].departureTime**
- **SCMP API Field: airline_leg#_departure_time**
- **Simple Order API Field: airlineData_leg_#_departureTime**

airlineData_leg_#_departureTimeSegment

Indicates whether departure time for a segment of a trip occurs during AM or PM.

Possible values:

- `A`: 12:00 AM — 11:59 AM
- `P`: 12:00 PM — 11:59 PM
- Value may also be a space.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Arrival Time Segment

Card-Specific Requirements

- Discover: Required field.
- Mastercard: Required field for Level III corporate card processing; otherwise, optional.

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].departureTimeMeridian**
- **SCMP API Field: airline_leg#_departure_time_segment**
- **Simple Order API Field: airlineData_leg_#_departureTimeSegment**

airlineData_leg_#_destination

International Air Transport Association (IATA) code for the destination airport for this leg of trip.

Required for reduced interchange.

Payer Authentication

Payer Authentication services only use the first leg of the trip.

Card-Specific Requirements

- Discover: Mandatory field.
- Mastercard: Value cannot consist of only zeroes or spaces.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].destinationAirportCode**
- **SCMP API Field: airline_leg#_destination**
- **Simple Order API Field: airlineData_leg_#_destination**

airlineData_leg_#_endorsementsRestrictions

Notations of an endorsement or restriction for a leg of a trip.

Endorsements can be notations added by the travel agency, including mandatory government required notations, such as value added tax.

Restrictions are limitations for the ticket based on fare type, such as nonrefundable tickets.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global:
  - Endorsements
  - Restrictions

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].endorsementsRestrictions**
- **SCMP API Field: airline_leg#_endorsements_restrictions**
- **Simple Order API Field: airlineData_leg_#_endorsementsRestrictions**

airlineData_leg_#_exchangeTicket

New ticket number issued when a ticket is exchanged.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Exchange ticket

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].exchangeTicketNumber**
- **SCMP API Field: airline_leg#_exchange_ticket**
- **Simple Order API Field: airlineData_leg_#_exchangeTicket**

airlineData_leg_#_fare

Ticket amount for a leg of a trip.

Card-specific Requirements:

- Discover: required field.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Fare

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - FDC Nashville Global: 11
  - All other processors: 15

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].totalFareAmount**
- **SCMP API Field: airline_leg#_fare**
- **Simple Order API Field: airlineData_leg_#_fare**

airlineData_leg_#_fareBasis

Code assigned by carrier to indicate ticket type, such as business class, discounted, or non-refundable.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Ticket Type

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - FDC Nashville Global: 15
  - All other processors: 6

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].fareBasis**
- **SCMP API Field: airline_leg#_fare_basis**
- **Simple Order API Field: airlineData_leg_#_fareBasis**

airlineData_leg_#_fee

Fee amount for a leg of a trip, such as an airport fee or country fee.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Fee

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - FDC Nashville Global: 9
  - All other processors: 12

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].feeAmount**
- **SCMP API Field: airline_leg#_fee**
- **Simple Order API Field: airlineData_leg_#_fee**

airlineData_leg_#_flightNumber

Flight number for a leg of a trip. Number assigned by operating or marketing carrier.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Flight Number

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - FDC Nashville Global: 5
  - All other processors: 6

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].flightNumber**
- **SCMP API Field: airline_leg#_flight_number**
- **Simple Order API Field: airlineData_leg_#_flightNumber**

airlineData_leg_#_stopoverCode

Code indicating a non-direct flight or route on the same ticket number.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Stop Over Code

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].stopoverIndicator**
- **SCMP API Field: airline_leg#_stopover_code**
- **Simple Order API Field: airlineData_leg_#_stopoverCode**

airlineData_leg_#_tax

Tax amount for a leg of a trip.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Taxes

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 9

Mapping Information

- **REST API Field: airlineData_leg_#_tax**
- **SCMP API Field: airline_leg#_tax**
- **Simple Order API Field: travelInformation.transit.airline.legs[].taxAmount**

airlineData_passenger_#_firstName

First name of the passenger to whom the ticket was issued.

If there are multiple passengers, include all listed on the ticket. Do not include special characters such as commas, hyphens, or apostrophes. Only ASCII characters are supported.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: travelInformation.passengers.firstName**
- **SCMP API Field: airline_passenger#_firstname**
- **Simple Order API Field: airlineData_passenger_#_firstName**

airlineData_passenger_#_lastName

Last name of the passenger to whom the ticket was issued.

If there are multiple passengers, include all listed on the ticket. Do not include special characters such as commas, hyphens, or apostrophes. Only ASCII characters are supported.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: travelInformation.passengers.lastName**
- **SCMP API Field: airline_passenger#_lastname**
- **Simple Order API Field: airlineData_passenger_#_lastName**

airlineData_passengerName

Name of the person the ticket was issued to.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Passenger Name

Services

- **Authorization:** Required
- **Capture:** Required

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: airline.passengerName**
- **travelInformation.transit.airline.passengerName**
- **SCMP API Field: airline_passenger_name**
- **Simple Order API Field: airlineData_passengerName**

airlineData_planNumber

Plan number based on fare that is supplied by the carrier.

Services

- **Authorization:** Optional
- **Capture:** Optional
- **Credit:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: airline.planNumber**
- **travelInformation.transit.airline.planNumber**
- **SCMP API Field: airline_plan_number**
- **Simple Order API Field: airlineData_planNumber**

airlineData_ticketIssueDate

Date the ticket was issued to customer. Mandatory for Discover.

If information is not available, use spaces.

Format:

- `YYYYMMDD`

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Ticket Issuer Amount

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Request Level:** Request
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: airline.ticketIssueDate**
- **travelInformation.transit.airline.ticketIssueDate**
- **SCMP API Field: airline_ticket_issue_date**
- **Simple Order API Field: airlineData_ticketIssueDate**

airlineData_ticketIssuerAddress

Address of the agency issuing the ticket.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Ticket Issuer Amount

Services

- **Authorization:** Required
- **Capture:** Required

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 16

Mapping Information

- **REST API Field: airline.ticket_issuer.address**
- **travelInformation.transit.airline.ticketIssuer.address**
- **SCMP API Field: airline_ticket_issuer_address**
- **Simple Order API Field: airlineData_ticketIssuerAddress**

airlineData_ticketUpdateIndicator

Indicates type of update to a ticket.

Possible values:

- `C`: Change to existing ticket.
- `N`: New ticket.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Ticket Change Indicator

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: travelInformation.transit.airline.ticketChangeIndicator**
- **SCMP API Field: airline_ticket_update_indicator**
- **Simple Order API Field: airlineData_ticketUpdateIndicator**

airlineData_leg_#_originatingAirportCode

International Air Transport Association (IATA) code for originating airport for the first leg of the trip.

Required for reduced interchange.

Card-Specific Requirements

- Discover: Mandatory field.
- Mastercard: Value cannot have all zeroes or spaces.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: travelInformation.transit.airline.legs[].originatingAirportCode**
- **SCMP API Field: airline_leg#_originating_airport_code**
- **Simple Order API Field: airlineData_leg_#_originatingAirportCode**

ancillaryData_connectedTicketNumber

Airline ticket number connected to ancillary purchase.

If purchase has connection or relation to another purchase, such as a baggage fee for a passenger transport ticket, this field must contain the ticket number for the other purchase.

For stand-alone purchases, the value for this field must be the same value used for the `ancillaryData_ticketNumber` field.

> **Important:** This field is required in the US to qualify for either Custom Payment Service (CPS) or Electronic Interchange Reimbursement Fee (EIRF) program.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Issued in Connection with Ticket Number

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: travelInformation.transit.airline.ancillaryInformation.connectedTicketNumber**
- **SCMP API Field: ancillary_connected_ticket_number**
- **Simple Order API Field: ancillaryData_connectedTicketNumber**

ancillaryData_creditReasonIndicator

Indicates reason for credit to cardholder.

Possible Values:

- `A`: Passenger transport ancillary fee cancellation
- `B`: Airline ticket and passenger transport ancillary fee cancellation
- `C`: Airline ticket cancellation
- `O`: Other
- `P`: Partial refund of airline ticket
- `Space`: Not used

Services

- **Credit:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: travelInformation.transit.airline.ancillaryInformation.creditReasonIndicator**
- **SCMP API Field: ancillary_credit_reason_indicator**
- **Simple Order API Field: ancillaryData_creditReasonIndicator**

ancillaryData_passengerName

Passenger name or the cardholder name if the passenger is unavailable. If neither names are available, this value is a description of the ancillary purchase.

> **Important:** This field is required in the US, intraregional Visa Europe, and domestic Visa Europe, to qualify for either Custom Payment Service (CPS) or Electronic Interchange Reimbursement Fee (EIRF) program.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Passenger Name

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field: travelInformation.transit.airline.ancillaryInformation.passengerName**
- **SCMP API Field: ancillary_passenger_name**
- **Simple Order API Field: ancillaryData_passengerName**

ancillaryData_service_#_categoryCode

Category code for ancillary service provided. Obtain the codes from the International Air Transport Association (IATA).

Replace the `#` character with a sequential number from `0` to `3`.

> **Important:** This field is required in the US to qualify for either Custom Payment Service (CPS) or Electronic Interchange Reimbursement Fee (EIRF) program.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Ancillary Service Category 1

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: travelInformation.transit.airline.ancillaryInformation.service[].categoryCode**
- **SCMP API Field: ancillary_service#_category_code**
- **Simple Order API Field: ancillaryData_service_#_categoryCode**

ancillaryData_service_#_subcategoryCode

Subcategory code for the ancillary service category. Obtain codes from the International Air Transport Association (IATA).

Replace the `#` character with a sequential number from `0` to `3`.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global:
  - Ancillary Service SubCategory 1
  - Ancillary Service SubCategory 2
  - Ancillary Service SubCategory 3
  - Ancillary Service SubCategory 4

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: travelInformation.transit.airline.ancillaryInformation.service[].subCategoryCode**
- **SCMP API Field: ancillary_service#_subcategory_code**
- **Simple Order API Field: ancillaryData_service_#_subcategoryCode**

ancillaryData_ticketNumber

Ticket number, which consists of carrier code, form, and serial number, without the check digit.

> **Important:** This field is required in the US to qualify for either Custom Payment Service (CPS) or Electronic Interchange Reimbursement Fee (EIRF) program.

Processor Field Names:

Processor-specific field names for each processor supporting this field:

- FDC Nashville Global: Ancillary Ticket Document Number

Services

- **Authorization:** Optional
- **Capture:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: travelInformation.transit.airline.ancillaryInformation.ticketNumber**
- **SCMP API Field: ancillary_ticket_number**
- **Simple Order API Field: ancillaryData_ticketNumber**

ap_apiKey

PSP merchant API key.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: clientReferenceInformation.apiKey**
- **SCMP API Field: ap_api_key**
- **Simple Order API Field: ap_apiKey**

ap_appUrl

App URL used by Korea Cyber Payment (KCP) to wake up the merchant app after payment processing.

Only alphanumeric characters are accepted.

Format: `{a-z}://`

Services

- **Sale:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 512

Mapping Information

- **REST API Field: deviceInformation.appUrl**
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: ap_appUrl**

ap_billingAgreementID

Identifier for the billing agreement.

This API field is required when checking the status of a billing agreement.

Set to the value returned in the **apReply_billingAgreementID** field.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: agreementInformation.agreementId**
- **SCMP API Field: ap_billing_agreement_id**
- **Simple Order API Field: ap_billingAgreementID**

apAuthReply_processorTransactionID

Processor transaction ID.

This value is a unique identifier for the transaction.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_auth_processor_trans_id**
- **Simple Order API Field: apAuthReply_processorTransactionID**

apAuthReply_reasonCode

Numeric value that corresponds to the result of the authorization request.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: apAuthReply_reasonCode**

apAuthReversalReply_reasonCode

Numeric value that corresponds to the result of the authorization reversal request.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: apAuthReversalReply_reasonCode**

apCaptureReply_reasonCode

Numeric value that corresponds to the result of the capture request.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: apCaptureReply_reasonCode**

apCheckStatusReply_reasonCode

Numeric value that corresponds to the result of the check status request.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: apCheckStatusReply_reasonCode**

apOptionsReply_reasonCode

Numeric value that corresponds to the result of the options request.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: apOptionsReply_reasonCode**

apRefundReply_reasonCode

Numeric value that corresponds to the result of the refund request.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: apRefundReply_reasonCode**

apSaleReply_processorTransactionID

Processor transaction ID.

This value is a unique identifier for the transaction.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_sale_processor_trans_id**
- **Simple Order API Field: apSaleReply_processorTransactionID**

apSaleReply_reasonCode

Numeric value that corresponds to the result of the sale request.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: apSaleReply_reasonCode**

apAuthReply_amount

Authorized amount.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_auth_amount**
- **Simple Order API Field: apAuthReply_amount**

apAuthReply_dateTime

Date and time when the service was requested.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_auth_date_time**
- **Simple Order API Field: apAuthReply_dateTime**

apAuthReply_merchantURL

The alternative payment service provider URL.

Direct the customer to this URL after the transaction is completed.

Service

- **Alternative Payment Authorization**

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2048

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_auth_merchant_url**
- **Simple Order API Field: apAuthReply_merchantURL**

apAuthReply_paymentStatus

Payment authorization status.

Possible value:

- `AUTHORIZED`: Payment successfully authorized.
- `PENDING`: Request received and waiting to be processed.
- `FAILED`: Request failed.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_auth_payment_status**
- **Simple Order API Field: apAuthReply_paymentStatus**

apAuthReply_processorResponse

Code from the alternative payment processor that describes why the authorization is pending or failed.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_auth_processor_response**
- **Simple Order API Field: apAuthReply_processorResponse**

apAuthReply_reconciliationID

Reference number for the transaction.

You can use this value to reconcile Cybersource reports with processor reports.

This value is not returned for all processors.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 60

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_auth_trans_ref_no**
- **Simple Order API Field: apAuthReply_reconciliationID**

apAuthReply_responseCode

Response code from the processor.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_auth_response_code**
- **Simple Order API Field: apAuthReply_responseCode**

apAuthReversalReply_amount

Authorized amount.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_auth_reversal_amount**
- **Simple Order API Field: apAuthReversalReply_amount**

apAuthReversalReply_dateTime

Date and time when the service was requested.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_auth_reversal_date_time**
- **Simple Order API Field: apAuthReversalReply_dateTime**

apAuthReversalReply_paymentStatus

Authorization reversal status returned from the payment processor.

Possible values:

- `Auth-reversed`: Authorization reversal successfully processed.
- `Failed`: Authorization reversal failed.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_auth_reversalpayment_status**
- **Simple Order API Field: apAuthReversalReply_paymentStatus**

apAuthReversalReply_processorResponse

Code from the alternative payment processor that describes why the authorization reversal is pending or failed.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_auth_reversal_processor_response**
- **Simple Order API Field: apAuthReversalReply_processorResponse**

apAuthReversalReply_reconciliationID

Reference number for the transaction.

You can use this value to reconcile Cybersource reports with processor reports.

This value is not returned for all processors.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 60

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_auth_reversal_trans_ref_no**
- **Simple Order API Field: apAuthReversalReply_reconciliationID**

apAuthReversalReply_responseCode

Response code from the processor.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_auth_reversal_response_code**
- **Simple Order API Field: apAuthReversalReply_responseCode**

apAuthReversalService_authRequestID

Request ID of the authorization for which you are requesting this service.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_auth_request_id**
- **Simple Order API Fields:**
  - **apAuthReversalService_authRequestID**
  - **apCaptureService_authRequestID**

apAuthReversalService_run

Flag that specifies whether to include the authorization reversal service in the request.

Possible values:

- `true`: Include the authorization reversal service in the request.
- `false` (default): Do not include the authorization reversal service in the request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: apAuthReversalService_run**

apAuthService_cancelURL

URL to which the customer is directed after cancelling the payment.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_auth_cancel_url**
- **Simple Order API Field: apAuthService_cancelURL**

apAuthService_failureURL

URL to which the customer is directed after a payment fails.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_auth_failure_url**
- **Simple Order API Field: apAuthService_failureURL**

apAuthService_run

Flag that specifies whether to include the authorization service in the request.

Possible values:

- `true`: Include the authorization service in the request.
- `false` (default): Do not include the authorization service in the request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: apAuthService_run**

apAuthService_successURL

URL to which the customer is directed after completing the payment.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_auth_success_url**
- **Simple Order API Field: apAuthService_successURL**

apCaptureReply_amount

Authorized amount.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_capture_amount**
- **Simple Order API Field: apCaptureReply_amount**

apCaptureReply_paymentStatus

Capture status returned from the payment processor.

Possible values:

- `Pending`: Request received and waiting to be processed.
- `Settled`: Capture successfully processed.
- `Failed`: Capture failed.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_capture_payment_status**
- **Simple Order API Field: apCaptureReply_paymentStatus**

apCaptureReply_processorResponse

Code from the alternative payment processor that describes why the capture is pending or failed.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_capture_processor_response**
- **Simple Order API Field: apCaptureReply_processorResponse**

apCaptureReply_reconciliationID

Reference number for the transaction.

You can use this value to reconcile Cybersource reports with processor reports.

This value is not returned for all processors.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 60

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_capture_trans_ref_no**
- **Simple Order API Field: apCaptureReply_reconciliationID**

apCaptureReply_responseCode

Response code from the processor.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_capture_response_code**
- **Simple Order API Field: apCaptureReply_responseCode**

apCaptureService_authRequestID

Request ID of the authorization for which you are requesting this service.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_auth_request_id**
- **Simple Order API Fields:**
  - **apAuthReversalService_authRequestID**
  - **apCaptureService_authRequestID**

apCaptureService_run

Flag that specifies whether to include the capture service in the request.

Possible values:

- `true`: Include the capture service in the request.
- `false` (default): Do not include the capture service in the request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** *No corresponding field*
- **SCMP API Field:** *No corresponding field*
- **Simple Order API Field: apCaptureService_run**

apCheckStatusReply_paymentStatus

Payment status returned from the payment processor.

Possible values:

- `Pending`: Request received and waiting to be processed.
- `Settled`: Payment successfully processed.
- `Failed`: Payment failed.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_check_status_payment_status**
- **Simple Order API Field: apCheckStatusReply_paymentStatus**

apCheckStatusReply_processorResponse

Code from the alternative payment processor that describes why the request is pending or failed.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_check_status_processor_response**
- **Simple Order API Field: apCheckStatusReply_processorResponse**

apCheckStatusReply_processorTransactionID

Transaction ID number generated by Korea Cyber Payment (KCP).

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 14

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: ap_check_status_processor_transaction_id**
- **Simple Order API Field: apCheckStatusReply_processorTransactionID**

apCheckStatusReply_reconciliationID

Reference number for the transaction.

You can use this value to reconcile Cybersource reports with processor reports.

This value is not returned for all processors.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 60

Mapping Information

- **REST API Field: clientReferenceInformation.reconciliationId**
- **SCMP API Field: ap_check_status_trans_ref_no**
- **Simple Order API Field: apCheckStatusReply_reconciliationID**

apCheckStatusService_apInitiateRequestID

Identifier returned from the initiate payment service request.

Services

- **Check Status:** Required
- **Refund:** Required

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field:** No corresponding field. The service is requested with the `{id}` value in these endpoints:
  - Check Status: `https://api.cybersource.com/v2/status/{id}/refresh`
  - Refund: `https://api.cybersource.com/v2/captures/{id}/refunds`
- **SCMP API Field: ap_initiate_request_id**
- **Simple Order API Field:**
  - Check Status: **apCheckStatusService_apInitiateRequestID**
  - Refund: **apRefundService_apInitiateRequestID**

apCheckStatusService_checkStatusRequestID

Request ID of the authorization, authorization reversal, capture, sale, or credit service for which you are requesting the check status service.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_check_status_request_id**
- **Simple Order API Field: apCheckStatusService_checkStatusRequestID**

apCheckStatusService_run

Flag that specifies whether to include the check status service in the request.

Possible values:

- `true`: Include the check status service in the request.
- `false`: Do not include the check status service in the request. Default value.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field. The service is requested with the endpoint: `https://api.cybersource.com/v2/status/{id}/refresh`
- **SCMP API Field and Value: ics_applications**`=ics_ap_check_status`
- **Simple Order API Field: apCheckStatusService_run**

apInitiateReply_merchantURL

Redirect URL to the Korea Cyber Payment (KCP) plug-in. The URL has encrypted data that contains a unique reference ID and payment details for the order.

> **Important:** Some browsers restrict browser URL lengths, so the customer should be redirected to this URL using the code described in.

Services

- **Sale**

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** Encrypted

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: ap_initiate_merchant_url**
- **Simple Order API Field: apInitiateReply_merchantURL**

apInitiateReply_reasonCode

Numeric value corresponding to the result of the `apInitiateService_run` request.

Services

- **Sale**

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: apInitiateReply_reasonCode**

apInitiateReply_reconciliationID or apInitiateService_reconciliationID

Reference number for the transaction.

> **Important:** For most Cybersource services, the response message includes a unique reconciliation ID that is assigned by Cybersource. For most payment processors, you can use this value to reconcile the transactions in your Cybersource reports with the transactions in your processor reports.
>
> For details, such as specific field names and information about processors that do not support reconciliation, see the implementation guide or developer guide for the payment method you are using.

Services

- **Sale**

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 32

Mapping Information

- **REST API Field: clientReferenceInformation.reconciliationId**
- **SCMP API Field: ap_initiate_trans_ref_no**
- **Simple Order API Field:**
  - **apInitiateReply_reconciliationID**
  - **apInitiateService_reconciliationID**

apInitiateService_cancelURL

URL the customer is redirected to after cancelling a payment.

Make a GET request to this URL.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: merchantInformation.cancelUrl**
- **SCMP API Field: ap_initiate_cancel_url**
- **Simple Order API Field: apInitiateService_cancelURL**

apInitiateService_escrowAgreement

Indicates whether to use the customer's escrow agreement.

The escrow agreement can be used only if the transaction is greater than or equal to 50,000 KRW. You must enter the shipping details in the KCP administration panel for escrow payments.

Primarily used for real estate transactions.

> **Important:** Available only for bank transfer payments.

Possible values:

- `true`: Use the customer's escrow agreement.
- `false`: Do not use the customer's escrow agreement.

Services

- **Authorization:** Required

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.enableEscrowOption**
- **SCMP API Field: ap_initiate_escrow_agreement**
- **Simple Order API Field: apInitiateService_escrowAgreement**

apInitiateService_failureURL

URL the customer is directed to after a payment fails.

Make a GET request to this URL.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: merchantInformation.failureUrl**
- **SCMP API Field: ap_initiate_failure_url**
- **Simple Order API Field: apInitiateService_failureURL**

apInitiateService_intent

Reason for payment when using an alternative payment method.

For example: `Charity`

Services

- **Sale:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: paymentInformation.intent**
- **SCMP API Field: ap_initiate_intent**
- **Simple Order API Field: apInitiateService_intent**

apInitiateService_languageInterface

Language indicator for Korea Cyber Payment (KCP) services.

Possible values:

- `EN`: English
- `Korean`: Korean (default)

Services

- **Authorization:** Required

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: buyerInformation.language**
- **SCMP API Field: ap_initiate_language_interface**
- **Simple Order API Field: apInitiateService_languageInterface**

apInitiateService_productDescription

Detailed description of item.

Services

- **Initiate Sale:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 65

Mapping Information

- **REST API Field: orderInformation.lineItems.productDescription**
- **SCMP API Field: ap_initiate_product_description**
- **Simple Order API Field: apInitiateService_productDescription**

apInitiateService_productName

Product offered to the customer.

Services

- **Authorization:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 30

Mapping Information

- **REST API Field: orderInformation.lineItems.productName**
- **SCMP API Field: ap_initiate_product_name**
- **Simple Order API Field: apInitiateService_productName**

apInitiateService_returnURL

URL of the web page to which the customer is directed when the transaction is completed.

This URL overrides the return URL that was specified during merchant boarding.

Services

- **Authorization:** Required

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 256

Mapping Information

- **REST API Field: merchantInformation.returnUrl**
- **SCMP API Field: ap_initiate_return_url**
- **Simple Order API Field: apInitiateService_returnURL**

apInitiateService_run

Flag that specifies whether to include the initiate sale service in the request.

Possible values:

- `true`: Include the service in your request.
- `false`: Do not include the service in your request. Default value.

Services

- **Initiate Sale:** Required

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field. The service is requested with the endpoint: `https://api.cybersource.com/pts/v2/payments`
- **SCMP API Field and Value: ics_applications**`=ics_ap_initiate`
- **Simple Order API Field: apInitiateService_run**

apInitiateService_successURL

URL the customer is directed to after completing a payment.

Make a GET request to this URL.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: merchantInformation.successUrl**
- **SCMP API Field: ap_initiate_success_url**
- **Simple Order API Field: apInitiateService_successURL**

apOptionsReply_count

The number of options requested from the processor.

Possible values: `1-250`

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 3

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_options_count**
- **Simple Order API Field: apOptionsReply_count**

apOptionsReply_offset

Offset from the first item in the list of options received from the processor.

If you want to display the options in multiple lists, this number represents the first option displayed in each list. Possible values: `0-9999`

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 4

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_options_offset**
- **Simple Order API Field: apOptionsReply_offset**

apOptionsReply_option_#_id

Unique identifier associated with the option name.

Example:

```
option0=id:1^name:Currency
option1=id:2^name:USD
option2=id:3^name:Minimum Amount
option3=id:4^name:1.00
option4=id:5^name:Maximum Amount
option5=id:6^name:1000.00
```

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 34

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_option#id**
- **Simple Order API Field: apOptionsReply_option_#_id**

apOptionsReply_option_#_name

Name associated with the option ID.

Example:

```
option0=id:1^name:Currency
option1=id:2^name:USD
option2=id:3^name:Minimum Amount
option3=id:4^name:1.00
option4=id:5^name:Maximum Amount
option5=id:6^name:1000.00
```

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_option#name**
- **Simple Order API Field: apOptionsReply_option_#_name**

apOptionsReply_responseCode

Response code from the processor.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_options_response_code**
- **Simple Order API Field: apOptionsReply_responseCode**

apOptionsReply_totalCount

The total number of options requested from the processor.

Possible values: `1-100000`

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 6

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_options_total_count**
- **Simple Order API Field: apOptionsReply_totalCount**

apOptionsService_limit

The maximum number of options to be retrieved from the processor and displayed to the consumer. Possible values: `1-250`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_options_limit**
- **Simple Order API Field: apOptionsService_limit**

apOptionsService_offset (Request)

Offset from the first item in the list of options received from the processor.

If you want to display the options in multiple lists, this number represents the first option displayed in each list. Possible values: `0-9999`

For example:

```
<apOptionsService>
   <limit>10</limit>
   <offset>0</offset>
</apOptionsService>
```

The example values display 10 options to the customer, starting with the first item on the list received from the processor.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_options_offset**
- **Simple Order API Field: apOptionsService_offset**

apOptionsService_run

Flag that specifies whether to include the capture service in the request.

Possible values:

- `true`: Include the capture service in the request.
- `false` (default): Do not include the capture service in the request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** *No corresponding field*
- **SCMP API Field:** *No corresponding field*
- **Simple Order API Field: apOptionsService_run**

apPaymentType

Three-digit value that indicates the payment type.

Possible values:

- `ACC`: Credit card payment.
- `AFP`: Afterpay and Clearpay.
- `KKP`: KakaoPay.
- `LPY`: LINE Pay.
- `MBP`: Mobile billing payment.
- `NVP`: Naver Pay.
- `PPY`: PayPay.
- `PYC`: Payco.
- `RBT`: Real-time bank transfer.
- `RPY`: Rakuten Pay.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: paymentInformation.paymentType.method.name**
- **SCMP API Field: ap_payment_type**
- **Simple Order API Field: apPaymentType**

apRefundReply_amount

Authorized amount.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_refund_amount**
- **Simple Order API Field: apRefundReply_amount**

apRefundReply_dateTime

Date and time when the service was requested.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_refund_date_time**
- **Simple Order API Field: apRefundReply_dateTime**

apRefundReply_paymentStatus

Refund status returned from the payment processor.

Possible values:

- `Pending`: Request received and waiting to be processed.
- `Refunded`: Refund successfully processed.
- `Failed`: Refund failed.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_refund_payment_status**
- **Simple Order API Field: apRefundReply_paymentStatus**

apRefundReply_processorResponse

Code from the alternative payment processor that describes why the refund is pending or failed.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_refund_processor_response**
- **Simple Order API Field: apRefundReply_processorResponse**

apRefundReply_processorTransactionID

Transaction ID number generated by Korea Cyber Payment (KCP).

Services

- **Refund**

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 14

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: ap_refund_processor_transaction_id**
- **Simple Order API Field: apRefundReply_processorTransactionID**

apRefundReply_reconciliationID

Reference number for the transaction.

You can use this value to reconcile Cybersource reports with processor reports.

This value is not returned for all processors.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 60

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_refund_trans_ref_no**
- **Simple Order API Field: apRefundReply_reconciliationID**

apRefundReply_responseCode

Response code from the processor.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_refund_response_code**
- **Simple Order API Field: apRefundReply_responseCode**

apRefundReply_returnRef

Reference for the refund.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 32

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_refund_return_ref**
- **Simple Order API Field: apRefundReply_returnRef**

apRefundReply_transactionID

Transaction identifier (TID) that is used to identify and track a transaction throughout its existence.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_refund_transaction_id**
- **Simple Order API Field: apRefundReply_transactionID**

apRefundService_apInitiateRequestID

Identifier returned from the initiate payment service request.

Services

- **Check Status:** Required
- **Refund:** Required

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field:** No corresponding field. The service is requested with the `{id}` value in these endpoints:
  - Check Status: `https://api.cybersource.com/v2/status/{id}/refresh`
  - Refund: `https://api.cybersource.com/v2/captures/{id}/refunds`
- **SCMP API Field: ap_initiate_request_id**
- **Simple Order API Field:**
  - Check Status: **apCheckStatusService_apInitiateRequestID**
  - Refund: **apRefundService_apInitiateRequestID**

ap_refund_reason

Reason for the refund.

Services

- **Refund:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 256

Mapping Information

- **REST API Field: processingInformation.refundOptions.reason**
- **SCMP API Field: ap_refund_reason**
- **Simple Order API Field: apRefundService_reason**

apRefundService_refundRequestID

Request ID of the sale or capture for which you are requesting the credit service.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_refund_request_id**
- **Simple Order API Field: apRefundService_refundRequestID**

apRefundService_run

Flag that specifies whether to include the credit service in a request.

Possible values:

- `true`: Include the credit service in the request.
- `false`: Do not include the credit service in the request. Default value.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field. The service is requested with the endpoint: `https://api.cybersource.com/pts/v2/payments/{id}/refunds`
- **SCMP API Field and Value: ics_applications**`=ics_ap_refund`
- **Simple Order API Field: apRefundService_run**

apReply_sellerProtection_eligibility

Indicates whether customer has seller protection enabled.

Possible values:

- `true`
- `false`

Services

- **Sale:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** Boolean
- **Data Length:** 5

Mapping Information

- **REST API Field: processorInformation.sellerProtection.eligibility**
- **SCMP API Field: ap_seller_protection_eligibility**
- **Simple Order API Field: apReply_sellerProtection_eligibility**

apSaleReply_amount

Authorized amount.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_sale_amount**
- **Simple Order API Field: apSaleReply_amount**

apSaleReply_merchantURL

The alternative payment service provider URL.

Direct the customer to this URL after the transaction is completed.

Service

- **Alternative Payment Sale**

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2048

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_sale_merchant_url**
- **Simple Order API Field: apSaleReply_merchantURL**

apSaleReply_paymentStatus

Sale status returned from the payment processor.

Possible values:

- `Pending`: Request received and waiting to be processed.
- `Settled`: Sale successfully processed.
- `Failed`: Sale failed.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_sale_payment_status**
- **Simple Order API Field: apSaleReply_paymentStatus**

apSaleReply_processorResponse

Code from the alternative payment processor that describes why the sale is pending or failed.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_sale_processor_response**
- **Simple Order API Field: apSaleReply_processorResponse**

apSaleReply_reconciliationID

Reference number for the transaction.

You can use this value to reconcile Cybersource reports with processor reports.

This value is not returned for all processors.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 60

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_sale_trans_ref_no**
- **Simple Order API Field: apSaleReply_reconciliationID**

apSaleReply_responseCode

Response code from the processor.

Service

- **Alternative Payment Sale**

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** To be released soon.
- **SCMP API Field: ap_sale_response_code**
- **Simple Order API Field: apSaleReply_responseCode**

apSaleService_cancelURL

URL to which the customer is directed after cancelling the payment.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_sale_cancel_url**
- **Simple Order API Field: apSaleService_cancelURL**

apSaleService_failureURL

URL to which the customer is directed after a payment fails.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_sale_failure_url**
- **Simple Order API Field: apSaleService_failureURL**

apSaleService_run

Flag that specifies whether to include the credit service in a request.

Possible values:

- `true`: Include the credit service in the request.
- `false` (default): Do not include the credit service in the request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Endpoint:** `https://api.cybersource.com/v2/payments`
- **SCMP API Field and Value: ics_applications=ics_ap_sale**
- **Simple Order API Field: apSaleService_run**

apSaleService_successURL

URL to which the customer is directed after completing the payment.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field:** To be released soon
- **SCMP API Field: ap_sale_success_url**
- **Simple Order API Field: apSaleService_successURL**

authIndicator (Request)

Purpose of the authorization.

Possible values:

- `0`: Preauthorization.
- `1`: Final authorization.

To set the default for this field, contact customer support.

Barclays and Elavon

The default for Barclays and Elavon is `1` (final authorization). To change the default for this field, contact customer support.

Visa Platform Connect

When the value for this field is `0`, it corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR0
- Position: 164
- Field: Additional Authorization Indicators

When the value for this field is `1`, it does not correspond to any data in the TC 33 capture file.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.authIndicator**
- **SCMP API Field: auth_indicator**
- **Simple Order API Field: authIndicator**

authIndicator (Response)

Type of authorization that was performed.

This field is not returned for unmarked authorizations. Some processors that support the final authorization indicator do not send this field.

Possible values for all processors except Visa Platform Connect:

- 0: Preauthorization.
- 1: Final authorization.

Visa Platform Connect

Possible value for Visa transactions:

- 0: Authorization for an estimated amount.

Possible values for Mastercard transactions:

- 0: Preauthorization.
- 1: Final authorization.
- 2: Undefined authorization.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processorInformation.authIndicator**
- **SCMP API Field: auth_indicator**
- **Simple Order API Field: authIndicator**

balanceInquiry

Flag that specifies whether to return balance information.

Possible values:

- `true`: Return balance information.
- `false`: Do not return balance information.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.balanceInquiry**
- **SCMP API Field: balance_inquiry**
- **Simple Order API Field: balanceInquiry**

billTo_passportCountry

Issuing country for the cardholder's passport.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 3

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: customer_passport_country**
- **Simple Order API Field: billTo_passportCountry**

billPaymentType

Reason for the payment.

Possible values:

- `001`: Utility payment.
- `002`: Government services.
- `003`: Mobile phone top-up.
- `004`: Coupon payment.
- `005`: Installment-based repayment.

This field is supported only for bill payments in Brazil with Mastercard on Visa Platform Connect.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR0
- Position: 48-50
- Field: Bill Payment Transaction Type Identifier

Visa is implementing several changes to support the processing of Mastercard transactions through the Authorization Gateway Service.

Mastercard is implementing a new transaction type identifier to be submitted in the authorization request message by an installment provider that is not the merchant selling a good or service to the cardholder.

Such installment providers must populate the existing API **bill_payment_type** with the value of `005` (installment-based repayment).

Important: Acquirers that support an installment provider that is not the merchant selling a good or service to the cardholder must support the transaction type identifier in CP 01, TCR 6, positions 154-156.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.billPaymentType**
- **SCMP API Field: bill_payment_type**
- **Simple Order API Field: billPaymentType**

billTo_buildingNumber

Building number in the street address.

For example, for the street address Rua da Quitanda 187, set this field to the building number `187`.

This field is supported only for these services and processor connections:

- Boleto Bancário payments on Comercio Latino.
- Transactions on Cielo.
- Installment payments using Visa Platform Connect for Mastercard payment cards issued in Brazil.

Comercio Latino

If a building number is not sent, Comercio Latino rejects the payment request. If the building number is not available, enter the number `0`.

Cybersource Latin American Processing

Cybersource Latin American Processing is the name of a specific processing connection. *Cybersource Latin American Processing* does not refer to the general topic of processing in Latin America. The information in this field description, or in this section of the field description, is for the specific processing connection called Cybersource Latin American Processing. It is not for any other Latin American processors.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 256

Mapping Information

- **REST API Field: orderInformation.billTo.buildingNumber**
- **SCMP API Field: bill_building_number**
- **Simple Order API Field: billTo_buildingNumber**

billTo_company

Name of the customer's company.

Visa Platform Connect

Credit card networks cannot process transactions that contain non-ASCII characters. Visa Platform Connect accepts and stores non-ASCII characters correctly and displays them correctly in reports. However, the limitations of the payment card networks prevent Visa Platform Connect from transmitting non-ASCII characters to the payment card networks. Therefore, Visa Platform Connect replaces non-ASCII characters with meaningless ASCII characters for transmission to the payment card networks.

Specifications

American Express Direct and Ingenico ePayments processors:

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40

Moneris processor:

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 50

Visa Platform Connect processor:

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: orderInformation.billTo.company**
- **SCMP API Field: company_name**
- **Simple Order API Field: billTo_company**

billTo_companyCity

City in the address of the company purchasing the product.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** string
- **Data Length:** 30

Mapping Information

- REST API Field: **orderInformation.billTo.company.city**
- SCMP API Field: **company_city**
- Simple Order API Field: **billTo_companyCity**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

billTo_companyCountry

Two-digit ISO standard code for the country in the address of the company purchasing the product.

For more information on ISO standard country codes, see ISO Standard Country Codes.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- REST API Field: **orderInformation.billTo.company.country**
- SCMP API Field: **company_country**
- Simple Order API Field: **billTo_companyCountry**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

billTo_ companyPostalCode

Postal code in the address of the company purchasing the product.

For U.S. transactions, the postal code must consist of the 5 digit or 9 digit format:

- 5-digit zip format: 12345
- 9-digit zip+ format: 12345-6789

For Canadian transactions, the postal code must use the 6-digit postal code format:

- 6-digit format: A1B 2C3

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- REST API Field: **orderInformation.billTo.company.postalCode**
- SCMP API Field: **company_zip**
- Simple Order API Field: **billTo_companyPostalCode**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

billTo_companyState

State or province in the address of the company purchasing the product.

For US and Canadian transactions, use the standard two digit state / province codes.

For more information, see State, Province, and Territory Codes for the United States and Canada.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- REST API Field: **orderInformation.billTo.company.state**
- SCMP API Field: **company_state**
- Simple Order API Field: **billTo_companyState**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

billTo_companyStreet1

First line in the street address of the company purchasing the product.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40

Mapping Information

- REST API Field: **orderInformation.billTo.company.address1**
- SCMP API Field: **company_address1**
- Simple Order API Field: **billTo_companyStreet1**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

billTo_companyStreet2

Additional address information for the company purchasing the product.

Example: Attention: Accounts Payable

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** string
- **Data Length:** 40

Mapping Information

- REST API Field: **orderInformation.billTo.company.address2**
- SCMP API Field: **company_address2**
- Simple Order API Field: **billTo_companyStreet2**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

billTo_companyTaxID

Tax identifier for the customer's company.

This field is supported only for these kinds of payments on Visa Platform Connect:

- BNDES transactions
- Installment payments with Mastercard

Set the value for this field to the Cadastro Nacional da Pessoa Jurídica (CNPJ). The request must include this field or **billTo_personalID** . When a request includes both fields, the value for the **billTo_personalID** field is sent to the processor and the **billTo_companyTaxID** field is ignored.

For BNDES transactions, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR6
- Position: 26-39
- Field: Buyer ID

For installment payments with Mastercard in Brazil, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR4
- Position: 26-39
- Field: Buyer ID

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 9

Mapping Information

- **REST API Field: buyerInformation.companyTaxId**
- **SCMP API Field: bill_company_tax_id**
- **Simple Order API Field: billTo_companyTaxID**

billTo_customerID

Your identifier for the customer.

Credit Mutuel-CIC

For recurring payments in Mexico, the value for this field is the customer's contract number.

Before you request the authorization, you must inform the issuer about the customer contract numbers that will be used for recurring transactions.

Ingenico ePayments

The value for this field cannot include spaces.

Prosa

For recurring payments in Mexico, the value for this field is the customer's contract number.

Worldpay VAP

For a follow-on credit, Cybersource checks the following locations, in the order given, for a customer account ID value and uses the first value it finds:

1. **billTo_customerID** value in the follow-on credit request.
2. **billTo_customerID** value that was used for the capture that is being credited.
3. **billTo_customerID** value that was used for the original authorization.

If a customer account ID value cannot be found in any of these locations, then no value is used.

Specifications

- Credit Mutuel-CIC, BNP Paribas France, Banque de France et Tresor Public:
  - **Field Type:** Request
  - **Data Type:** String
  - **Data Length:** 20
- Ingenico ePayments:

    - **Field Type:** Request
    - **Data Type:** String
    - **Data Length:** 15
- Prosa:
    - **Field Type:** Request
    - **Data Type:** String
    - **Data Length:** 20
- All other processors:
    - **Field Type:** Request
    - **Data Type:** String
    - **Data Length:** 100

  When a subscription or customer profile is being created, the maximum length for this field for most processors is 30. Otherwise, the maximum length is 100.

Mapping Information

- **REST API Field: buyerInformation.merchantCustomerId**
- **SCMP API Field: customer_account_id**
- **Simple Order API Field: billTo_customerID**

billTo_district

Customer's neighborhood, community, or region (a barrio in Brazil) within the city or municipality.

This field is supported only for these services and processor connections:

- Transactions on Cielo.
- Boleto Bancário payments on Comercio Latino.

Comercio Latino

If the district information is not available, specify the text string `district`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: orderInformation.billTo.district**
- **SCMP API Field: bill_district**
- **Simple Order API Field: billTo_district**

billTo_hostname

DNS resolved hostname from **billTo_ipAddress**.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: deviceInformation.hostName**
- **SCMP API Field: customer_hostname**
- **Simple Order API Field: billTo_hostname**

billTo_ipAddress

Customer's IP address.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 45

Mapping Information

- **REST API Field: deviceInformation.ipAddress**
- **SCMP API Field: customer_ipaddress**
- **Simple Order API Field: billTo_ipAddress**

billTo_merchantTaxID

Your tax ID number.

Cielo

This field is supported for aggregator authorizations.

Getnet

This field is supported for aggregator authorizations. All characters must be numbers.

Rede

This field is supported for aggregator authorizations.

Software Express

This field is supported for aggregator authorizations.

This field is supported for these kinds of payments:

- Authorizations with Mastercard in Argentina, Chile, and Paraguay. The value for this field corresponds to the following data in the TC 33 capture file:
    - Record: CP01 TCR8
    - Position: 110-124
    - Field: Merchant Tax ID
- BNDES transactions in Brazil. The value for this field is your Cadastro Nacional da Pessoa Jurídica (CNPJ) number. The value for this field corresponds to the following data in the TC 33 capture file:
    - Record: CP07 TCR6
    - Position: 40-59
    - Field: BNDES Reference Field 1
- Installment payments with Mastercard in Croatia. The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 79-98
- Field: Mastercard Croatia Domestic Card Acceptor Tax ID

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: merchantInformation.taxId**
- **SCMP API Field: bill_merchant_tax_id**
- **Simple Order API Field: billTo_merchantTaxID**

billTo_address3

Cardholder's billing address.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: paymentInformation.orderInformation.billTo.address3**
- **SCMP API Field: bill_address3**
- **Simple Order API Field: billTo_street3**

billTo_street4

Fourth line of the cardholder's billing address.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: paymentInformation.orderInformation.billTo.address4**
- **SCMP API Field: bill_address4**
- **Simple Order API Field: billTo_street4**

billTo_city

City in the billing address.

Visa Platform Connect

Credit card networks cannot process transactions that contain non-ASCII characters. Visa Platform Connect accepts and stores non-ASCII characters correctly and displays them correctly in reports. However, the limitations of the payment card networks prevent Visa Platform Connect from transmitting non-ASCII characters to the payment card networks. Therefore, Visa Platform Connect replaces non-ASCII characters with meaningless ASCII characters for transmission to the payment card networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: orderInformation.billTo.locality**
- **SCMP API Field: bill_city**
- **Simple Order API Field: billTo_city**

billTo_country

Country in the billing address.

Use two-character ISO Standard Country Codes.

Tax Calculation Service

- **U.S and Canadian Tax**: Required
- **International Tax and Value-Added Tax (VAT)**: Required

Visa Platform Connect

Credit card networks cannot process transactions that contain non-ASCII characters. Visa Platform Connect accepts and stores non-ASCII characters correctly and displays them correctly in reports. However, the limitations of the payment card networks prevent Visa Platform Connect from transmitting non-ASCII characters to the payment card networks. Therefore, Visa Platform Connect replaces non-ASCII characters with meaningless ASCII characters for transmission to the payment card networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.billTo.country**
- **SCMP API Field: bill_country**
- **Simple Order API Field: billTo_country**

billto_customerAccountChangeDate

Date the cardholder's account was last changed.

This includes changes to the billing or shipping address, new payment accounts or new users added. This field can contain one of these values:

- `-1`: Guest account
- `0`: Changed during this transaction

If neither applies, enter the date in yyyyMMDD format.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 8

Mapping Information

- **REST API Field: riskInformation.buyerHistory.customerAccount.lastChangeDate**
- **SCMP API Field: customer_account_change_date**
- **Simple Order API Field: billTo_customerAccountChangeDate**

billTo_customerAccountCreateDate

Date the cardholder opened the account.

This field can contain one of these values:

- `-1`: Guest account
- `0`: Opened during this transaction

If neither applies, enter the date in yyyyMMDD format.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 8

Mapping Information

- **REST API Field: riskInformation.buyerHistory.customerAccount.createDate**
- **SCMP API Field: customer_account_create_date**
- **Simple Order API Field: billTo_customerAccountCreateDate**

billTo_customerAccountPasswordChangeDate

Date the cardholder last changed or reset password on account.

This field can contain one of these values:

- `-1`: Guest account
- `0`: Changed during this transaction

If neither applies, enter the date in yyyyMMDD format.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 8

Mapping Information

- **REST API Field: riskInformation.buyerHistory.customerAccount.passwordChangeDate**
- **SCMP API Field: customer_account_password_change_date**
- **Simple Order API Field: billTo_customerAccountPasswordChangeDate**

billTo_email

Customer's email address, including full domain name.

Format: name@host.domain

Visa Platform Connect

Credit card networks cannot process transactions that contain non-ASCII characters. Visa Platform Connect accepts and stores non-ASCII characters correctly and displays them correctly in reports. However, the limitations of the payment card networks prevent Visa Platform Connect from transmitting non-ASCII characters to the payment card networks. Therefore, Visa Platform Connect replaces non-ASCII characters with meaningless ASCII characters for transmission to the payment card networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: orderInformation.billTo.email**
- **SCMP API Field: customer_email**
- **Simple Order API Field: billTo_email**

billTo_firstName

Customer name.

Value should match value on card.

Cybersource Latin American Processing

> **Important:**
>
> For an authorization request, Cybersource Latin American Processing concatenates **billTo_firstName** and **billTo_lastName** . If the concatenated value exceeds 30 characters, Cybersource Latin American Processing declines the authorization request.
>
> Cybersource Latin American Processing is the name of a specific processing connection. *Cybersource Latin American Processing* does not refer to the general topic of processing in Latin America. The information in this field description, or in this section of the field description, is for the specific processing connection called Cybersource Latin American Processing. It is not for any other Latin American processors.

Visa Platform Connect

Credit card networks cannot process transactions that contain non-ASCII characters. Visa Platform Connect accepts and stores non-ASCII characters correctly and displays them correctly in reports. However, the limitations of the payment card networks prevent Visa Platform Connect from transmitting non-ASCII characters to the payment card networks. Therefore, Visa Platform Connect replaces non-ASCII characters with meaningless ASCII characters for transmission to the payment card networks.

Specifications

- **Cybersource Latin American Processing**
  - **Field Type:** Request
  - **Data Type:** String
  - **Data Length:** See field description
- **Worldpay VAP**

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: orderInformation.billTo.firstName**
- **SCMP API Field: customer_firstname**
- **Simple Order API Field: billTo_firstName**

billTo_httpBrowserJavaEnabled

Indicates the ability of the cardholder browser to execute Java.

The value is returned from the navigator.javaEnabled property. This field can contain one of these values:

- `true`
- `false`

Specifications

- **Field Type:** Request
- **Data Type:** Boolean

Mapping Information

- **REST API Field: deviceInformation.httpBrowserJavaEnabled**
- **SCMP API Field: http_browser_java_enabled**
- **Simple Order API Field: billTo_httpBrowserJavaEnabled**

billTo_httpBrowserLanguage

Indicates the browser language as defined in IETF BCP47.

Example `en-US`

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: deviceInformation.httpBrowserLanguage**
- **SCMP API Field: http_browser_language**
- **Simple Order API Field: billTo_httpBrowserLanguage**

billTo_httpBrowserColorDepth

Indicates the bit depth of the color palette for displaying images, in bits per pixel.

Example 24

Specifications

- **Field Type:** Request

Mapping Information

- **REST API Field: deviceInformation.httpBrowserColorDepth**
- **SCMP API Field: http_browser_color_depth**
- **Simple Order API Field: billTo_httpBrowserColorDepth**

billTo_httpBrowserJavaScriptEnabled

Indicates the ability of the cardholder browser to execute JavaScript.

This value is available from the fingerprint details of the cardholder's browser. This field can contain one of these values:

- `true`
- `false`

Specifications

- **Field Type:** Request
- **Data Type:** Boolean

Mapping Information

- **REST API Field: deviceInformation.httpBrowserJavaScriptEnabled**
- **SCMP API Field: http_browser_javascript_enabled**
- **Simple Order API Field: billTo_httpBrowserJavaScriptEnabled**

billTo_httpBrowserScreenHeight

Total height of the cardholder's screen in pixels.

Example 864

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: deviceInformation.httpBrowserScreenHeight**
- **SCMP API Field: http_browser_screen_height**
- **Simple Order API Field: billTo_httpBrowserScreenHeight**

billTo_httpBrowserScreenWidth

Total width of the cardholder's screen in pixels.

Example `1536`

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: deviceInformation.httpBrowserScreenWidth**
- **SCMP API Field: http_browser_screen_width**
- **Simple Order API Field: billTo_httpBrowserScreenWidth**

billTo_httpBrowserTimeDifference

Time difference between UTC time and the cardholder browser local time, in minutes.

Example `300`

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: deviceInformation.httpBrowserTimeDifference**
- **SCMP API Field: http_browser_time_difference**
- **Simple Order API Field: billTo_httpBrowserTimeDifference**

billTo_httpBrowserType

Customer's browser as identified from the HTTP header data.

Example:

`Mozilla` is the value that identifies the Netscape browser.

`Chrome` is the value that identifies the Google Chrome browser.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40

Mapping Information

- **REST API Field: deviceInformation.userAgent**
- **SCMP API Field: http_browser_type**
- **Simple Order API Field: billTo_httpBrowserType**

billTo_lastName

Customer's last name.

Value should match value on card.

Cybersource Latin American Processing

Important:

For an authorization request, Cybersource Latin American Processing concatenates **billTo_firstName** and **billTo_lastName** . If the concatenated value exceeds 30 characters, Cybersource Latin American Processing declines the authorization request.

Cybersource Latin American Processing is the name of a specific processing connection. *Cybersource Latin American Processing* does not refer to the general topic of processing in Latin America. The information in this field description, or in this section of the field description, is for the specific processing connection called Cybersource Latin American Processing. It is not for any other Latin American processors.

Specifications

- **Cybersource Latin American Processing:**
  - **Field Type:** Request
  - **Data Type:** String
  - **Data Length:** See field description
- **Worldpay VAP:**
  - **Field Type:** Request
  - **Data Type:** String
  - **Data Length:** 25

Mapping Information

- **REST API Field: orderInformation.billTo.lastName**
- **SCMP API Field: customer_lastname**
- **Simple Order API Field: billTo_lastName**

billTo_passportNumber

Cardholder's passport number.

Specifications

- **Field Type:** Request
- **Data Type:**String
- **Data Length:** 40

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: customer_passport_number**
- **Simple Order API Field: billTo_passportNumber**

billTo_personalID

Identifier for the customer.

This field is supported only for these services and processor connections:

- Boleto Bancário payments on Comercio Latino.
- Redecard customer validation on Cybersource Latin American Processing.
- BNDES transactions using Visa Platform Connect.
- Installment payments using Visa Platform Connect for Mastercard payment cards issued in Brazil.

Comercio Latino

Set this field to one of these identification numbers, with any dots, dashes, or slashes omitted:

- An identification number assigned by the Cadastro de Pessoas Fisicas (CPF). For example, set 172.002.658-01 to `17200265801`.
- An identification number assigned by the Cadastro Nacional de Pessoas Jurídicas (CNPJ). For example, set 31.551.765/0001-43 to `31551765000143`.

If the CPF is invalid, Comercio Latino rejects the payment request. If necessary, you can generate a test CPF or CNPJ value by using an online tool, such as the one available from 4Devs at https://www.4devs.com.br/gerador_de_cpf.

Cybersource Latin American Processing

Set this field to an identification number from the Cadastro de Pessoas Fisicas (CPF), which is required for AVS for Redecard in Brazil.

Cybersource Latin American Processing is the name of a specific processing connection. *Cybersource Latin American Processing* does not refer to the general topic of processing in Latin America. The information in this field description, or in this section of the field description, is for the specific processing connection called Cybersource Latin American Processing. It is not for any other Latin American processors.

Visa Platform Connect

Set this field to an identification number from the Cadastro de Pessoas Fisicas (CPF). The request must include this field or **billTo_companyTaxID**.

For BNDES transactions, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR2
- Position: 7-21
- Field: Cardholder Tax ID

For installment payments with Mastercard in Brazil, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR4
- Position: 26-39
- Field: Buyer ID

GPX

Set this field to an identification number from the Cadastro de Pessoas Fisicas (CPF). The request must include this field or **billTo_companyTaxID**.

For BNDES transactions, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR2
- Position: 7-21
- Field: Cardholder Tax ID

For installment payments with Mastercard in Brazil, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR4
- Position: 26-39
- Field: Buyer ID

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field: buyerInformation.personalIdentification[].id**
- **SCMP API Field: personal_id**
- **Simple Order API Field: billTo_personalID**

billTo_phoneNumber

Customer's phone number.

Include the country code when the order is from outside the U.S.

Visa Platform Connect

Credit card networks cannot process transactions that contain non-ASCII characters. Visa Platform Connect accepts and stores non-ASCII characters correctly and displays them correctly in reports. However, the limitations of the payment card networks prevent Visa Platform Connect from transmitting non-ASCII characters to the payment card networks. Therefore, Visa Platform Connect replaces non-ASCII characters with meaningless ASCII characters for transmission to the payment card networks.

For installment payments with Mastercard in Brazil, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR4
- Position: 40-50
- Field: Buyer Phone Number

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant’s acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Visa Platform Connect for Installment Payments with Mastercard in Brazil:**
  - **Field Type:** Request
  - **Type:** String
  - **Length:** 11
- **Other Processors:**
  - **Field Type:** Request
  - **Type:** String
  - **Length:** 15

Mapping Information

- **REST API Field: orderInformation.billTo.phoneNumber**
- **SCMP API Field: customer_phone**
- **Simple Order API Field: billTo_phoneNumber**

billTo_postalCode

Postal code in the billing address.

The postal code must consist of five to nine digits.

When the billing country is the U.S., the nine-digit postal code must follow this format: [5 digits][dash][4 digits].

Example: 12345-6789

When the billing country is Canada, the six-digit postal code must follow this format: [alpha][numeric][alpha][space][numeric][alpha][numeric]

Example: A1B 2C3

American Express Direct

Before the postal code is sent to the processor, all non-alphanumeric characters are removed, and if the remaining value is longer than nine characters, the value is truncated starting from the right side.

Visa Platform Connect

Credit card networks cannot process transactions that contain non-ASCII characters. Visa Platform Connect accepts and stores non-ASCII characters correctly and displays them correctly in reports. However, the limitations of the payment card networks prevent Visa Platform Connect from transmitting non-ASCII characters to the payment card networks. Therefore, Visa Platform Connect replaces non-ASCII characters with meaningless ASCII characters for transmission to the payment card networks.

Specifications

- **Comercio Latino**
  - **Field Type:** Request
  - **Data Type:** String
  - **Data Length:** 9
- **Visa Platform Connect**
  - **Field Type:** Request
  - **Data Type:** String
  - **Data Length:** 9

Mapping Information

- **REST API Field: orderInformation.billTo.postalCode**
- **SCMP API Field: bill_zip**
- **Simple Order API Field: billTo_postalCode**

billTo_state

State or province in the billing address.

For the U.S., Canada, and Mainland China, use the ISO 3166-2 format for two-character state, province, or territory codes. For the U.S. and Canada, see State, Province, and Territory Codes for the United States and Canada.

For all countries, use the ISO 3166-2 format when using this field for Payer Authentication.

Visa Platform Connect

Credit card networks cannot process transactions that contain non-ASCII characters. Visa Platform Connect accepts and stores non-ASCII characters correctly and displays them correctly in reports. However, the limitations of the payment card networks prevent Visa Platform Connect from transmitting non-ASCII characters to the payment card networks. Therefore, Visa Platform Connect replaces non-ASCII characters with meaningless ASCII characters for transmission to the payment card networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.billTo.administrativeArea**
- **SCMP API Field: bill_state**
- **Simple Order API Field: billTo_state**

billTo_street1

First line of the billing street address as it appears in the payment card issuer records.

FDMS Nashville

When the street name is numeric, it must be sent in numeric format. For example, if the address is *One First Street*, it must be sent as *1 1st Street*.

Visa Platform Connect

> **Important:**
>
> When you populate billing street address 1 and billing street address 2, Visa Platform Connect concatenates the two values. When the concatenated value exceeds 40 characters, Visa Platform Connect truncates the value at 40 characters before sending it to Visa and the issuing bank. Truncating this value affects AVS results and therefore might also affect risk decisions and charge backs.

Credit card networks cannot process transactions that contain non-ASCII characters. Visa Platform Connect accepts and stores non-ASCII characters correctly and displays them correctly in reports. However, the limitation of the payment card networks prevents Visa Platform Connect from transmitting non-ASCII characters to the payment card networks. Therefore, Visa Platform Connect replaces non-ASCII characters with meaningless ASCII characters for transmission to the payment card networks.

Specifications

- **Chase Paymentech Solutions**:
  - **Field Type:** Request
  - **Data Type:** String
  - **Data Length:** 20
- **Moneris**:
  - **Field Type:** Request
  - **Data Type:** String
  - **Data Length:** 50
- **Visa Platform Connect**:

    - **Field Type:** Request
    - **Data Type:** String
    - **Data Length:** 40
- **Worldpay VAP**:
    - **Field Type:** Request
    - **Data Type:** String
    - **Data Length:** 35

Mapping Information

- **REST API Field: orderInformation.billTo.address1**
- **SCMP API Field: bill_address1**
- **Simple Order API Field: billTo_street1**

billTo_street2

Additional address information.

Example: Attention: Accounts Payable

Chase Paymentech Solutions, FDC Compass, and TSYS Acquiring Solutions

This value is used for AVS.

FDMS Nashville

The billing address 1 and billing address 2 fields together cannot exceed 20 characters.

Visa Platform Connect

> **Important:**
>
> When you populate billing street address 1 and billing street address 2, Visa Platform Connect concatenates the two values. When the concatenated value exceeds 40 characters, Visa Platform Connect truncates the value at 40 characters before sending it to Visa and the issuing bank. Truncating this value affects AVS results and therefore might also affect risk decisions and charge backs.

Credit card networks cannot process transactions that contain non-ASCII characters. Visa Platform Connect accepts and stores non-ASCII characters correctly and displays them correctly in reports. However, the limitation of the payment card networks prevents Visa Platform Connect from transmitting non-ASCII characters to the payment card networks. Therefore, Visa Platform Connect replaces non-ASCII characters with meaningless ASCII characters for transmission to the payment card networks.

Specifications

- **Chase Paymentech Solutions:**
  - **Field Type:** Request
  - **Data Type:** String
  - **Data Length:** 20
- **Moneris**

    - **Field Type:** Request
    - **Data Type:** String
    - **Data Length:** 50
- **Visa Platform Connect**
    - **Field Type:** Request
    - **Data Type:** String
    - **Data Length:** 40
- **Worldpay VAP**
    - **Field Type:** Request
    - **Data Type:** String
    - **Data Length:** 35

Mapping Information

- **REST API Field: orderInformation.billTo.address2**
- **SCMP API Field: bill_address2**
- **Simple Order API Field: billTo_street2**

businessRules_declineAVSFlags

List of AVS codes that cause the request to be declined for AVS reasons.

Use a space to separate the values in the list.

> **Important:** To receive declines for the AVS code N, include the value `N` in the list.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.declineAvsFlags**
- **SCMP API Field: decline_avs_flags**
- **Simple Order API Field: businessRules_declineAVSFlags**

businessRules_ignoreDAVResult

Enables other applications to continue processing the request if the **ics_dav** service cannot verify the address.

This field can contain one of the following values:

- `yes`: Ignore the results of address verification and continue to process the request.
- `no`: (default) If the **ics_dav** service cannot verify the address, stop processing the request.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: ignore_dav_result**
- **Simple Order API Field: businessRules_ignoreDAVResult**

businessRules_ignoreAVSResult

Flag for a sale request that specifies whether to allow the capture service to run even when the authorization receives an AVS decline.

An AVS decline is indicated by a reason code value of `200`.

Possible values:

- `true`: Ignore the results of AVS checking, and run the capture service.
- `false` (default): If the authorization receives an AVS decline, do not run the capture service.

When the value of this field is `true`, the list in the **businessRules_declineAVSFlags** field is ignored.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.ignoreAvsResult**
- **SCMP API Field: ignore_avs**
- **Simple Order API Field: businessRules_ignoreAVSResult**

businessRules_ignoreCVResult

Flag for a sale request that specifies whether to allow the capture service to run even when the authorization receives a CVN decline.

A CVN decline is indicated by the **ccAuthReply_cvCode** value of `D` or `N`.

Possible values:

- `true`: Ignore the results of CVN checking, and run the capture service.
- `false` (default): If the authorization receives a CVN decline, do not run the capture service.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.ignoreCvResult**
- **SCMP API Field: ignore_bad_cv**
- **Simple Order API Field: businessRules_ignoreCVResult**

card_accountEncoderID

Identifier for the issuing bank that provided the customer's encoded account number.

This field is supported only on Chase Paymentech Solutions. Contact the processor to obtain the bank's ID.

Related information: Encoded Account Numbers section in the Credit Card Services Optional Features Supplement

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: paymentInformation.card.accountEncoderId**
- **SCMP API Field: account_encoder_id**
- **Simple Order API Field: card_accountEncoderID**

card_accountNumber

Payment card number or network token.

Chase Paymentech Solutions

When processing encoded account numbers, use this field for the encoded account number.

Specifications

- **FDMS Nashville (Card-Present Transactions only):**
  - **Field Type:** Request
  - **Data Type:** String with numbers only
  - **Data Length:** 19

Mapping Information

- **REST API Field: paymentInformation.card.number**
- **SCMP API Field: customer_cc_number**
- **Simple Order API Field: card_accountNumber**

card_expirationMonth

Two-digit month in which the payment card expires.

Format: MM

Possible values: `01` through `12`. Leading `0` is required.

Barclays and Streamline

For Maestro (UK Domestic and International) cards, this value must be valid (01 through 12) but is not required to be a valid expiration date. In other words, an expiration date that is in the past does not cause Cybersource to reject a request. However, an invalid expiration date might cause the issuer to reject a request.

Chase Paymentech Solutions

For encoded account numbers (**card_cardType**=`039`), set the value for this field to `12` if the card does not provide an expiration date.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Fields:**
  - **paymentInformation.card.expirationMonth**
  - **paymentInformation.tokenizedCard.expirationMonth**
- **SCMP API Field: customer_cc_expmo**
- **Simple Order API Field: card_expirationMonth**

card_expirationYear

Four-digit year in which the payment card expires.

Format: yyyy

Barclays

For Maestro (UK Domestic and International) cards on Barclays and Streamline, this value must be valid (1900 through 3000) but is not required to be a valid expiration date. In other words, an expiration date that is in the past does not cause Cybersource to reject a request. However, an invalid expiration date might cause the issuer to reject a request.

Streamline

For Maestro (UK Domestic and International) cards on Barclays and Streamline, this value must be valid (1900 through 3000) but is not required to be a valid expiration date. In other words, an expiration date that is in the past does not cause Cybersource to reject a request. However, an invalid expiration date might cause the issuer to reject a request.

Chase Paymentech Solutions

For encoded account numbers (**card_cardType**=`039`), set the value for this field to `2021` if the card does not provide an expiration date.

FDC Nashville Global

You can provide two digits or four digits. When you provide two digits, they must be the last two digits of the year.

FDMS South

You can provide two digits or four digits. When you provide two digits, they must be the last two digits of the year.

Specifications

- **FDC Nashville Global**: You can provide two digits or four digits. When you provide two digits, they must be the last two digits of the year.
- **FDMS South**: You can provide two digits or four digits. When you provide two digits, they must be the last two digits of the year.

Mapping Information

- **REST API Fields:**
  - **paymentInformation.card.expirationYear**
  - **paymentInformation.tokenizedCard.expirationYear**
- **SCMP API Field: customer_cc_expyr**
- **Simple Order API Field: card_expirationYear**

card_cardType (Response)

Three-digit value that indicates the card type.

All cards from the issuers below are supported along with Visa and Mastercard.

- BC
- Hana
- Hyundai
- KB Kookmin
- Lotte
- NH Nonghyup
- Samsung
- Shinhan

Possible Values

Each processor and acquirer supports some of the following card types. No processor or acquirer supports all card types.

`001`: **Visa**

For all processors except Ingenico ePayments and SIX, the Visa Electron card type is processed the same way that the Visa debit card is processed. Use card type value `001` for Visa Electron.

`002`: **Mastercard and Eurocard**

For Eurocard, which is the European regional brand of Mastercard, you must include the card type field in a request for an authorization or stand-alone credit.

`003`: **American Express**

`004`: **Discover**

`005`: **Diners Club**

`006`: **Carte Blanche**

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`007`: **JCB**

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`014`: EnRoute

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`021`: JAL

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`024`: Maestro (UK Domestic)

`031`: Delta

Delta. Use this value only for Ingenico ePayments. For other processors, use `001` for all Visa card types. For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`033`: Visa Electron

Use this value only for Ingenico ePayments and SIX. For other processors, use `001` for all Visa card types. For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`034`: Dankort

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`036`: Cartes Bancaires

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`037`: Carta Si

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`039`: Encoded account number

This value is supported only on Chase Paymentech Solutions. For this value, you must include the card type field in a request for an authorization or stand-alone credit.

`040`: UATP

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`042`: Maestro (International)

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`050`: Hipercard

For this card type on 3.0, , or , you must include the card type field in a request for an authorization or stand-alone credit. This card type is not supported on 1.5.

`051`: Aura

`054`: Elo

For this card type on or , you must include the card type field in a request for an authorization or stand-alone credit.

`058`: **Carnet**

`059`: **ValueLink**

`060`: **MADA**

Required when accepting MADA cards with ApplePay.

`061`: **RuPay**

`062`: **China UnionPay**

`066`: **Banricompras**

Cybersource Integrations

This field is included in the response message when the client software that is installed on the POS terminal uses the Token Management Service (TMS) to retrieve tokenized payment details. You must contact customer support to have your account enabled to receive these fields in the credit response message.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: paymentInformation.card.type** and **paymentInformation.card.cardType**
- **SCMP API Field: card_type**
- **Simple Order API Field: card_cardType**

card_cardType (Request)

Three-digit value that indicates the card type. This field is required for the Payer Authentication Check Enrollment and Validation services. You must supply a value for it and include it in your request.

> **Important:** Provide the card type even when it is optional for your processor and card type. Omitting the card type can cause the transaction to be processed with the wrong card type.

Barclays

This field is optional for Visa card transactions that use the Payouts AFT services.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01-TCR1
- Position: 70-71
- Field: Card ID

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Possible Values

Each payment method, processor, and acquirer support different card types. See the table of supported processors and card types in the developer guide for the payment method you are implementing.

`001`: **Visa**

For all processors except Ingenico ePayments and SIX, the Visa Electron card type is processed the same way that the Visa debit card is processed. Use card type value `001` for Visa Electron.

`002`: **Mastercard and Eurocard**

For Eurocard, which is the European regional brand of Mastercard, you must include the card type field in a request for an authorization or stand-alone credit.

`003`: **American Express**

`004`: **Discover**

`005`: **Diners Club**

`006`: **Carte Blanche**

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`007`: **JCB**

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`014`: **EnRoute**

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`021`: **JAL**

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`024`: **Maestro (UK Domestic)**

`031`: **Delta**

Use this value only for Ingenico ePayments. For other processors, use `001` for all Visa card types. For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`033`: **Visa Electron**

Use this value only for Ingenico ePayments and SIX. For other processors, use `001` for all Visa card types. For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`034`: **Dankort**

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`036`: **Cartes Bancaires**

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`037`: **Carta Si**

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`039`: **Encoded account number**

This value is supported only on Chase Paymentech Solutions. For this value, you must include the card type field in a request for an authorization or stand-alone credit.

`040`: **UATP**

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`042`: **Maestro (International)**

For this card type, you must include the card type field in a request for an authorization or stand-alone credit.

`050`: **Hipercard**

For this card type on Cielo 3.0, Getnet, or Rede, you must include the card type field in a request for an authorization or stand-alone credit. This card type is not supported on Cielo 1.5.

`051`: **Aura**

`054`: **Elo**

For this card type on Getnet or Rede, you must include the card type field in a request for an authorization or stand-alone credit.

`058`: **Carnet**

`059`: **ValueLink**

`060`: **MADA**

Required when accepting MADA cards with ApplePay.

`061`: **RuPay**

`062`: **China UnionPay**

`065`: **Korean Domestic Cards**

For this card type on Getnet, Rede, and Korean Cyber Payments you must include the card type field in a request for an authorization or stand-alone credit.

`066`: **Banricompras**

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field:**
  - **paymentInformation.card.cardType**
  - **paymentInformation.card.type**
  - **paymentInformation.tokenizedCard.type**
- **SCMP API Field: card_type**
- **Simple Order API Field: card_cardType**

card_cvNumber

Card verification number (CVN).

When enabling web browsers to auto-fill payment tokens, you must include this field in the authorization request. Web browsers can replace primary account numbers with e-commerce tokens, which enables cardholders to auto-fill tokens, token expiration dates, and three-digit dynamic token verification values (DTVVs) on merchant payment entry forms. You will receive the result code in the **ccAuthReply_cvCode** or **ccAuthReply_cvCodeRaw** fields.

Specifications

- **Field Type:** Request
- **Data Type:** String with numbers only
- **Data Length:** 4

Mapping Information

- **REST API Fields:**
  - **paymentInformation.card.securityCode**
  - **paymentInformation.tokenizedCard.securityCode**
- **SCMP API Field: customer_cc_cv_number**
- **Simple Order API Field: card_cvNumber**

card_encryptedData

Payment card data that was encrypted by the POS terminal.

Supported only on Visa Platform Connect.

Credit Card Transactions

The encrypted data can be track data or keyed data and is in tag-length-value (TLV) format. A data set consists of encrypted data and the encryption attributes that are associated with the encrypted data. This field can contain multiple data sets.

PIN Debit Transactions

This field contains the PIN data, which is optional because some networks no longer require the PIN. Your agreement with the debit networks determines whether the customer must provide a PIN.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: card_encrypted_data**
- **Simple Order API Field: card_encryptedData**

card_hashedAccountNumber

Provides a SHA 256 hashed value of the PAN.

This field can be used to meet Taiwan's Ministry of Finance mandate. This mandates requires merchants must generate a unique code based on the PAN as well as the customer's mobile number, membership number, or national ID for each authorization.

To receive this field during an authorization, you must request this field to be enabled through customer support.

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: paymentInformation.card.hashedNumber**
- **SCMP API Field: customer_cc_hashed_number**
- **Simple Order API Field: card_hashedAccountNumber**

card_issueNumber

Number of times a Maestro (UK Domestic) card has been issued to the account holder.

The card might or might not have an issue number. The number can consist of one or two digits, and the first digit might be a zero. When you include this value in a request, include exactly what is printed on the card. A value of `2` is different than a value of `02`.

Do not include the field, even with a blank value, if the card is not a Maestro (UK Domestic) card.

The issue number is not required for Maestro (UK Domestic) transactions.

Specifications

- **Field Type:** Request
- **Type:** String
- **Length:** 5

Mapping Information

- **REST API Field: paymentInformation.card.issueNumber**
- **SCMP API Field: customer_cc_issue_number**
- **Simple Order API Field: card_issueNumber**

card_passPhrase

Card password.

The card password consists of 2 digits and is considered Personally Identifiable Information (PII).

Specifications

- **Field Type:** Request
- **Data Type:** Numeric String
- **Data Length:** 2

Mapping Information

- **REST API Field: paymentInformation.card.passPhrase**
- **SCMP API Field:** card_pass_phrase
- **Simple Order API Field:** card_passPhrase

card_personalData

Personal data used to validate the identify of the cardholder.

The data used will be either 6 digits representing the cardholder's date of birth or a 10-digit business number. This data is considered Personally Identifiable Information (PII).

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** Up to 10

Mapping Information

- **REST API Field: paymentInformation.card.personalData**
- **SCMP API Field:** card_personal_data
- **Simple Order API Field:** card_personalData

card_prepaidReloadable

Flag that indicates whether the prepaid card is reloadable.

This field is returned only for Worldpay VAP.

Possible values:

- `Yes`: Prepaid card is reloadable.
- `No`: Prepaid card is not reloadable.
- `Unknown`: Cannot be determined whether prepaid card is reloadable.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 7

Mapping Information

- **REST API Field: paymentAccountInformation.card.prepaidReloadableCode**
- **SCMP API Field: card_prepaid_reloadable**
- **Simple Order API Field: card_prepaidReloadable**

card_prepaidType

Description for type of prepaid card.

This field is returned only for Worldpay VAP.

Example `GIFT`

Example `PAYROLL`

Example `GENERAL_PREPAID`

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field:** No corresponding field name for this API.
- **SCMP API Field: card_prepaid_type**
- **Simple Order API Field: card_prepaidType**

card_productName

Name of the card product.

This field is supported only for `BNDES` transactions on Visa Platform Connect.

Set the value for this field to BNDES.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR4
- Position: 115-120
- Field: Brazil Country Data

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: paymentInformation.card.productName**
- **SCMP API Field: card_product_name**
- **Simple Order API Field: card_productName**

card_startMonth

Month of the start of the Maestro (UK Domestic) card validity period.

Do not include the field, even with a blank value, if the card is not a Maestro (UK Domestic) card.

Possible values: `01` through `12`.

The start date is not required for Maestro (UK Domestic) transactions.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2
- **Data Format:** MM

Mapping Information

- **REST API Field: paymentInformation.card.startMonth**
- **SCMP API Field: customer_cc_startmo**
- **Simple Order API Field: card_startMonth**

card_startYear

Year of the start of the Maestro (UK Domestic) card validity period.

Do not include the field, even with a blank value, if the card is not a Maestro (UK Domestic) card.

The start date is not required for Maestro (UK Domestic) transactions.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4
- **Data Format:** yyyy

Mapping Information

- **REST API Field: paymentInformation.card.startYear**
- **SCMP API Field: customer_cc_startyr**
- **Simple Order API Field: card_startYear**

card_suffix

Last four digits of the customer's account number.

You can use this value on the receipt that you give to the customer.

Card-Not-Present and PIN Debit Transactions

This field is returned only for tokenized transactions.

Card-Present Transactions

This field is returned in the response message when the client software that is installed on the POS terminal uses the Token Management Service (TMS) to retrieve tokenized payment details.

You must contact customer support to have your account enabled to receive these fields in the credit response message.

This field is supported only for Cybersource integrations.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR8
- Position: 85
- Field: American Express last 4 PAN return indicator

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: paymentInformation.card.suffix**
- **SCMP API Field: card_suffix**
- **Simple Order API Field: card_suffix**

card_usage

Flag that specifies how to use the card for the requested transaction.

This field is supported only for China UnionPay card transactions on China UnionPay and for Mastercard transactions in Brazil on Visa Platform Connect.

China UnionPay Card Transactions on China UnionPay

Possible values:

- `C`: Domestic credit card.
- `D`: Domestic debit card.
- `F`: International credit card.
- `I`: International debit card.

When the value is `D`, the e-commerce indicator and CAVV fields must be included in the authorization request.

When the value is `C`, `F`, or `I`, the card verification number, expiration month, and expiration year fields must be included in the authorization request.

Mastercard Transactions in Brazil on Visa Platform Connect

Possible values:

- `C`: Credit transaction.
- `D`: Debit transaction.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR0
- Position: 51
- Field: Combination Card Transaction Identifier

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: paymentInformation.card.useAs**
- **SCMP API Field: card_usage**
- **Simple Order API Field: card_usage**

card_virtual

Flag that indicates whether the card number corresponds to a virtual card number.

This field is returned only for Worldpay VAP.

Possible values:

- true: Card number corresponds to a virtual card number.
- false: Card number does not correspond to a virtual card number.

Specifications

- **Type:** String
- **Length:** 5

Mapping Information

- **SCMP API Field: card_virtual**
- **Simple Order API Field: card_virtual**

cardTypeSelectionIndicator

Flag that identifies how the card type was selected.

This field is supported only on China UnionPay and Credit Mutuel-CIC.

Possible values:

- `0`: Card type was selected based on default acquirer settings.
- `1`: Customer selected the card type.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: paymentInformation.card.typeSelectionIndicator**
- **SCMP API Field: card_type_selection_indicator**
- **Simple Order API Field: cardTypeSelectionIndicator**

cashAdvanceIndicator

Indicates whether the transaction is a cash advance.

Visa Platform Connect

This field is required for cash advance transactions.

Possible values:

- `true`: Transaction is a cash advance.
- `false` (default): Transaction is not a cash advance.

Specifications

- **Field Type:** Request
- **Data Type:** Boolean
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.cashAdvanceIndicator**
- **SCMP API Field: cash_advance_indicator**
- **Simple Order API Field: cashAdvanceIndicator**

cashbackAmount

Cashback amount requested by the customer.

The value for this field must be in the acquirer's currency.

Card-Present Credit Card Transactions

This field is supported only on Visa Platform Connect in Germany.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR8
- Position: 15-23
- Field: Cashback Amount

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

PIN Debit Transactions

This field is supported only on FDC Nashville Global and Visa Platform Connect.

When a cashback amount is included in a request, the cashback amount must be included in the value for the **purchaseTotals_grandTotalAmount** field.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - Authorization: 9
  - Authorization Reversal: 9
  - PIN Debit Purchase: 13

Mapping Information

- **REST API Field: orderInformation.amountDetails.cashbackAmount**
- **SCMP API Field: cashback_amount**
- **Simple Order API Field: cashbackAmount**

category_affiliate

Affiliate organization.

This field is supported only on Worldpay VAP.

You can use this information for selective analytics and reporting.

Contact your processor to have your account enabled for this feature.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: No corresponding field name for this API.**
- **SCMP API Field: category_affiliate**
- **Simple Order API Field: category_affiliate**

category_campaign

Marketing campaign.

This field is supported only on Worldpay VAP.

You can use this information for selective analytics and reporting.

Contact your processor to have your account enabled for this feature.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: No corresponding REST API field.**
- **SCMP API Field: category_campaign**
- **Simple Order API Field: category_campaign**

category_group

Merchant-defined category or group.

This field is supported only on Worldpay VAP.

You can use this information for selective analytics and reporting.

Contact your processor to have your account enabled for this feature.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: No corresponding REST API field.**
- **SCMP API Field: category_group**
- **Simple Order API Field: category_group**

ccAuthReply_accountBalance

Remaining balance on the account.

Specifications

- **Field Type:** Response
- **Data type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.balanceAmount**
- **SCMP API Field: auth_account_balance**
- **Simple Order API Field: ccAuthReply_accountBalance**

ccAuthReply_accountBalanceCurrency

Currency of the remaining balance on the account.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.currency**
- **SCMP API Field: auth_account_balance_currency**
- **Simple Order API Field: ccAuthReply_accountBalanceCurrency**

ccAuthReply_accountBalanceSign

Sign for the remaining balance on the account.

This field is returned only when the processor sends this value.

Possible values:

- positive
- negative

Specifications

- **Field Type:** Response
- **Type:** String
- **Length:** 8

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.balanceSign**
- **SCMP API Field: auth_account_balance_sign**
- **Simple Order API Field: ccAuthReply_accountBalanceSign**

ccAuthReply_accountType

Type of account.

This field is returned only when you request a balance inquiry.

Authorization

Possible values:

- `00`: Not applicable or not specified.
- `10`: Savings account.
- `20`: Checking account.
- `30`: Credit card account.
- `40`: Universal account.

Specifications

- **Field Type:** Response
- **Type:** String
- **Length:** 2

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.accountType**
- **SCMP API Field: auth_account_type**
- **Simple Order API Field: ccAuthReply_accountType**

ccAuthReply_amount

Amount that was authorized.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.amountDetails.authorizedAmount**
- **SCMP API Field: auth_auth_amount**
- **Simple Order API Field: ccAuthReply_amount**

ccAuthReply_amountType

Type of amount.

This field is returned only when you request a balance inquiry.

The issuer determines the value for this field.

Possible values for deposit accounts:

- `01`: Current ledger (posted) balance.
- `02`: Current available balance, which is typically the ledger balance minus outstanding authorizations. Some depository institutions also include pending deposits and the credit or overdraft line associated with the account.

Possible values for credit card accounts:

- `01`: Credit amount remaining for customer (open to buy).
- `02`: Credit limit.

Specifications

- **Field Type:** Response
- **Type:** String
- **Length:** 2

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.balanceAmountType**
- **SCMP API Field: auth_amount_type**
- **Simple Order API Field: ccAuthReply_amountType**

ccAuthReply_authFactorCode

Risk factor code from Smart Authorization.

This value consists of one or more codes separated by carets (^).

Possible values:

- `J`: Billing and shipping address do not match.
- `M`: Cost of the order exceeds the maximum transaction amount.
- `N`: Nonsensical input in the customer name or address fields.
- `O`: Obscenities in the order form.
- `U`: Unverifiable billing or shipping address.
- `X`: Order does not comply with the USA PATRIOT Act.

Specifications

- **Type:** String
- **Length:** 100

Mapping Information

- **SCMP API Field: No corresponding field.**
- **Simple Order API Field: ccAuthReply_authFactorCode**

ccAuthReply_authorizationCode

Authorization code.

This field is returned only when the processor sends this value.

Elavon Encrypted Account Number Program

The returned value is `OFFLINE`.

TSYS Acquiring Solutions

The returned value for a successful zero amount authorization is `000000`.

Specifications

- **Field Type:** Response
- **Type:** String
- **Length:** 7

Mapping Information

- **REST API Field: processorInformation.approvalCode**
- **SCMP API Field: auth_auth_code**
- **Simple Order API Field: ccAuthReply_authorizationCode**

ccAuthReply_authorizedDateTime

Time of authorization in UTC.

Specifications

- **Field Type:** Response
- **Type:** Date and time
- **Length:** 20

Mapping Information

- **REST API Field: submitTimeUTC**
- **SCMP API Field: auth_auth_time**
- **Simple Order API Field: ccAuthReply_authorizedDateTime**

ccAuthReply_avsCode

Address Verification Service (AVS) result.

Specifications

- **Field Type:** Response
- **Type:** String
- **Length:** 1

Mapping Information

- **REST API Field: processorInformation.avs.code**
- **SCMP API Field: auth_auth_avs**
- **Simple Order API Field: ccAuthReply_avsCode**

ccAuthReply_avsCodeRaw

AVS result code sent directly from the processor.

This field is returned only when the processor sends this value.

> **Important:** Do not use this value to evaluate the AVS result. Use this value only when debugging your order management system.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: processorInformation.avs.codeRaw**
- **SCMP API Field: auth_avs_raw**
- **Simple Order API Field: ccAuthReply_avsCodeRaw**

ccAuthReply_cardCategory

Card category.

GPX

Visa product ID.

GPN

Visa or Mastercard product ID.

GPX

Mastercard product ID associated with the primary account number (PAN).

RBS WorldPay Atlanta

Type of card used in the transaction.

Possible values:

- `B`: Business card.
- `O`: Noncommercial card.
- `R`: Corporate card.
- `S`: Purchase card.
- `X^`: Visa B2B Virtual Payments
- `X1`: Flexible Rate B2B Virtual Program
- Blank: Purchase card not supported.

Worldpay VAP

Type of card used in the transaction.

> **Important:** Before using this field on Worldpay VAP, you must contact customer support to have your account configured for this feature.

The only possible value is `PREPAID`, which specifies a prepaid card.

You must process the new values of `X^` for Visa B2B Virtual Payments and `X1` for Flexible Rate B2B Virtual Program returned in this field by VisaNet when you send the product ID for Virtual Payment products.

Specifications

- :
  - **Field Type:** Response
  - **Data Type:** String
  - **Data Length:** 3
- GPN:
  - **Field Type:** Response
  - **Data Type:** String
  - **Data Length:** 3
- GPX:
  - **Field Type:** Response
  - **Data Type:** String
  - **Data Length:** 3
- RBS WorldPay Atlanta:
  - **Field Type:** Response
  - **Data Type:** String
  - **Data Length:** 1
- Worldpay VAP:
  - **Field Type:** Response
  - **Data Type:** String
  - **Data Length:** 7

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.category**
- **SCMP API Field: auth_card_category**
- **Simple Order API Field: ccAuthReply_cardCategory**

ccAuthReply_cardCommercial

Flag that indicates whether the card is a commercial card.
This field is returned only for Visa and Mastercard on Chase Paymentech Solutions.

A commercial card enables you to include Level II data in a request.

Possible values:

- `Y`: Yes, the card is a commercial card.
- `N`: No, the card is not a commercial card.
- `X`: Not applicable / Unknown.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.commercial**
- **SCMP API Field: auth_card_commercial**
- **Simple Order API Field: ccAuthReply_cardCommercial**

ccAuthReply_cardGroup

Type of commercial card.

This field is returned only for Visa Platform Connect.

Possible values:

- `B`: Business card.
- `R`: Corporate card.
- `S`: Purchasing card.
- `0`: Noncommercial card.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.group**
- **SCMP API Field: auth_card_group**
- **Simple Order API Field: ccAuthReply_cardGroup**

ccAuthReply_cardHealthcare

Flag that indicates whether the card is a healthcare card.

This field is returned only for Visa and Mastercard on Chase Paymentech Solutions.

Possible values:

- `Y`: Yes, the card is a healthcare card.
- `N`: No, the card is not a healthcare card.
- `X`: Not applicable / Unknown.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.healthCare**
- **SCMP API Field: auth_card_healthcare**
- **Simple Order API Field: ccAuthReply_cardHealthcare**

ccAuthReply_cardIssuerCountry

Country in which the card was issued.

This field is returned only for Visa, Mastercard, Discover, Diners Club, JCB, and Maestro (International) on Chase Paymentech Solutions.

This information enables you to determine whether the card was issued domestically or internationally.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: issuerInformation.country**
- **SCMP API Field: auth_card_issuer_country**
- **Simple Order API Field: ccAuthReply_cardIssuerCountry**

ccAuthReply_cardLevel3Eligible

This field indicates whether the card is eligible for Level III interchange fees.
This field is returned only for Visa and Mastercard on Chase Paymentech Solutions.

This information enables you to include Level III data in a request.

Possible values:

- `Y`: Yes, the card is eligible for Level III interchange fees.
- `N`: No, the card is not eligible for Level III interchange fees.
- `X`: Not applicable / Unknown.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.level3Eligible**
- **SCMP API Field: auth_card_level_3_eligible**
- **Simple Order API Field: ccAuthReply_cardLevel3Eligible**

ccAuthReply_cardPINlessDebit

This field indicates whether the card is supported for PINless debits.

This field is returned only for Visa and Mastercard on Chase Paymentech Solutions.

Possible values:

- `Y`: Yes, the card is supported for PINless debits.
- `N`: No, the card is not supported for PINless debits.
- `X`: Not applicable / Unknown.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.pinlessDebit**
- **SCMP API Field: auth_card_pinless_debit**
- **Simple Order API Field: ccAuthReply_cardPINlessDebit**

ccAuthReply_cardPayroll

This field indicates whether the card is a payroll card.

This field is returned only for Visa, Discover, Diners Club, and JCB on Chase Paymentech Solutions.

Possible values:

- `Y`: Yes, the card is a payroll card.
- `N`: No, the card is not a payroll card.
- `X`: Not applicable / Unknown.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.payRoll**
- **SCMP API Field: auth_card_payroll**
- **Simple Order API Field: ccAuthReply_cardPayroll**

ccAuthReply_cardPrepaid

This field indicates whether the card is a prepaid card.

This field is returned only for Visa, Mastercard, Discover, Diners Club, and JCB on Chase Paymentech Solutions.

This information enables you to determine when a gift card or prepaid card is presented for use when establishing a new recurring, installment, or deferred billing relationship.

Possible values:

- `Y`: Yes, the card is a prepaid card.
- `N`: No, the card is not a prepaid card.
- `X`: Not applicable / Unknown.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.prepaid**
- **SCMP API Field: auth_card_prepaid**
- **Simple Order API Field: ccAuthReply_cardPrepaid**

ccAuthReply_cardRegulated

This field indicates whether the card is regulated according to the Durbin Amendment.

This field is returned only for Visa, Mastercard, Discover, Diners Club, and JCB on Chase Paymentech Solutions.

When a card is regulated according to the Durbin Amendment, it means that the issuer has assets that exceed 10B USD and is subject to price caps and interchange rules.

Possible values:

- `Y`: Yes, the card is regulated according to the Durbin Amendment.
- `N`: No, the card is not regulated according to the Durbin Amendment.
- `X`: Not applicable / Unknown.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.regulated**
- **SCMP API Field: auth_card_regulated**
- **Simple Order API Field: ccAuthReply_cardRegulated**

ccAuthReply_cardSignatureDebit

This field indicates whether the card is a signature debit card.

This field is returned only for Visa, Mastercard, and Maestro (International) on Chase Paymentech Solutions.

This information enables you to alter the way an order is processed. For example, you might not want to reauthorize a transaction for a signature debit card, or you might want to perform reversals promptly for a signature debit card.

Possible values:

- `Y`: Yes, the card is a signature debit card.
- `N`: No, the card is not a signature debit card.
- `X`: Not applicable / Unknown.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.signatureDebit**
- **SCMP API Field: auth_card_signature_debit**
- **Simple Order API Field: ccAuthReply_cardSignatureDebit**

ccAuthReply_cavvResponseCode

Mapped response code for American Express SafeKey, RuPay PaySecure, or Visa Secure.<

Important: a value of `0` for a Visa transaction indicates that Visa downgraded the transaction. When Visa approves an authorization and downgrades it, you are liable for the transaction. To confirm the downgrade, look at the e-commerce indicator for the transaction in the Business Center. You can proceed with the transaction if you want to accept liability. If you do not want to accept liability, reverse the authorization, attempt to authenticate the customer again, and request another authorization.

American Express SafeKey Response Codes

Response Code	Description
`1`	CAVV failed validation and authentication.
`2`	CAVV passed validation and authentication.
`3`	CAVV passed the validation attempt.
`4`	CAVV failed the validation attempt.
`7`	CAVV failed the validation attempt and the issuer is available.
`8`	CAVV passed the validation attempt and the issuer is available.
`9`	CAVV failed the validation attempt and the issuer is not available.
`A`	CAVV passed the validation attempt and the issuer is not available.
`U`	Issuer does not participate or 3D secure data was not used.
`99`	An unknown value was returned from the processor.

Visa Secure Response Codes

Response Code	Description
`0`	CAVV not validated because erroneous data was submitted. **Important:** Visa downgraded the transaction. When you receive an authorization approval and the CAVV response code is `0`, you are liable for the transaction. To confirm the downgrade, look at the e-commerce indicator for the transaction in the Business Center. You can proceed with the transaction if you want to accept liability. If you do not want to accept liability, reverse the authorization, attempt to authenticate the customer again, and request another authorization.
`1`	CAVV failed validation and authentication.
`2`	CAVV passed validation and authentication.
`3`	CAVV passed the validation attempt.
`4`	CAVV failed the validation attempt.
`6`	CAVV not validated because the issuer does not participate.
`7`	CAVV failed the validation attempt and the issuer is available.
`8`	CAVV passed the validation attempt and the issuer is available.
`9`	CAVV failed the validation attempt and the issuer is not available.
`A`	CAVV passed the validation attempt and the issuer is not available.
`B`	CAVV passed the validation with information only; no liability shift.

Visa Secure Response Codes (continued)

Response Code	Description
`C`	CAVV attempted but not validated; issuer did not return CAVV code.
`D`	CAVV not validated or authenticated; issuer did not return CAVV code.
`I`	Invalid security data.
`U`	Issuer does not participate or 3-D secure data was not used.
`99`	An unknown value was returned from the processor.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: processorInformation.consumerAuthenticationResponse.code**
- **SCMP API Field: auth_cavv_response_code**
- **Simple Order API Field: ccAuthReply_cavvResponseCode**

ccAuthReply_cavvResponseCodeRaw

CAVV response code sent directly from the processor for American Express SafeKey, RuPay PaySecure, or Visa Secure.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: processorInformation.consumerAuthenticationResponse.codeRaw**
- **SCMP API Field: auth_cavv_response_code_raw**
- **Simple Order API Field: ccAuthReply_cavvResponseCodeRaw**

ccAuthReply_cvCode

CVN result code.

CVN Codes

Code	Description
D	The transaction was determined to be suspicious by the issuing bank.
I	The CVN failed the processor's data validation check.
M	The CVN matched.
N	The CVN did not match.
P	The CVN was not processed by the processor for an unspecified reason.
S	The CVN is on the card but was not included in the request.
U	Card verification is not supported by the issuing bank.
X	Card verification is not supported by the payment card company.
1	Card verification is not supported for this processor or card type.
2	An unrecognized result code was returned by the processor for the card verification response.
3	No result code was returned by the processor.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processorInformation.cardVerification.resultCode**
- **SCMP API Field: auth_cv_result**
- **Simple Order API Field: ccAuthReply_cvCode**

ccAuthReply_cvCodeRaw

CVN result code sent directly from the processor.

This field is returned only when the processor sends this value.

> **Important:** Do not use this value to evaluate the CVN result. Use this value only when debugging your order management system.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 11

Mapping Information

- **REST API Field: processorInformation.cardVerification.resultCodeRaw**
- **SCMP API Field: auth_cv_result_raw**
- **Simple Order API Field: ccAuthReply_cvCodeRaw**

ccAuthReply_emsTransactionRiskScore

Fraud score for a MasterCard transaction.

This field is returned only for Visa Platform Connect.

- Positions 1-3: Fraud score. This value ranges from 001 to 998, where 001 indicates the least likely fraudulent transaction and 998 indicates the most likely fraudulent transaction.
- Positions 4-5: Reason code that specifies the reason for the fraud score. Possible values:
    - 01: Suspicious cross border activity.
    - 02: Suspicious transaction.
    - 03: High number of transactions.
    - 04: High number of transactions at an unattended terminal.
    - 05: Suspicious recent history of transactions.
    - 06: Suspicious activity and high number of transactions.
    - 07: Suspicious cardholder not present activity.
    - 08: Suspicious activity and low number of transactions.
    - 09: Suspicious service station activity.
    - 10: Suspicious online activity.
    - 11: High amount transaction or high cumulated amount recently spent.
    - 12: Suspicious gambling activity.
    - 13: Suspicious phone or mail order activity.
    - 14: Suspicious grocery store activity.
    - 15: High risk country.
    - 16: High amount, high number of transactions, and cross border.
    - 17: Suspicious activity including previous declined transactions.
    - 18: Suspicious airline activity.
    - 19: Score forced to be 001 because the transaction being scored was a 04xx message.
    - 20: Not a financial transaction.

    - 21: Abnormal geographic activity.
    - 22: Abnormal, high frequency at the same MCC.
    - 23: High amount recent ATM activity.
    - 24: Suspicious recent ATM activity or suspicious ATM activity following a recent abnormal activity.
    - 25: Suspicious telecom activity.
    - 26: High number of international ATM transactions.
    - 27: High cumulated withdrawal amount on international ATM.
    - 28: High velocity of domestic ATM transactions.
    - 29: High risk MCC.
- Positions 6-32: Reserved for future use.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 32

Mapping Information

- **REST API Field: processorInformation.emsTransactionRiskScore**
- **SCMP API Field: auth_ems_transaction_risk_score**
- **Simple Order API Field: ccAuthReply_emsTransactionRiskScore**

ccAuthReply_evEmailRaw

Raw electronic verification response code from the processor for the customer's email address.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processorInformation.electronicVerificationResults.emailRaw**
- **SCMP API Field: auth_ev_email_raw**
- **Simple Order API Field: ccAuthReply_evEmailRaw**

ccAuthReply_evNameRaw

Raw electronic verification response code from the processor for the customer's last name.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** s1

Mapping Information

- **REST API Field: processorInformation.electronicVerificationResults.codeRaw**
- **SCMP API Field: auth_ev_name_raw**
- **Simple Order API Field: ccAuthReply_evNameRaw**

ccAuthReply_evPhoneNumberRaw

Raw electronic verification response code from the processor for the customer's phone number.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processorInformation.electronicVerificationResults.phoneNumberRaw**
- **SCMP API Field: auth_ev_phone_number_raw**
- **Simple Order API Field: ccAuthReply_evPhoneNumberRaw**

ccAuthReply_evPostalCodeRaw

Raw electronic verification response code from the processor for the customer's postal code.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processorInformation.electronicVerificationResults.postalCodeRaw**
- **SCMP API Field: auth_ev_postal_code_raw**
- **Simple Order API Field: ccAuthReply_evPostalCodeRaw**

ccAuthReply_evStreetRaw

Raw electronic verification response code from the processor for the customer's street address.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processorInformation.electronicVerificationResults.streetRaw**
- **SCMP API Field: auth_ev_street_raw**
- **Simple Order API Field: ccAuthReply_evStreetRaw**

ccAuthReply_merchantAdviceCode

Reason that the recurring payment transaction was declined. For some processors, this field is used only for Mastercard. For other processors, this field is used for Visa and Mastercard. And for other processors, this field is not implemented. Possible values:

- `00`: No information, or response not provided.
- `01`: New account information available.
- `02`: Cannot approve at this time. Retry later.
- `03`: Do not retry.
- `04`: Problem with a token or a partial shipment indicator. Do not try again.
- `08`: Payment blocked by the payment card company.
- `21`: Recurring payment cancellation service.
- `24`: Retry after 1 hour.
- `25`: Retry after 24 hours.
- `26`: Retry after 2 days.
- `27`: Retry after 4 days.
- `28`: Retry after 6 days.
- `29`: Retry after 8 days.
- `30`: Retry after 10 days.
- `99`: An unknown value was returned from the processor.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: processorInformation.merchantAdvice.code**
- **SCMP API Field: auth_merchant_advice_code**
- **Simple Order API Field: ccAuthReply_merchantAdviceCode**

ccAuthReply_merchantAdviceCodeRaw

Raw merchant advice code sent directly from the processor.

This field is returned only for Mastercard.

Possible values:

- `00`: No information, or response not provided.
- `01`: New account information is available. Obtain the new information.
- `02`: Try again later.
- `03`: Do not try again. Obtain another type of payment from the customer.
- `04`: Problem with a token or a partial shipment indicator. Do not try again.
- `08`: Payment blocked by the payment card company.
- `21`: Recurring payment cancellation service.
- `99`: An unknown value was returned from the processor.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR7
- Position: 96-99
- Field: Response Data—Merchant Advice Code

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: processorInformation.merchantAdvice.codeRaw**
- **SCMP API Field: auth_merchant_advice_code_raw**
- **Simple Order API Field: ccAuthReply_merchantAdviceCodeRaw**

ccAuthReply_ownerMerchantID

Merchant ID that was used to create the subscription or token for which the service was requested.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 30

Mapping Information

- **REST API Field: No corresponding field name for the API.**
- **SCMP API Field: auth_owner_merchant_id**
- **Simple Order API Field: ccAuthReply_ownerMerchantID**

ccAuthReply_paymentInsightsInformation_responseInsightsCategory

Categorization of the authorization response message from the processor.

Possible values:

- `APPROVED`
- `GENERIC_ERROR`
- `ISSUER_CANT_APPROVE_AT_THIS_TIME`
- `ISSUER_CANT_APPROVE_WITH_THESE_DETAILS`
- `ISSUER_WILL_NEVER_APPROVE`
- `MATCH_NOT_FOUND`
- `OTHERS`

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: paymentInsightsInformation.responseInsights.category**
- **SCMP API Field: auth_insights_response_category**
- **Simple Order API Field: ccAuthReply_paymentInsightsInformation_responseInsightsCategory**

ccAuthReply_paymentInsightsInformation_ responseInsightsCategoryCode

Categorization code of the authorization response message from the processor.

Possible values:

- `01`: Issuer will never approve.
- `02`: Issuer cannot approve at this time.
- `03`: Issuer cannot approve with the details provided in the authorization request.
- `04`: Generic error.
- `98`: Other.
- `99`: Payment insights response category match not found.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: paymentInsightsInformation.responseInsights.categoryCode**
- **SCMP API Field: auth_insights_response_category_code**
- **Simple Order API Field: ccAuthReply_paymentInsightsInformation_responseInsightsCategoryCode**

ccAuthReply_paymentNetworkTransactionID

Network transaction identifier (TID).

You can use this value to identify a specific transaction when you are discussing the transaction with your processor. Not all processors provide this value.

Cielo

This value is the non-sequential unit (NSU) and is returned for all transactions. Cielo or the issuing bank generates the value.

Comercio Latino

This value is the proof of sale or non-sequential unit (NSU) number. The Cielo acquirer, Rede acquirer, or issuing bank generates the value.

GPN

The following values are returned for each card type:

- American Express: The payment card company generates this value. This value is saved and sent to the processor in all subsequent capture requests.
- Discover: The payment card company generates this value. This value is saved and sent to the processor in all subsequent requests for full authorization reversals and captures.
- Mastercard: The payment card company generates this value. This value is saved and sent to the processor in all subsequent requests for full authorization reversals and captures. Format:
    - Positions 1-9: Mastercard Banknet reference number.
    - Positions 10-13: Date.
    - Positions 14-15: Spaces.
- Visa: The payment card company generates this value. This value is saved and sent to the processor in all subsequent requests for full authorization reversals and captures.
- Other Card Types: Not used.

Visa Platform Connect

The following values are returned for each card type:

- American Express: American Express generates this value. It is included in all replies from the American Express Global Network (AEGN).
- Mastercard: This value is the qualification information for the Mastercard Interchange Compliance (MIC) program. It is used for all Mastercard responses coming from Mastercard Banknet through Visa to certified acquirers. Format:
    - Positions 1–4: Date in MMDD format.
    - Positions 5–7: Product code or financial network code. Mastercard can introduce new values for this subfield without advance notice.
    - Positions 8–13: First six digits of Mastercard Banknet reference number.
    - Positions 14–15: Spaces.
- Visa and Other Card Types: The payment card company generates this value. It is unique for each original authorization and identifies a transaction throughout its life cycle.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR7
- Position: 81-95
- Field: Gateway Transaction Identifier

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

Comercio Latino:

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 20

Elavon:

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 22

All other processors:

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: processorInformation.transactionID**
- **SCMP API Field: auth_payment_network_transaction_id**
- **Simple Order API Field: ccAuthReply_paymentNetworkTransactionID**

ccAuthReply_posData

Point-of-sale details for the transaction.

This field is returned only for American Express Direct and Elavon Americas.

Cybersource generates this value, which consists of a series of codes that identify terminal capability, security data, and specific conditions present at the time the transaction occurred. To comply with the CAPN requirements, this value must be included in all subsequent follow-on requests, such as captures and follow-on credits.

When you perform authorizations, captures, and credits through Cybersource, Cybersource passes this value from the authorization service to the subsequent services for you. However, when you perform authorizations through Cybersource and perform subsequent services through other financial institutions, you must ensure that requests for captures and credits include this value.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: pointOfSaleInformation.amexCAPNData**
- **SCMP API Field: auth_pos_data**
- **Simple Order API Field: ccAuthReply_posData**

ccAuthReply_processorResponse

Error message from the issuer, processor, or the payment card company.

This field is returned only when the processor sends this value.

Merchants must be able to process response code `70` (PIN data required), which they receive from VisaNet when PIN data is not included for Georgia or India domestic card-present transactions in this field.

Merchants in Georgia must support the response code `1A` (additional customer authentication required), which they receive from VisaNet for an e-commerce or card-present transaction.

> **Important:** Do not use this field to evaluate the result of the request.

AIBMS

When this value is `08`, you can accept the transaction if the customer provides you with identification.

Comercio Latino

This value is the status code and the error or response code received from the processor separated by a colon.

Format: [status code]:E[error code] or [status code]:R[response code]

Example: 2:R06

JCN Gateway

Processor-defined detail error code. The associated response category code is in the **additionalProcessorResponse** field.

Mastercard can return these values:

- `79`: Life cycle
- `82`: Policy
- `83` :Fraud or security

Specifications

- JCN Gateway:
  - **Field Type:** Response
  - **Data Type:** String
  - **Data Length:** 3

Mapping Information

- **REST API Field: processorInformation.responseCode**
- **SCMP API Field: auth_auth_response**
- **Simple Order API Field: ccAuthReply_processorResponse**

ccAuthReply_processorTransactionID

Processor transaction ID.

This field is returned only for Cielo, Cybersource Latin American Processing, and Moneris.

Cielo and Cybersource Latin American Processing

This value is a unique identifier for the transaction.

Cybersource Latin American Processing is the name of a specific processing connection. *Cybersource Latin American Processing* does not refer to the general topic of processing in Latin America. The information in this field description, or in this section of the field description, is for the specific processing connection called Cybersource Latin American Processing. It is not for any other Latin American processors.

Moneris

This value identifies the transaction on a host system. It contains the following information:

- Terminal used to process the transaction
- Shift during which the transaction took place
- Batch number
- Transaction number within the batch

You must store this value. If you give the customer a receipt, display this value on the receipt.

Example: For the value `66012345001069003`:

- Terminal ID = 66012345
- Shift number = 001
- Batch number = 069
- Transaction number = 003

Specifications

- Cielo and Cybersource Latin American Processing:
  - **Field Type:** Response
  - **Data Type:** String
  - **Data Length:** 50
- Moneris:
  - **Field Type:** Response
  - **Data Type:** Positive Integer
  - **Data Length:** 18

Mapping Information

- **REST API Field: processorInformation.transactionID**
- **SCMP API Field: auth_processor_trans_id**
- **Simple Order API Field: ccAuthReply_processorTransactionID**

ccAuthReply_reasonCode

Numeric value that corresponds to the result of the authorization request.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: ccAuthReply_reasonCode**

ccAuthReply_reconciliationReferenceNumber

Reconciliation reference number.

This field is returned only for Visa Platform Connect and Ingenico ePayments.

Visa Platform Connect

Retrieval request number.

Ingenico ePayments

Unique number that Cybersource generates to identify the transaction. You can use this value to identify transactions in the Ingenico ePayments Collections Report, which provides settlement information. Contact customer support for information about the report.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field: processorInformation.retrievalReferenceNumber**
- **SCMP API Field: auth_reconciliation_reference_number**
- **Simple Order API Field: ccAuthReply_reconciliationReferenceNumber**

ccAuthReply_requestAmount

Amount you requested to be authorized.

This field is returned only for partial authorizations.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.amountDetails.totalAmount**
- **SCMP API Field: auth_request_amount**
- **Simple Order API Field: ccAuthReply_requestAmount**

ccAuthReply_requestCurrency

Currency for the amount you requested to be authorized.

This field is returned only for partial authorizations.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: orderInformation.amountDetails.currency**
- **SCMP API Field: auth_request_currency**
- **Simple Order API Field: ccAuthReply_requestCurrency**

ccAuthReply_transactionID

Transaction identifier (TID) that is used to identify and track a transaction throughout its life cycle.

This field is returned only for American Express Direct and Elavon Americas.

American Express generates this value. To comply with the CAPN requirements, this value must be included in all subsequent follow-on requests, such as captures and follow-on credits.

When you perform authorizations, captures, and credits through Cybersource, Cybersource passes this value from the authorization service to the subsequent services for you. However, when you perform authorizations through Cybersource and perform subsequent services through other financial institutions, you must ensure that requests for captures and credits include this value.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: processorInformation.transactionID**
- **SCMP API Field: auth_transaction_id**
- **Simple Order API Field: ccAuthReply_transactionID**

ccAuthReply_transactionIntegrity

Transaction integrity classification provided by Mastercard.
This field is returned only for Visa Platform Connect.

This value indicates Mastercard's evaluation of the transaction's safety and security.

Possible values for card-present transactions:

- `A1`: EMV or token in a secure, trusted environment.
- `B1`: EMV or chip equivalent.
- `C1`: Magnetic stripe.
- `E1`: Key entered.
- `U0`: Unclassified.

Possible values for card-not-present transactions:

- `A2`: Digital transactions.
- `B2`: Authenticated checkout.
- `C2`: Transaction validation.
- `D2`: Enhanced data.
- `E2`: Generic messaging.
- `U0`: Unclassified.

For information about these values, contact Mastercard or your acquirer.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 136-137
- Field: Mastercard Transaction Integrity Classification

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: processorInformation.transactionIntegrityCode**
- **SCMP API Field: auth_transaction_integrity**
- **Simple Order API Field: ccAuthReply_transactionIntegrity**

ccAuthReversalReply_amount

Amount that was reversed.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: reversalAmountDetails.reversedAmount**
- **SCMP API Field: auth_reversal_amount**
- **Simple Order API Field: ccAuthReversalReply_amount**

ccAuthReversalReply_authorizationCode

Authorization code.

This field is returned only when the value is sent by the processor.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: authorizationInformation.approvalCode**
- **SCMP API Field: auth_reversal_auth_code**
- **Simple Order API Field: ccAuthReversalReply_authorizationCode**

ccAuthReversalReply_forwardCode

Name of the Japanese acquirer that processed the transaction.
This field is returned only for JCN Gateway.

Contact the Cybersource Japan Support Group for more information.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 32

Mapping Information

- **REST API Field: processorInformation.forwardedAcquirerCode**
- **SCMP API Field: auth_reversal_forward**
- **Simple Order API Field: ccAuthReversalReply_forwardCode**

ccAuthReversalReply_processorResponse

Error message from the issuer or the processor.

This field is returned only when the processor sends this value.

> **Important:** Do not use this field to evaluate the result of the request.

JCN Gateway

Processor-defined detail error code. The associated response category code is in the **additionalProcessorResponse** field.

Specifications

- JCN Gateway:
  - **Field Type:** Response
  - **Data Type:** String
  - **Data Length:** 3
- All other processors:
  - **Field Type:** Response
  - **Data Type:** String
  - **Data Length:** 10

Mapping Information

- **REST API Field: processorInformation.responseCode**
- **SCMP API Field: auth_reversal_auth_response**
- **Simple Order API Field: ccAuthReversalReply_processorResponse**

ccAuthReversalReply_processorTransactionID

Processor transaction ID.

This field is returned only for Moneris.

This value identifies the transaction on a host system. It contains the following information:

- Terminal used to process the transaction.
- Shift during which the transaction took place.
- Batch number.
- Transaction number within the batch.

You must store this value. If you give the customer a receipt, display this value on the receipt.

Example For the value `66012345001069003`:

- Terminal ID = `66012345`
- Shift number = `001`
- Batch number = `069`
- Transaction number = `003`

Specifications

- **Field Type:** Response
- **Data Type:** Positive Integer
- **Data Length:** 18

Mapping Information

- **REST API Field: processorInformation.transactionID**
- **SCMP API Field: auth_reversal_processor_trans_id**
- **Simple Order API Field: ccAuthReversalReply_processorTransactionID**

ccAuthReversalReply_reasonCode

Numeric value that corresponds to the result of the full authorization reversal request.

Specifications

- **Type:** Integer
- **Length:** 5

Mapping Information

- **SCMP API Field:** No corresponding field.
- **Simple Order API Field: ccAuthReversalReply_reasonCode**

ccAuthReversalReply_requestDateTime

Time in UTC when the full authorization reversal was requested.

Specifications

- **Field Type:** Response
- **Data Type:** Date and time
- **Data Length:** 20

Mapping Information

- **REST API Field: submitTimeUTC**
- **SCMP API Field: auth_reversal_request_time**
- **Simple Order API Field: ccAuthReversalReply_requestDateTime**

ccAuthReversalService_authRequestID

Request ID of the authorization for which you are requesting this service.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field:** No corresponding field.
- **SCMP API Field: auth_request_id**
- **Simple Order API Fields:**
  - **ccAuthReversalService_authRequestID**
  - **ccCaptureService_authRequestID**
  - **ccCheckStatusService_authRequestID**
  - **ccIncrementalAuthService_authRequestID**

ccAuthReversalService_authRequestToken

Request token for the authorization for which you are requesting this service.

This value is an encoded string that contains no confidential information, such as an account number or card verification number.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 256

Mapping Information

- **REST API Field:** No corresponding API field.
- **SCMP API Field: auth_request_token**
- **Simple Order API Fields:**
  - **ccAuthReversalService_authRequestToken**
  - **ccCaptureService_authRequestToken**

ccAuthReversalService_reversalReason

Reason for the authorization reversal.

Set the value for this field to `34`, which indicates suspected fraud.

This field is ignored for processors that do not support this value.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: reversalInformation.reason**
- **SCMP API Field: auth_reversal_reason**
- **Simple Order API Field: ccAuthReversalService_reversalReason**

ccAuthReversalService_run

Flag that specifies whether to include the authorization reversal service in the request.

Possible values:

- `true`: Include the authorization reversal service in the request.
- `false` (default): Do not include the authorization reversal service in the request.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: ccAuthReversalService_run**

ccAuthService_aggregatorName

Payment aggregator business name.

Chase Paymentech Solutions

This field is supported for Payouts transactions only. It is not supported for standard credit card transactions. It is optional for Mastercard and Visa transactions.

FDC Compass

This value must consist of uppercase letters.

Getnet

This value must consist of uppercase letters. Special characters are not allowed.

Visa Platform Connect

This field is required for the following service:

- **Payouts OCT**: Required in OCT requests from merchants that are payment facilitators using Visa Platform Connect.

GPX

The value for this field does not map to the TC 33 capture file.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length**
  - American Express Direct: Maximum length of the aggregator name depends on the length of the sub-merchant name. The combined length for both values must not exceed 37 characters.
  - **Chase Paymentech Solutions:** 22 for Mastercard, 25 for Visa
  - FDC Compass: Maximum length of the aggregator name depends on the length of the sub-merchant name. The combined length for both values must not exceed 37 characters.
  - FDC Nashville Global: 12

- Getnet: 7
- : With American Express, the maximum length of the aggregator name depends on the length of the sub-merchant name. The combined length for both values must not exceed 36 characters. Not used with other card types.
- Software Express: 37
- Visa Platform Connect: 25

Mapping Information

- **REST API Field: aggregatorInformation.name**
- **SCMP API Field: aggregator_name**
- **Simple Order API Fields:**
  - **ccAuthService_aggregatorName**
  - **ccCaptureService_aggregatorName**
  - **ccCreditService_aggregatorName**

ccAuthService_authType

Authorization type.

Possible values:

- `AUTOCAPTURE`: Automatic capture.
- `STANDARDCAPTURE`: Standard capture.
- `verbal`: Forced capture or verbal authorization.

Automatic Capture and Standard Capture

To request an automatic capture if your account is not configured for automatic captures, set this field to `AUTOCAPTURE` and include it in a bundled authorization and capture request.

To override an automatic capture and request a standard capture if your account is configured for automatic captures, set this field to `STANDARDCAPTURE` and include it in a standard authorization or bundled authorization and capture request.

Forced Capture

A forced capture occurs when you process an authorization outside the Cybersourcesystem but then capture the order through Cybersource. To indicate that you are performing a forced capture, set this field to `verbal` and include it in a bundled authorization and capture request along with other fields required for a forced capture.

Verbal Authorization

When you request an authorization through Cybersource, the issuing bank might ask you to call the payment processor to answer questions about the transaction. When this happens, the processor gives you a verbal authorization code for the transaction. To indicate that you are capturing a verbal authorization, set this field to `verbal` and include it in a capture request along with other fields required for a verbal authorization.

Specifications

Automatic Capture and Standard Capture:

- **Field Type:** Request
- **Data Type**: String
- **Data Length**: 15

Forced Capture and Verbal Authorization:

- **Field Type:** Request
- **Data Type**: String
- **Data Length**: 11

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.authType**
- **SCMP API Field: auth_type**
- **Simple Order API Fields:**
  - ccAuthService_authType
  - ccCaptureService_authType

ccAuthService_cavvAlgorithm

Algorithm for generating a cardholder authentication verification value (CAVV) or universal cardholder authentication field (UCAF) data.

This field is supported only for these processors:

- Credit Mutuel-CIC for Visa Secure
- Ingenico ePayments for Visa Secure and Mastercard Identity Check when a third-party provider authenticates the transaction

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthValidateReply_cavvAlgorithm** response field.

Possible values:

- `0`: Hash-based message authentication code (HMAC)
- `1`: Card verification value (CVV)
- `2`: CVV with authentication transaction number (ATN)

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. cavvAlgorithm**
- **SCMP API Field: cavv_algorithm**
- **Simple Order API Field: ccAuthService_cavvAlgorithm**

ccCreditReply_authorizationCode

Identifies a Consumer Bill Payment Service (CBPS) transaction.

Prior to using this service, merchants must register as a Consumer Bill Payment Service merchant through both Visa and Cybersource.

This field supports the following values:

- N: Not a CBPS transaction (default)
- Y: Is a CBPS transaction

FDC Nashville Global

You must also include the bill_payment**ccAuthService.BillPayment** field.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.businessApplicationId** set to value: `CB`
- **SCMP API Field: consumer_bill_payment**
- **Simple Order API Field: ccAuthService_consumerBillPayment**

ccAuthService_cryptocurrencyPurchase

Flag that specifies whether the payment is for the purchase of cryptocurrency. This field is supported only for merchants who support quasi-cash.

This field is supported only for Visa transactions on Visa Platform Connect.

Possible values:

- true: Payment is for the purchase of cryptocurrency.
- false (default): Payment is not for the purchase of cryptocurrency.

The value for this field does not map to the TC 33 capture file.

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: orderInformation.isCryptocurrencyPurchase**
- **SCMP API Field: cryptocurrency_purchase**
- **Simple Order API Fields:**
  - **ccAuthService_cryptocurrencyPurchase**
  - **ccSaleService_cryptocurrencyPurchase**

ccAuthService_delegatedAuthentication ExemptionIndicator

Exemption indicator for delegated authentication.

This flag specifies whether the transaction is exempt from strong customer authentication (SCA) requirements in Europe because the authentication was delegated to a different provider, such as an acquirer or payment technology provider (PTP).

Possible values:

- `0` (default): Not exempt.
- `1`: Exempt from SCA requirements because the authentication was delegated to a different provider

Visa Platform Connect

For Mastercard transactions, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 145-146
- Field: Mastercard Low-Risk Merchant Indicator

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. strongAuthentication.delegatedAuthenticationExemptionIndicator**
- **SCMP API Field: delegated_authentication_exemption_indicator**
- **Simple Order API Field: ccAuthService_delegatedAuthenticationExemptionIndicator**

ccAuthService_directoryServerTransactionID

Transaction ID that the directory server generates during authentication.

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthEnrollReply_directoryServerTransactionID** or **payerAuthValidateReply_directoryServerTransactionID** response field.

Mastercard Identity Check on Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR7
- Position: 114-149
- Field: MC AVV Verification—Directory Server Transaction ID

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 36

Mapping Information

- **REST API Field: consumerAuthenticationInformation. directoryServerTransactionId**
- **SCMP API Field: directory_server_transaction_id**
- **Simple Order API Fields: ccAuthService_directoryServerTransactionID**

ccAuthService_eciRaw

Raw electronic commerce indicator (ECI).

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthValidateReply_eciRaw** response field.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. eciRaw**
- **SCMP API Field: eci_raw**
- **Simple Order API Field: ccAuthService_eciRaw**

ccAuthService_firstRecurringPayment

Flag that specifies whether this transaction is the first in a series of recurring payments.

This field is supported only on Barclays, Credit Mutuel-CIC, FDC Nashville Global (with American Express cards and Visa cards), and OmniPay Direct.

FDC Nashville Global

Possible values:

- `true`: Yes, this is the first payment in a series of recurring payments.
- `false` (default): No, this is not the first payment in a series of recurring payments.

Barclays

Possible values:

- `Y`: Yes, this is the first payment in a series of recurring payments.
- `N` (default): No, this is not the first payment in a series of recurring payments.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.recurringOptions.firstRecurringPayment**
- **SCMP API Field: auth_first_recurring_payment**
- **Simple Order API Field: ccAuthService_firstRecurringPayment**

ccAuthService_lowValueExemptionIndicator

Exemption indicator for a low payment amount.

This flag specifies whether the transaction is exempt from strong customer authentication (SCA) requirements in Europe because the payment amount is low.

Possible values:

- `0` (default): Not exempt.
- `1`: Exempt from SCA requirements because the payment amount is low.

Visa Platform Connect

For Mastercard transactions, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 145-146
- Field: Mastercard Low-Risk Merchant Indicator

For transactions with other card types, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR8
- Position: 126
- Field: Low Value Exemption Indicator

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation.strongAuthentication.lowValueExemptionIndicator**
- **SCMP API Field: low_value_exemption_indicator**
- **Simple Order API Fields: ccAuthService_lowValueExemptionIndicator**

ccAuthService_overridePaymentDetails

Type of account for a line of credit or prepaid card.

This field is supported only for combo card transactions in Brazil on Visa Platform Connect.

Include this field when the value for the **ccAuthService_overridePaymentMethod** or **ccCreditService_overridePaymentMethod** field is line of credit (LI) or prepaid card (PP).

Line of Credit

Possible values:

- AGRC: Visa Agro Custeio.
- AGRE: Visa Agro Electron.
- AGRI: Visa Agro Investimento.
- AGRO: Visa Agro.

Prepaid Card

Possible values:

- VVA: Visa Vale Alimentacao.
- VVF: Visa Vale Flex.
- VVR: Visa Vale Refeicao.

TC 33 Capture File

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR0
- Position: 44-47
- Field: Account Accessed

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: paymentInformation.card.sourceAccountTypeDetails**
- **SCMP API Field: override_payment_details**
- **Simple Order API Fields:**
    - **ccAuthService_overridePaymentDetails**
    - **ccCreditService_overridePaymentDetails**

ccAuthService_partialAuthIndicator

Flag that specifies whether to enable the transaction for partial authorization.

When a request includes this field, this value overrides the information in your account. Possible values:

- true: Enable the transaction for partial authorization.
- false: Do not enable the transaction for partial authorization.

Visa Platform Connect

To set the default for this field, contact customer support.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR0
- Position: 164
- Field: Additional Authorization Indicators

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.partialAuthIndicator**
- **SCMP API Field: auth_partial_auth_indicator**
- **Simple Order API Field: ccAuthService_partialAuthIndicator**

ccAuthService_run

Flag that specifies whether to include the authorization service in the request.

Possible values:

- `true`: Include the authorization service in the request.
- `false` (default): Do not include the authorization service in the request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: ccAuthService_run**

ccAuthService_verbalAuthCode

Authorization code.

Authorization Service

Authorization code you received from an authorization that you performed outside the system.

Capture Service

Authorization code that you received verbally.

Specifications

- **Authorization:**
  - **Field Type:** Request
  - **Data Type:** String
  - **Data Length:** 6
- **Capture:**
  - JCN Gateway:

    Field Type: Request

    Data Type: String

    Data Length: 7
  - All other processors:

    Field Type: Request

    Data Type: String

    Data Length: 6

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.verbalAuthCode**
- **SCMP API Field: auth_code**
- **Simple Order API Fields:**
  - **ccAuthService_verbalAuthCode**
  - **ccCaptureService_verbalAuthCode**

ccAuthService_veresEnrolled

Verification response enrollment status.

This field is supported only on Asia, Middle East, and Africa Gateway.

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthEnrollReply_veresEnrolled** response field.

Possible values:

- `Y`: Authentication available.
- `N`: Customer not participating.
- `U`: Unable to authenticate regardless of the reason.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. veresEnrolled**
- **SCMP API Field: veres_enrolled**
- **Simple Order API Field: ccAuthService_veresEnrolled**

ccAuthService_verificationType

Type of customer verification data you are requesting.

This field is supported only for Mastercard installment payments in Poland on Visa Platform Connect.

After receiving the authorization request, the issuer sends you the type of data you requested by means of a communication method or network that does not include Visa Platform Connect. Use the data to verify the customer's identity.

Possible values:

- `01`: Customer's personal data.
- `02`: Customer's age.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: issuerInformation.verificationType**
- **SCMP API Field: auth_verification_type**
- **Simple Order API Field: ccAuthService_verificationType**

ccAuthService_xid

Transaction identifier.

This value must be 28-character Base64 or 40-character hex binary.

For Visa Secure on FDC Nashville Global, Cybersource sets the value for this field to the XID value when the XID is present in the authorization request and the CAVV is not present.

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthValidateReply_xid** response field.

Apple Pay and Samsung Pay Transactions

- American Express: For a 20-byte cryptogram, set this field to the cryptogram for authorizations with payment network tokens. For a 40-byte cryptogram, set this field to block A of the cryptogram for authorizations with payment network tokens. All cryptograms use one of these formats.
- Visa: The value for this field must be 28-character base64 or 40-character hex binary. All cryptograms use one of these formats.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40

Mapping Information

- **REST API Field: consumerAuthenticationInformation. xid**
- **SCMP API Field: xid**
- **Simple Order API Field: ccAuthService_xid**

ccCaptureReply_amount

Amount that was captured.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.amountDetails.totalAmount**
- **SCMP API Field: bill_bill_amount**
- **Simple Order API Field: ccCaptureReply_amount**

ccCaptureReply_processorTransactionID

Processor transaction ID.

This field is returned only for Moneris.

This value identifies the transaction on a host system. It contains the following information:

- Terminal used to process the transaction.
- Shift during which the transaction took place.
- Batch number.
- Transaction number within the batch.

You must store this value. If you give the customer a receipt, display this value on the receipt.

Example For the value `66012345001069003`:

- Terminal ID = `66012345`
- Shift number = `001`
- Batch number = `069`
- Transaction number = `003`

Specifications

- **Field Type:** Response
- **Data Type:** Positive Integer
- **Data Length:** 18

Mapping Information

- **REST API Field: processorInformation.transactionID**
- **SCMP API Field: bill_processor_trans_id**
- **Simple Order API Field: ccCaptureReply_processorTransactionID**

ccCaptureReply_reasonCode

Numeric value that corresponds to the result of the capture request.

Specifications

- **Type:** Integer
- **Length:** 5

Mapping Information

- **SCMP API Field:** No corresponding field.
- **Simple Order API Field: ccCaptureReply_reasonCode**

ccCaptureReply_reconciliationReferenceNumber

Unique number that Cybersource generates to identify the transaction.

This field is returned only for Ingenico ePayments.

You can use this value to identify transactions in the Ingenico ePayments Collections Report, which provides settlement information. Contact customer support for information about the report.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **SCMP API Field: bill_reconciliation_reference_number**
- **Simple Order API Field: ccCaptureReply_reconciliationReferenceNumber**

ccCaptureReply_requestDateTime

Time at which capture is requested in UTC.

Specifications

- **Field Type:** Response
- **Data Type:** Date and time
- **Data Length:** 20

Mapping Information

- **REST API Field: submitTimeUTC**
- **SCMP API Field: bill_bill_request_time**
- **Simple Order API Field: ccCaptureReply_requestDateTime**

ccCaptureService_aggregatorName

Payment aggregator business name.

Chase Paymentech Solutions

This field is supported for Payouts transactions only. It is not supported for standard credit card transactions. It is optional for Mastercard and Visa transactions.

FDC Compass

This value must consist of uppercase letters.

Getnet

This value must consist of uppercase letters. Special characters are not allowed.

Visa Platform Connect

This field is required for the following service:

- **Payouts OCT**: Required in OCT requests from merchants that are payment facilitators using Visa Platform Connect.

GPX

The value for this field does not map to the TC 33 capture file.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length**
  - American Express Direct: Maximum length of the aggregator name depends on the length of the sub-merchant name. The combined length for both values must not exceed 37 characters.
  - **Chase Paymentech Solutions:** 22 for Mastercard, 25 for Visa
  - FDC Compass: Maximum length of the aggregator name depends on the length of the sub-merchant name. The combined length for both values must not exceed 37 characters.
  - FDC Nashville Global: 12

- Getnet: 7
- : With American Express, the maximum length of the aggregator name depends on the length of the sub-merchant name. The combined length for both values must not exceed 36 characters. Not used with other card types.
- Software Express: 37
- Visa Platform Connect: 25

Mapping Information

- **REST API Field: aggregatorInformation.name**
- **SCMP API Field: aggregator_name**
- **Simple Order API Fields:**
  - **ccAuthService_aggregatorName**
  - **ccCaptureService_aggregatorName**
  - **ccCreditService_aggregatorName**

ccCaptureService_authRequestID

Request ID of the authorization for which you are requesting this service.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field:** No corresponding field.
- **SCMP API Field: auth_request_id**
- **Simple Order API Fields:**
  - **ccAuthReversalService_authRequestID**
  - **ccCaptureService_authRequestID**
  - **ccCheckStatusService_authRequestID**
  - **ccIncrementalAuthService_authRequestID**

ccCaptureService_authRequestToken

Request token for the authorization for which you are requesting this service.

This value is an encoded string that contains no confidential information, such as an account number or card verification number.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 256

Mapping Information

- **REST API Field:** No corresponding API field.
- **SCMP API Field: auth_request_token**
- **Simple Order API Fields:**
  - **ccAuthReversalService_authRequestToken**
  - **ccCaptureService_authRequestToken**

ccCaptureService_authType

Authorization type.

Possible values:

- `AUTOCAPTURE`: Automatic capture.
- `STANDARDCAPTURE`: Standard capture.
- `verbal`: Forced capture or verbal authorization.

Automatic Capture and Standard Capture

To request an automatic capture if your account is not configured for automatic captures, set this field to `AUTOCAPTURE` and include it in a bundled authorization and capture request.

To override an automatic capture and request a standard capture if your account is configured for automatic captures, set this field to `STANDARDCAPTURE` and include it in a standard authorization or bundled authorization and capture request.

Forced Capture

A forced capture occurs when you process an authorization outside the Cybersourcesystem but then capture the order through Cybersource. To indicate that you are performing a forced capture, set this field to `verbal` and include it in a bundled authorization and capture request along with other fields required for a forced capture.

Verbal Authorization

When you request an authorization through Cybersource, the issuing bank might ask you to call the payment processor to answer questions about the transaction. When this happens, the processor gives you a verbal authorization code for the transaction. To indicate that you are capturing a verbal authorization, set this field to `verbal` and include it in a capture request along with other fields required for a verbal authorization.

Specifications

Automatic Capture and Standard Capture:

- **Field Type:** Request
- **Data Type**: String
- **Data Length**: 15

Forced Capture and Verbal Authorization:

- **Field Type:** Request
- **Data Type**: String
- **Data Length**: 11

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.authType**
- **SCMP API Field: auth_type**
- **Simple Order API Fields:**
  - ccAuthService_authType
  - ccCaptureService_authType

ccCaptureService_dpdeBillingMonth

Dynamic payment descriptor extension (DPDE) that specifies the month for which you are billing the customer.

This field is supported only on JCN Gateway and is not supported for all Japanese acquirers.

Depending on your business model, you might bill for a service that has already been provided, such as a telephone service, or you might bill for a service that is going to be provided, such as a subscription to investment information. This value lets the customer know which month the payment is for.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: dpde_billing_month**
- **Simple Order API Field:**
  - **ccCaptureService_dpdeBillingMonth**
  - **ccCreditService_dpdeBillingMonth**

ccCaptureService_posData

Point-of-sale data.

This field is supported only for the American Express card type on American Express Direct and FDMS South.

This field enables you to comply with American Express CAPN requirements.

Forced Capture

Obtain the value for this field from the authorization response.

Verbal Authorization

You cannot obtain a value for this field so Cybersource uses the default value. The default value is generated based on various factors of the transaction such as:

- Whether the transaction is an e-commerce transaction.
- Whether the transaction is a card-present transaction.
- Whether the payment data is swiped or keyed.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: pointOfSaleInformation.amexCapnData**
- **SCMP API Field: bill_pos_data**
- **Simple Order API Field: ccCaptureService_posData**

ccCaptureService_run

Flag that specifies whether to include the capture service in the request.

Possible values:

- `true`: Include the capture service in the request.
- `false` (default): Do not include the capture service in the request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** *No corresponding field*
- **SCMP API Field:** *No corresponding field*
- **Simple Order API Field: ccCaptureService_run**

ccCaptureService_sequence

Capture number when requesting multiple partial captures for one authorization.

This value is used along with **ccCaptureService_totalCount** to track which capture is being processed.

Example: These are the values for the second of five captures:

```
ccCaptureService_sequence=2
ccCaptureService_totalCount=5
```

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR8
- Position: 158-159
- Field: Clearing Sequence Number

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: processingInformation.captureOptions.captureSequenceNumber**
- **SCMP API Field: capture_sequence**
- **Simple Order API Field: ccCaptureService_sequence**

ccCaptureService_totalCount

Total number of captures when requesting multiple partial captures for one authorization.

This value is used along with **ccCaptureService_sequence** to track which capture is being processed.

Example: These are the values for the second of five captures:

```
ccCaptureService_sequence=2
ccCaptureService_totalCount=5
```

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR8
- Position: 160-161
- Field: Clearing Sequence Count

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: processingInformation.captureOptions.totalCaptureCount**
- **SCMP API Field: capture_total_count**
- **Simple Order API Field: ccCaptureService_totalCount**

ccCaptureService_transactionID

Transaction ID (TID).

This field is supported only for the American Express card type on American Express Direct and FDMS South.

This field enables you to comply with American Express CAPN requirements.

Forced Capture

Obtain the value for this field from the authorization response.

Verbal Authorization

You cannot obtain a value for this field so Cybersource uses the default value of `000000000000000` (15 zeros).

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.verbalAuthTransactionId**
- **SCMP API Field: bill_transaction_id**
- **Simple Order API Field: ccCaptureService_transactionID**

ccCaptureService_verbalAuthCode

Authorization code.

Authorization Service

Authorization code you received from an authorization that you performed outside the system.

Capture Service

Authorization code that you received verbally.

Specifications

- **Authorization:**
  - **Field Type:** Request
  - **Data Type:** String
  - **Data Length:** 6
- **Capture:**
  - JCN Gateway:

    Field Type: Request

    Data Type: String

    Data Length: 7
  - All other processors:

    Field Type: Request

    Data Type: String

    Data Length: 6

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.verbalAuthCode**
- **SCMP API Field: auth_code**
- **Simple Order API Fields:**
    - **ccAuthService_verbalAuthCode**
    - **ccCaptureService_verbalAuthCode**

ccCheckStatusReply_paymentStatus

Authorization status.

Possible values:

- `AUTHORIZED`: Payment was authorized.
- `DECLINED`: Authorization request was declined.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: check_status_payment_status**
- **Simple Order API Field: ccCheckStatusReply_paymentStatus**

ccCheckStatusReply_reasonCode

Numeric value that corresponds to the result of the check status request.

Specifications

- **Type:** Integer
- **Length:** 5

Mapping Information

- **SCMP API Field:** No corresponding field.
- **Simple Order API Field: ccCheckStatusReply_reasonCode**

ccCheckStatusService_authRequestID

Request ID of the authorization for which you are requesting this service.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field:** No corresponding field.
- **SCMP API Field: auth_request_id**
- **Simple Order API Fields:**
  - **ccAuthReversalService_authRequestID**
  - **ccCaptureService_authRequestID**
  - **ccCheckStatusService_authRequestID**
  - **ccIncrementalAuthService_authRequestID**

ccCheckStatusService_run

Flag that specifies whether to include the check status service in the request.

Possible values:

- `true`: Include the check status service in the request.
- `false` (default): Do not include the check status service in the request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** *No corresponding field*
- **SCMP API Field:** *No corresponding field*
- **Simple Order API Field: ccCheckStatusService_run**

ccCreditReply_amount

Amount that was credited.

Specifications

- **Field Type:** Response
- **Data Type:** Decimal
- **Data Length:** 15

Mapping Information

- **REST API Field: creditAmountDetails.creditAmount** and **refundAmountDetails.refundAmount**
- **SCMP API Field: credit_credit_amount**
- **Simple Order API Field: ccCreditReply_amount**

ccCreditReply_authorizationCode

Credit authorization code.

This field is returned only when the issuer returns this value and the credit is authorized.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: processorInformation.approvalCode**
- **SCMP API Field: credit_auth_code**
- **Simple Order API Field: ccCreditReply_authorizationCode**

ccCreditReply_forwardCode

Name of the Japanese acquirer that processed the transaction.

This field is returned only for JCN Gateway.

Contact the Cybersource Japan Support Group for more information.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 32

Mapping Information

- **REST API Field: processorInformation.forwardedAcquirerCode**
- **SCMP API Field: credit_forward**
- **Simple Order API Field: ccCreditReply_forwardCode**

ccCreditReply_ownerMerchantID

Merchant ID that was used to create the subscription or token for which the service was requested.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 30

Mapping Information

- **REST API Field: No corresponding field**
- **SCMP API Field: credit_owner_merchant_id**
- **Simple Order API Field: ccCreditReply_ownerMerchantID**

ccCreditReply_paymentNetworkTransactionID

Network transaction identifier (TID).

This field is returned only for Visa Platform Connect and only when the credit is authorized.

You can use this value to identify a specific transaction when you are discussing the transaction with your acquirer.

Specifications

- **Field Type:** Response
- **Type:** String
- **Length:** 15

Mapping Information

- **REST API Field: processorInformation.networkTransactionId**
- **SCMP API Field: credit_auth_payment_network_transaction_id**
- **Simple Order API Field: ccCreditReply_paymentNetworkTransactionID**

ccCreditReply_processorResponse

Error message from the issuer or the processor.

This field is returned only when the credit is authorized and the processor sends this value.

> **Important:** Do not use this field to evaluate the result of the request.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: processorInformation.responseCode**
- **SCMP API Field: credit_auth_response**
- **Simple Order API Field: ccCreditReply_processorResponse**

ccCreditReply_processorTransactionID

Processor transaction ID.

This field is returned only for Moneris.

This value identifies the transaction on a host system. It contains the following information:

- Terminal used to process the transaction.
- Shift during which the transaction took place.
- Batch number.
- Transaction number within the batch.

You must store this value. If you give the customer a receipt, display this value on the receipt.

Example For the value `66012345001069003`:

- Terminal ID = `66012345`
- Shift number = `001`
- Batch number = `069`
- Transaction number = `003`

Specifications

- **Field Type:** Response
- **Data Type:** Positive Integer
- **Data Length:** 18

Mapping Information

- **REST API Field: processorInformation.transactionID**
- **SCMP API Field: credit_processor_trans_id**
- **Simple Order API Field: ccCreditReply_processorTransactionID**

ccCreditReply_reasonCode

Numeric value that corresponds to the result of the credit request.

Specifications

- **Type:** Integer
- **Length:** 5

Mapping Information

- **SCMP API Field:** No corresponding field.
- **Simple Order API Field: ccCreditReply_reasonCode**

ccCreditReply_reconciliationReferenceNumber

Unique number that Cybersource generates to identify the transaction.

This field is returned only for Ingenico ePayments.

You can use this value to identify transactions in the Ingenico ePayments Collections Report, which provides settlement information. Contact customer support for information about the report.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: credit_reconciliation_reference_number**
- **Simple Order API Field: ccCreditReply_reconciliationReferenceNumber**

ccCreditReply_requestDateTime

Date and time when the service was requested.

Specifications

- **Field Type:** Response
- **Data Type:** Date and time
- **Data Length:** 20

Mapping Information

- **REST API Field: submitTimeUtc**
- **SCMP API Field: credit_credit_request_time**
- **Simple Order API Field: ccCreditReply_requestDateTime**

ccCreditService_aggregatorName

Payment aggregator business name.

Chase Paymentech Solutions

This field is supported for Payouts transactions only. It is not supported for standard credit card transactions. It is optional for Mastercard and Visa transactions.

FDC Compass

This value must consist of uppercase letters.

Getnet

This value must consist of uppercase letters. Special characters are not allowed.

Visa Platform Connect

This field is required for the following service:

- **Payouts OCT**: Required in OCT requests from merchants that are payment facilitators using Visa Platform Connect.

GPX

The value for this field does not map to the TC 33 capture file.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length**
  - American Express Direct: Maximum length of the aggregator name depends on the length of the sub-merchant name. The combined length for both values must not exceed 37 characters.
  - **Chase Paymentech Solutions:** 22 for Mastercard, 25 for Visa
  - FDC Compass: Maximum length of the aggregator name depends on the length of the sub-merchant name. The combined length for both values must not exceed 37 characters.
  - FDC Nashville Global: 12

- Getnet: 7
- : With American Express, the maximum length of the aggregator name depends on the length of the sub-merchant name. The combined length for both values must not exceed 36 characters. Not used with other card types.
- Software Express: 37
- Visa Platform Connect: 25

Mapping Information

- **REST API Field: aggregatorInformation.name**
- **SCMP API Field: aggregator_name**
- **Simple Order API Fields:**
  - **ccAuthService_aggregatorName**
  - **ccCaptureService_aggregatorName**
  - **ccCreditService_aggregatorName**

ccCreditService_captureRequestID

Request ID for the capture that you want to credit.

This value creates a follow-on credit by linking the credit to the capture. When you include this field, you do not need to include several other credit request fields.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Length:** 26

Mapping Information

- **REST API Field:** No corresponding field.
- **SCMP API Field:bill_request_id**
- **Simple Order API Field: ccCreditService_captureRequestID**

ccCreditService_captureRequestToken

Request token for the capture that you want to credit.

This value is an encoded string that contains no confidential information, such as an account number or card verification number.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 256

Mapping Information

- **REST API Field: No corresponding field name for the API.**
- **SCMP API Field: bill_request_token**
- **Simple Order API Field: ccCreditService_captureRequestToken**

ccCreditService_dpdeBillingMonth

Dynamic payment descriptor extension (DPDE) that specifies the month for which you are billing the customer.

This field is supported only on JCN Gateway and is not supported for all Japanese acquirers.

Depending on your business model, you might bill for a service that has already been provided, such as a telephone service, or you might bill for a service that is going to be provided, such as a subscription to investment information. This value lets the customer know which month the payment is for.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: dpde_billing_month**
- **Simple Order API Field:**
  - **ccCaptureService_dpdeBillingMonth**
  - **ccCreditService_dpdeBillingMonth**

ccCreditService_overridePaymentDetails

Type of account for a line of credit or prepaid card.

This field is supported only for combo card transactions in Brazil on Visa Platform Connect.

Include this field when the value for the **ccAuthService_overridePaymentMethod** or **ccCreditService_overridePaymentMethod** field is line of credit (LI) or prepaid card (PP).

Line of Credit

Possible values:

- AGRC: Visa Agro Custeio.
- AGRE: Visa Agro Electron.
- AGRI: Visa Agro Investimento.
- AGRO: Visa Agro.

Prepaid Card

Possible values:

- VVA: Visa Vale Alimentacao.
- VVF: Visa Vale Flex.
- VVR: Visa Vale Refeicao.

TC 33 Capture File

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR0
- Position: 44-47
- Field: Account Accessed

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: paymentInformation.card.sourceAccountTypeDetails**
- **SCMP API Field: override_payment_details**
- **Simple Order API Fields:**
    - **ccAuthService_overridePaymentDetails**
    - **ccCreditService_overridePaymentDetails**

ccCreditService_refundReason

Simple Description Text

Used to identify a standalone credit transaction as a Payment of Winning (POW) payout.

Provide additional information about the field here.

Barclays

Used only for Mastercard and Maestro payment of winning transactions. Restricted to gaming merchants with MCC 7995.

Services

- **Authorization:** Required
- **Credit:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: processingInformation.refundOptions.reason**
- **SCMP API Field: credit_refund_reason**
- **Simple Order API Field: ccCreditService_refundReason**

ccCreditService_run

Flag that specifies whether to include the credit service in a request.

Possible values:

- `true`: Include the credit service in the request.
- `false` (default): Do not include the credit service in the request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** *No corresponding field*
- **SCMP API Field:** *No corresponding field*
- **Simple Order API Field: ccCreditService_run**

ccIncrementalAuthReply_reasonCode

Numeric value that corresponds to the result of the incremental authorization request.

Specifications

- **Type:** Integer
- **Length:** 5

Mapping Information

- **SCMP API Field:** No corresponding field.
- **Simple Order API Field: ccIncrementalAuthorizationReply_reasonCode**

ccIncrementalAuthService_authRequestID

Request ID of the authorization for which you are requesting this service.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field:** No corresponding field.
- **SCMP API Field: auth_request_id**
- **Simple Order API Fields:**
  - **ccAuthReversalService_authRequestID**
  - **ccCaptureService_authRequestID**
  - **ccCheckStatusService_authRequestID**
  - **ccIncrementalAuthService_authRequestID**

ccIncrementalAuthService_duration

Number of days that the customer plans to stay at the lodging.

For a lodging deposit, the value for this field specifies the number of days covered by the advance payment.

Possible values: `01` through `99`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: travelInformation.duration**
- **SCMP API Field: duration**
- **Simple Order API Field: ccIncrementalAuthService_duration**

ccIncrementalAuthService_run

Flag that specifies whether to include the incremental authorization service in a request.

Possible values:

- `true`: Include the incremental authorization service in the request.
- `false` (default): Do not include the incremental authorization service in the request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** *No corresponding field*
- **SCMP API Field:** *ics_applications=ics_incremental_auth*
- **Simple Order API Field: ccIncrementalAuthService_run**

ccAuthReply_cardReferenceData

Transaction identifier that is generated by the payment card company.

This field is supported only for industry-practice merchant-initiated token transaction with Discover or Diners Club on Visa Platform Connect.

Set the value for this field to the value for the **ccAuthReply_cardReferenceData** field that was in the response message when you obtained the customer's credentials.

When you use this field, you must also include the **paymentNetworkTransactionInformation** field.

Specifications

- **Field Type:** Request and Response
- **Data Type:** String
- **Data Length:** 46

Mapping Information

- **REST API Field: processorInformation.cardReferenceData**
- **SCMP API Field: auth_card_reference_data**
- **Simple Order API Field:**
  - Request field: **ccAuthService_cardReferenceData**
  - Response field: **ccAuthReply_cardReferenceData**

ccAuthReply_evEmail

Mapped electronic verification response code for the customer's email address.

Specifications

- **Field Type:** Response
- **Type:** String
- **Length:** 1

Mapping Information

- **REST API Field: processorInformation.electronicVerificationResults.email**
- **SCMP API Field: auth_ev_email**
- **Simple Order API Field: ccAuthReply_evEmail**

ccAuthReply_evName

Mapped electronic verification response code for the customer's name.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processorInformation.electronicVerificationResults.code**
- **SCMP API Field: auth_ev_name**
- **Simple Order API Field: ccAuthReply_evName**

ccAuthReply_evPhoneNumber

Mapped electronic verification response code for the customer's phone number.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processorInformation.electronicVerificationResults.phoneNumber**
- **SCMP API Field: auth_ev_phone_number**
- **Simple Order API Field: ccAuthReply_evPhoneNumber**

ccAuthReply_evPostalCode

Mapped electronic verification response code for the customer's postal code.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processorInformation.electronicVerificationResults.postalCode**
- **SCMP API Field: auth_ev_postal_code**
- **Simple Order API Field: ccAuthReply_evPostalCode**

ccAuthReply_evStreet

Mapped electronic verification response code for the customer's street address.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processorInformation.electronicVerificationResults.street**
- **SCMP API Field: auth_ev_street**
- **Simple Order API Field: ccAuthReply_evStreet**

ccAuthReply_issuerPINrequest

Value of `1` in this field indicates that the issuer requires a PIN.

When you request an authorization for a card-present transaction but do not include a PIN in the request, the issuer can require the PIN. To complete the authorization:

1. Request a PIN from the customer.
2. Send a duplicate authorization request that includes the PIN and the **emvRequest_repeat** field.

This field is supported only for Mastercard transactions on Visa Platform Connect.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: issuer_pin_request**
- **Simple Order API Field: ccAuthReply_issuerPINrequest**

ccAuthReply_nameMatch

Flag returned by an issuer to indicate the result of an account name for which you sent a zero amount authorization request.

Possible values returned:

- `00`: Name match performed.
- `01`: Name match not performed.
- `02`: Name match not supported.

Use the response value to verify an account name before you request authorization for an AFT or an OCT.

> **Important:** This field is returned only for Visa Platform Connect and GPX, and only from acquirers that support account inquiry services.

When you send a zero amount authorization request, the message must include the **billTo_lastName** field. The authorization request should include these additional request fields if the information is available:

- **billTo_firstName**
- **billTo_lastName**

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: processorInformation.merchantAdvice.nameMatch**
- **SCMP API Field: auth_name_match**
- **Simple Order API Field: ccAuthReply_nameMatch**

ccAuthReply_partialPANandIBAN

Partial primary account number (PAN) and International Bank Account Number (IBAN).

This field is returned only for Mastercard transactions on Visa Platform Connect.

The issuer provides the value for this field, which consists of four digits of the PAN and seven digits of the IBAN.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 11

Mapping Information

- **REST API Field: No corresponding field**
- **SCMP API Field: partial_pan_and_iban**
- **Simple Order API Field: ccAuthReply_partialPANandIBAN**

ccAuthReply_paymentCardService

Mastercard service that was used for the transaction.

Mastercard provides this value to Cybersource.

This field is returned only for Visa Platform Connect.

Possible value is `53`: Mastercard card-on-file token service.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 133-134
- Field: Mastercard Merchant on-behalf service

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: processorInformation.masterCardServiceCode**
- **SCMP API Field: auth_payment_card_service**
- **Simple Order API Field: ccAuthReply_paymentCardService**

ccAuthReply_paymentCardServiceResult

Result of the Mastercard card-on-file token service.

Mastercard provides this value to Cybersource.

This field is returned only for Visa Platform Connect.

Possible values:

- `C`: Service completed successfully.
- `F`: One of the following:
  - Incorrect Mastercard POS entry mode. The Mastercard POS entry mode should be `81` for an authorization or authorization reversal.
  - Incorrect Mastercard POS entry mode. The Mastercard POS entry mode should be `01` for a tokenized request.
  - Token requestor ID is missing or formatted incorrectly.
- `I`: One of the following:
  - Invalid token requestor ID.
  - Suspended or deactivated token.
  - Invalid token (not in mapping table).
- `T`: Invalid combination of token requestor ID and token.
- `U`: Expired token.
- `W`: Primary account number (PAN) listed in electronic warning bulletin. This field is returned only for Visa Platform Connect.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processorInformation.masterCardServiceReplyCode**
- **SCMP API Field: auth_payment_card_service_result**
- **Simple Order API Field: ccAuthReply_paymentCardServiceResult**

ccAuthReply_reconciliationID

Reference number for the transaction.

You can use this value to reconcile Cybersource reports with processor reports.

This value is not returned for all processors.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: processingInformation.reconciliationID**
- **SCMP API Field: auth_trans_ref_no**
- **Simple Order API Field: ccAuthReply_reconciliationID**

ccAuthReply_transactionQualification

Type of authentication for which the transaction qualifies as determined by the Mastercard authentication service, which confirms the identity of the cardholder.

Mastercard provides this value to Cybersource.

This field is returned only for Visa Platform Connect.

Possible values:

- 1: Transaction qualifies for Mastercard authentication type 1.
- 2: Transaction qualifies for Mastercard authentication type 2.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 132
- Field: Mastercard Member Defined Data

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processorInformation.masterCardAuthenticationType**
- **SCMP API Field: auth_transaction_qualification**
- **Simple Order API Field: ccAuthReply_transactionQualification**

ccAuthReversalReply_paymentCardService

Mastercard service that was used for the transaction.

Mastercard provides this value to Cybersource.

This field is returned only for Visa Platform Connect.

Possible value is `53`: Mastercard card-on-file token service.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 133-134
- Field: Mastercard Merchant on-behalf service

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: processorInformation.masterCardServiceCode**
- **SCMP API Field: auth_reversal_payment_card_service**
- **Simple Order API Field: ccAuthReversalReply_paymentCardService**

ccAuthReversalReply_paymentCardServiceResult

Result of the Mastercard card-on-file token service.

Mastercard provides this value to Cybersource.

This field is returned only for Visa Platform Connect.

Possible values:

- `C`: Service completed successfully.
- `F`: One of the following:
  - Incorrect Mastercard POS entry mode. The Mastercard POS entry mode should be 81 for an authorization or authorization reversal.
  - Incorrect Mastercard POS entry mode. The Mastercard POS entry mode should be 01 for a tokenized request.
  - Token requestor ID is missing or formatted incorrectly.
- `I`: One of the following:
  - Invalid token requestor ID.
  - Suspended or deactivated token.
  - Invalid token (not in mapping table).
- `T`: Invalid combination of token requestor ID and token.
- `U`: Expired token.
- `W`: Primary account number (PAN) listed in electronic warning bulletin. This field is returned only for Visa Platform Connect

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processorInformation.masterCardServiceReplyCode**
- **SCMP API Field: auth_reversal_payment_card_service_result**
- **Simple Order API Field: ccAuthReversalReply_paymentCardServiceResult**

ccAuthReversalReply_reconciliationID

Reference number for the transaction.

You can use this value to reconcile Cybersource reports with processor reports.

This value is not returned for all processors.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: reconciliationID**
- **SCMP API Field: auth_reversal_trans_ref_no**
- **Simple Order API Field: ccAuthReversalReply_reconciliationID**

ccAuthService_threeDSServerTransactionID

Unique transaction identifier assigned by the 3-D Secure server to identify a single transaction.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 36

Mapping Information

- **REST API Field: consumerAuthenticationInformation. threeDSServerTransactionId**
- **SCMP API Field: pa_three_ds_server_transaction_id**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_threeDSServerTransactionID**
  - **payerAuthValidateReply_threeDSServerTransactionID**
  - **ccAuthService_threeDSServerTransactionID**

ccAuthService_acsServerTransactionID

Transaction ID generated by the access control server.

This field is supported only for secure transactions in France.

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthEnrollReply_acsTransactionID** or **payerAuthValidateReply_acsTransactionID** response field.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 36

Mapping Information

- **REST API Field: consumerAuthenticationInformation. acsTransactionId**
- **SCMP API Field: acs_server_transaction_id**
- **Simple Order API Field: ccAuthService_acsServerTransactionID**

ccAuthService_aggregatedAuthIndicator

Flag for a mass transit transaction that indicates whether the authorization is aggregated.

This field is supported only for mass transit transactions.

Possible values:

- `true`: Aggregated
- `false` (default): Not aggregated

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR7
- Position: 150-151
- Field: Transit Transaction Type Indicator

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.aggregatedAuthIndicator**
- **SCMP API Field: aggregated_auth_indicator**
- **Simple Order API Field: ccAuthService_aggregatedAuthIndicator**

ccAuthService_aggregatorID

Value that identifies you as a payment aggregator.

Get this value from the processor.

Visa Platform Connect

This field is required for the following service:

- **Payouts OCT**: Required in OCT requests from merchants that are payment facilitators using Visa Platform Connect.

FDC Compass

This value must consist of uppercase letters.

Chase Paymentech Solutions

This field is supported only for Payouts transactions. It is not supported for standard credit card transactions.

> **Important:** The **ccCreditService_aggregatorID** field is optional in a request for an AFT with aggregator support. The **octService_aggregatorID** field is optional in a request for an OCT with aggregator support.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 95-105
- Field: Market Identifier / Payment Facilitator ID

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**

- **American Express Direct:** 20
- **Chase Paymentech Solutions:** 204
- **Cielo:** 11
- **FDC Compass:** 20
- **FDC Nashville Global:** 15
- **Getnet:** 11
- **Rede:** 11
- **Software Express:** 20
- **Visa Platform Connect:** American Express: 20, Mastercard: 11, Visa: 11
- **GPX:** American Express: 20, Mastercard: 11, Visa: 11

Mapping Information

- **REST API Field: aggregatorInformation.aggregatorId**
- **SCMP API Field: aggregator_id**
- **Simple Order API Fields:**
  - **ccAuthService_aggregatorID**
  - **ccCaptureService_aggregatorID**
  - **ccCreditService_aggregatorID**
  - **octService_aggregatorID**

ccAuthService_authenticationOutage ExemptionIndicator

Exemption indicator for payer authentication outage.

This flag specifies whether the transaction is exempt from strong customer authentication (SCA) requirements in Europe because payer authentication is not available.

Possible values:

- `0` (default): Not exempt.
- `1`: Exempt from SCA requirements because payer authentication is not available.

This field is supported only on Visa Platform Connect.

For Mastercard transactions, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 145-146
- Field: Mastercard Low-Risk Merchant Indicator

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. strongAuthentication.authenticationOutageExemptionIndicator**
- **SCMP API Field: authentication_outage_exemption_indicator**
- **Simple Order API Field: ccAuthService_authenticationOutageExemptionIndicator**

ccAuthService_billPayment

Indicates payment for bill or payment towards existing contractual loan.

For Visa card types only.

- **Authorization service:** Flag that specifies whether this payment is for a bill or for an existing contractual loan. This value is case sensitive. Possible values:
  - `true`: Visa bill payment or loan payment.
  - `false` (default): Not a Visa bill payment or loan payment.
- **Capture service:** Flag that specifies whether this is a credit for a bill that the customer paid with a Visa card. Possible values:
  - `true`: Credit for a Visa bill payment.
  - `false` (default): Not a credit for a Visa bill payment.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.billPayment**
- **SCMP API Field: bill_payment**
- **Simple Order API Fields:**
  - For Card-Not-Present and Card-Present Transactions: **ccAuthService_billPayment**
  - For Card-Not-Present Transactions Only: **ccCreditService_billPayment**

ccAuthService_captureDate

Date on which the customer initiated a contactless transit transaction.

This field is supported only for mass transit transactions.

Format: MMDD

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: processingInformation.captureOptions.dateToCapture**
- **SCMP API Field: auth_capture_date**
- **Simple Order API Field: ccAuthService_captureDate**

ccAuthService_cardholderVerificationMethod

Cardholder verification method (CVM).

This field specifies the method that was used to verify the cardholder's identity.

Possible values:

- `0`: No verification
- `1`: Signature
- `2`: PIN
- `3`: Cardholder device CVM (CDCVM)—supported only on Barclays

This field is supported only for Cybersource integrations and Barclays.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 1

Mapping Information

- **REST API Field: pointOfSaleInformation.emv.cardholderVerificationMethodUsed**
- **SCMP API Field: cardholder_verification_method**
- **Simple Order API Field: ccAuthService_cardholderVerificationMethod**

ccAuthService_cardReferenceData

Transaction identifier that is generated by the payment card company.

This field is supported only for industry-practice merchant-initiated token transaction with Discover or Diners Club on Visa Platform Connect.

Set the value for this field to the value for the **ccAuthReply_cardReferenceData** field that was in the response message when you obtained the customer's credentials.

When you use this field, you must also include the **paymentNetworkTransactionInformation** field.

Specifications

- **Field Type:** Request and Response
- **Data Type:** String
- **Data Length:** 46

Mapping Information

- **REST API Field: processorInformation.cardReferenceData**
- **SCMP API Field: auth_card_reference_data**
- **Simple Order API Field:**
  - Request field: **ccAuthService_cardReferenceData**
  - Response field: **ccAuthReply_cardReferenceData**

ccAuthService_challengeCancelCode

Reason that the strong customer authentication was canceled.

This field is supported only for secure transactions in France.

The transaction was not cancelled. It was sent to the payment card company and the issuer who can reject it with a soft decline by requesting additional cardholder authentication.

Possible values:

- `01`: Cardholder selected *Cancel*.
- `03`: Decoupled authentication caused the transaction to time out.
- `04`: Transaction timed out at the access control server (ACS), which is a server on the issuer side of the 3D Secure protocol. This value includes all ACS timeouts not covered by the value `05`.
- `05`: Transaction timed out at the ACS because the first challenge request was not received by the ACS.
- `06`: Transaction error as determined by the 3D Secure server.
- `07`: Unknown.
- `08`: Cybersource software timed out.

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthEnrollReply_challengeCancelCode** or **payerAuthValidateReply_challengeCancelCode** response field.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. challengeCancelCode**
- **SCMP API Field: challenge_cancel_code**
- **Simple Order API Field: ccAuthService_challengeCancelCode**

ccAuthService_commerceIndicator

Type of transaction.

Some payment card companies use this information when determining discount rates.

Possible Values for the Authorization Service:

E-Commerce Indicator Values

Value	Description
`5`	Secure e-commerce transaction with a credential-on-file (COF) token. Include **ccAuthService_networkTokenCryptogram** in the authorization request.
`aesk`	American Express SafeKey authentication was successful.
`aesk attempted`	American Express SafeKey authentication was attempted but did not succeed.
`dipb`	Discover card type.
`install`	Installment payment. For merchant-initiated transactions on Visa Platform Connect with Mastercard in India or with an India-issued card, the `install` value is used for the installment payment scenario and for unscheduled credentials-on-file transactions.
`install_internet`	Non-U.S. e-commerce (Internet) installment payment. This value is not supported on all processors.
`internet`	Default value for authorizations. E-commerce order placed from a website. On Ingenico ePayments, this value is supported only for Cartes Bancaires.
`js`	JCB J/Secure authentication was successful.
`js_attempted`	JCB J/Secure authentication was attempted but did not succeed.
`moto`	Mail order or telephone order. On Ingenico ePayments, this value is supported only for Cartes Bancaires.
`moto_cc`	Mail order or telephone order from a call center. This value is available only on gateways in Asia, the Middle East, and Africa. Contact your Customer Support representative for details.
`pb`	ProtectBuy authentication was successful.
`pb_attempted`	ProtectBuy authentication was attempted but did not succeed.
`recurring`	Recurring payment that is a U.S. transaction or non-U.S. mail order/telephone order (MOTO) transaction. For merchant-initiated transactions on Visa Platform Connect with Mastercard in India or with an India-issued card, the `recurring` value is used for the recurring payment scenario.

E-Commerce Indicator Values (continued)

Value	Description
`recurring_internet`	Recurring payment that is a non-U.S. e-commerce (Internet) transaction.
`retail`	Card-present transaction.
`rpy`	RuPay PaySecure authentication was successful.
`spa`	• For Mastercard Identity Check: Authentication was successful or was attempted but did not succeed. The e-commerce indicator for all Mastercard Identity Check transactions, including authentication attempts, must be set to `spa`. Otherwise, the transactions are processed as non-identity check transactions. • For secure transactions in France: Successful authentication for a Mastercard card or a Cartes Bancaires card that is co-badged with Mastercard.
`spa_failure`	• For Mastercard Identity Check: Authentication failed. • For secure transactions in France: Authentication failure for a Mastercard card or a Cartes Bancaires card that is co-badged with Mastercard.
`up3ds`	For secure transactions for China UnionPay: Authentication was successful for a China UnionPay domestic debit card.
`up3ds_attempted`	For secure transactions for China UnionPay: Authentication was attempted but did not succeed for a China UnionPay domestic debit card.
`up3ds_failure`	For secure transactions for China UnionPay domestic debit cards: Authentication failed for a China UnionPay domestic debit card.
`vbv`	• For Visa Secure: Authentication was successful. • For secure transactions in France: Successful authentication for a Visa card or a Cartes Bancaires card that is co-badged with Visa.
`vbv_attempted`	• For Visa Secure: Authentication was attempted but did not succeed. • For secure transactions in France: Authentication was attempted for a Visa card or a Cartes Bancaires card that is co-badged with Visa.
`vbv_failure`	• For Visa Secure: Authentication failed. • For secure transactions in France: Authentication failure for a Visa card or a Cartes Bancaires card that is co-badged with Visa.

Possible Values for the Credit Service:

- `internet`: E-commerce order placed through a website. On Ingenico ePayments, this value is supported only for Cartes Bancaires.
- `moto`: Mail order or telephone order. Not supported on Cielo or UATP. On Ingenico ePayments, this value is supported only for Cartes Bancaires. On Barclays, this value is not permitted for Mestro International cards.
- `recurring`: Recurring payment that is a U.S. transaction or non-U.S. MOTO transaction. On Barclays, this value is not permitted for Mestro International cards.
- `recurring_internet`: Recurring payment that is a non-U.S. e-commerce (Internet) transaction.

Apple Pay

For the merchant decryption method, one of these values is required: `aesk`, `dipb`, `internet`, `spa`, `vbv`.

Ingenico ePayments

When you omit this field on Ingenico ePayments, the processor uses the default transaction type that they have on file for you.

Card-Present Transactions

For a card-present transaction, you must set this field to `retail`.

Payer Authentication

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthValidateReply_commerceIndicator** response field.

Payouts

For Barclays, the value for an account funding transaction (AFT) can be one of these indicators:

- `internet`—For a transaction that does not use 3-D Secure.
- `vbv` or `vbv_attempted`—For a transaction that uses 3-D Secure.

For Chase Paymentech Solutions, the value for an account funding transaction (AFT) and original credit transaction (OCT) is `internet`.

For FDC Compass and Visa Platform Connect, the value for an original credit transaction (OCT) is `internet`.

PIN Debit Transactions

For a PIN debit transaction, you must set this field to `retail`.

Samsung Pay

For the merchant decryption method, one of these values is required: `aesk`, `internet`, `spa`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - Account funding transaction (AFT): 20
  - Card-not-present transaction: 20
  - Card-present transaction: 20
  - Original credit transaction (OCT): 13
  - PIN debit transaction: 13

Mapping Information

- **REST API Field: processingInformation.commerceIndicator**
- **SCMP API Field: e_commerce_indicator**
- **Simple Order API Fields:**
  - **ccAuthService_commerceIndicator**
  - **ccCreditService_commerceIndicator**
  - **octService_commerceIndicator**
  - **pinDebitCreditService_commerceIndicator**
  - **pinDebitPurchaseService_commerceIndicator**

ccAuthService_debtRecoveryIndicator

Flag for a mass transit transaction that indicates whether the purpose of the authorization is to recover debt.

This field is supported only for mass transit transactions.

Possible values:

- `true`: Debt recovery transaction
- `false` (default): Not a debt recovery transaction

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR7
- Position: 150-151
- Field: Transit Transaction Type Indicator

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.debtRecoveryIndicator**
- **SCMP API Field: debt_recovery_indicator**
- **Simple Order API Field: ccAuthService_debtRecoveryIndicator**

ccAuthService_deferredAuthIndicator

Flag that indicates whether the authorization request is a deferred authorization.

This field is supported for Mastercard transactions on Visa Platform Connect.

Possible values:

- `true`: Deferred authorization
- `false` (default): Not a deferred authorization

Visa Platform Connect

For mass transit transactions, the value for this field corresponds to this data in the TC 33 capture file:

- First data item:
  - Record: CP01 TCR0
  - Position: 160-163
  - Field: Message Reason Code
- Second data item:
  - Record: CP01 TCR7
  - Position: 150-151
  - Field: Transit Transaction Type Indicator

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.deferredAuthIndicator**
- **SCMP API Field: auth_deferred_auth_indicator**
- **Simple Order API Field: ccAuthService_deferredAuthIndicator**

ccAuthService_delegatedAuthenticationResult

Code that indicates whether the issuer validated your request for a delegated authentication exemption.

This field is supported only on Visa Platform Connect.

Possible values:

- `2`: Request for a delegated authentication exemption was validated.
- `3`: Request for a delegated authentication exemption was not validated.

When this field returns a value of `3`, the reason is returned in the **issuer_riskAnalysisExemptionResult** response field.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation.strongAuthentication.issuerInformation.delegatedAuthenticationResult**
- **SCMP API Field: delegated_authentication_result**
- **Simple Order API Field: ccAuthService_delegatedAuthenticationResult**

ccAuthService_effectiveAuthenticationType

3D Secure transaction flow.

This field is supported only for secure transactions in France.

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthEnrollReply_effectiveAuthenticationType** or **payerAuthValidateReply_effectiveAuthenticationType** response field.

Possible values:

- `CH`: Challenge. Strong customer authentication is required. The cardholder must prove that they are present and enter the payment details by providing two of the following elements:
  - Something on the cardholder's body. Example: fingerprint.
  - Something the cardholder has. Examples: plastic card, mobile device, token generator.
  - Something the cardholder knows. Examples: PIN, password.
- `FD`: Frictionless with delegation. The issuer does not require cardholder authentication, but the payment card company might require it.
- `FR`: Frictionless. The transaction can proceed without cardholder authentication.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. effectiveAuthenticationType**
- **SCMP API Field: effective_authentication_type**
- **Simple Order API Field: ccAuthService_effectiveAuthenticationType**

ccAuthService_industryDatatype

Indicates whether the transaction includes industry data.

For certain industries, you must set this field to an industry data value to be sent to the processor. When this field is not set to an industry value or is not included in the request, industry data does not go to the processor.

Industry Values and Documentation

Industry Value	Documentation
`airline`	*Airline Processing Using the Simple Order API*
`auto_rental`	Auto Processing guide (contact customer support)
`healthcare_medical`	Healthcare Processing guide (contact customer support)
`healthcare_transit`	Healthcare Processing guide (contact customer support)
`lodging`	Lodging Processing guide (contact customer support)
`restaurant`	*Card-Present Processing Using the Simple Order API*
`transit`	*Card-Present Processing Using the Simple Order API*

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 18

Mapping Information

- **REST API Field:processingInformation.industryDataType**
- **SCMP API Field: industry_datatype**
- **Simple Order API Fields:**
  - **ccAuthService_industryDatatype**
  - **ccCaptureService_industryDatatype**
  - **ccCreditService_industryDatatype**

ccAuthService_mobileRemotePaymentType

Type of payment initiated from a cardholder's mobile device.

This field is supported only for Mastercard transactions on Visa Platform Connect.

Possible values:

- 1: Customer-initiated remote purchase, face-to-face
- 2: Customer-initiated remote purchase, e-commerce
- 3: Customer-initiated remote purchase, mail order / telephone order
- 4: Customer-initiated bill pay
- 5: Customer-initiated top up
- 6: Customer-initiated cash out
- 7: ATM-triggered or agent-initiated cash out
- 8: Merchant-initiated remote purchase, face-to-face
- 9: Merchant-initiated remote purchase, e-commerce

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 94
- Field: Mastercard Mobile Remote Payment Program Indicator

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.mobileRemotePaymentType**
- **SCMP API Field: mobile_remote_payment_type**
- **Simple Order API Field: ccAuthService_mobileRemotePaymentType**

ccAuthService_networkTokenCryptogram

Token authentication verification value cryptogram.

For token-based transactions with 3-D Secure, you must submit both types of cryptograms: network token and 3-D Secure.

For all processors except RuPay, the value for this field must be 28-character Base64 or 40-character hex binary. All cryptograms use one of these formats.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40

Mapping Information

- **REST API Field: paymentinformation.tokenizedCard.cryptogram**
- **SCMP API Field: network_token_cryptogram**
- **Simple Order API Field: ccAuthService_networkTokenCryptogram**

ccAuthService_overridePaymentMethod

Flag that specifies the type of account associated with the card.

The cardholder provides this information during the payment process.

Possible values:

- `CH`: Checking account
- `CR`: Credit card account
- `SA`: Savings account

This field is required for transactions with Brazilian-issued cards.

Combo cards in Brazil contain credit and debit functionality in a single card. Visa systems use a credit bank identification number (BIN) for this type of card. Using the BIN to determine whether a card is debit or credit can cause transactions with these cards to be processed incorrectly. It is strongly recommended that you include this field for combo card transactions.

Cielo and Comercio Latino for Credit Card Transactions

On these processors, this field is supported only for authorizations. Possible values:

- `CR`: Credit card
- `DB`: Debit card

Visa Platform Connect for Credit Card Transactions

For combo card transactions with Mastercard in Brazil, the **card_usage** field is also supported.

Possible values:

- `CH`: Checking account
- `CR`: Credit card account
- `LI`: Line of credit or credit portion of combo card
- `PP`: Prepaid card or prepaid portion of combo card
- `SA`: Savings account

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR0
- Positions: 42-43
- Field: Account Selection

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Fields:**
  - **paymentInformation.card.useAs**
  - **paymentInformation.card.sourceAccountType**
- **SCMP API Field: override_payment_method**
- **Simple Order API Fields:**
  - **ccAuthService_overridePaymentMethod**
  - **ccCreditService_overridePaymentMethod**
  - **pinDebitCreditService_overridePaymentMethod**

ccAuthService_paAuthenticationDate

Date and time that the 3D Secure server authenticated the cardholder.

This field is supported only for secure transactions in France.

Format: yyyyMMDDHHMMSS

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 14

Mapping Information

- **REST API Field: consumerAuthenticationInformation. authenticationDate**
- **SCMP API Field: pa_authentication_date**
- **Simple Order API Field: ccAuthService_paAuthenticationDate**

ccAuthService_paChallengeCode

Authentication type or challenge presented to the cardholder at checkout.

The challenge is issued after requesting secure transactions through the Cybersource payer authentication services.

A *challenge* means that strong customer authentication is required. The challenge status does the following:

- Informs the issuer about the alternative authentication methods that the cardholder used.
- Enables you to override default values for one transaction at a time and increase the authorization acceptance rate at the risk of accepting a liability shift for the transaction.

Possible values:

- `01`: No preference.
- `02`: No challenge requested, but the reason is unknown.
- `03`: You requested the challenge. You can default to this value for every transaction when you see an increase in fraud rates.
- `04`: Challenge mandated. Strong customer authentication is required when one of the following is true:
  - Transaction amount exceeds 30 EUR and there have been at least five transactions on the payment card during the preceding week.
  - Cumulative amount for the payment card during the preceding week exceeds 100 EUR.
- `05`: No challenge requested because transactional risk analysis has already been performed.
- `06`: No challenge requested because the purpose of this transaction is to share data, not to move money.
- `07`: No challenge requested because strong consumer authentication has already been performed.
- `08`: No challenge requested because the cardholder is on a white list of exempt cardholders.
- `09`: Challenge requested by issuer. Determine whether the cardholder is on a white list of exempt cardholders.

This field defaults to `01` on merchant configuration and can be overridden by the merchant. EMV 3-D Secure version 2.1.0 supports values `01`-`04`. Version 2.2.0 supports values `01`-`09`.

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthEnrollService_challengeCode** request field.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. challengeCode**
- **SCMP API Field: pa_challenge_code**
- **Simple Order API Field:**
  - **ccAuthService_paChallengeCode**
  - **payerAuthEnrollService_challengeCode**

ccAuthService_paNetworkScore

Score calculated by the 3D Secure scoring platform.

This field is supported only for secure transactions in France.

Possible values: `00` - `99`.

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthEnrollReply_networkScore** response field.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. networkScore**
- **SCMP API Field: pa_network_score**
- **Simple Order API Field: ccAuthService_paNetworkScore**

ccAuthService_panReturnIndicator

Flag that indicates whether a primary account number (PAN) is associated with an ExpressPay-enabled card or device in an authorization request.

Possible values:

- 1: ExpressPay Translation (PAN request)
- 2: ExpressPay Translation (PAN request) and expiration date request

Visa Platform Connect

This field is required in the authorization request message you send to American Express ExpressPay for a contactless transaction.

If a PAN is provided, it is returned in an authorization request response message.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCRB
- Position: 86-108
- Field: American Express PAN, Extended

Services

- **Authorization:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processorInformation.authorizationOptions.panReturnIndicator**
- **SCMP API Field: pan_return_indicator**
- **Simple Order API Field: ccAuthService_panReturnIndicator**

ccAuthService_paresStatus

Payer authentication response status.

This field is supported only on the following processors:

- Asia, Middle East, and Africa Gateway for Mastercard Identity Check and Visa Secure transactions.
- Credit Mutuel-CIC for secure transactions in France and Mastercard Identity Check transactions.
- Ingenico ePayments for:
  - Mastercard Identity Check transactions when a third-party provider authenticates the transaction.
  - Visa Secure transactions when a third-party provider authenticates the transaction.

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthValidateReply_paresStatus or payerAuthEnrollReply_paresStatus** response field.

Possible values:

- `Y`: Customer was successfully authenticated.
- `A`: Authentication was attempted.
- `N`: Customer failed or canceled authentication. Transaction denied.
- `U`: Authentication was not completed. The reason is unknown.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. paresStatus**
- **SCMP API Field: pares_status**
- **Simple Order API Field: ccAuthService_paresStatus**

ccAuthService_paresStatusReason

Reason for payer authentication response status.

This field is supported only for secure transactions in France.

Possible values:

- `01`: Card authentication failed.
- `02`: Unknown device. Example: Device fingerprint not recognised because the device is an old mobile phone.
- `03`: Unsupported device.
- `04`: Exceeds authentication frequency limit. Strong customer authentication is required every six transactions or when the cumulative amount for the payment card during the preceding week exceeds 100 EUR.
- `05`: Expired card.
- `06`: Invalid card number.
- `07`: Invalid transaction.
- `08`: No card record. The card was not found in the 3D Secure server database.
- `09`: Security failure as determined by 3D Secure server.
- `10`: Stolen card.
- `11`: Suspected fraud.
- `12`: Cardholder is not permitted to perform this transaction.
- `13`: Cardholder is not enrolled in 3D Secure service.
- `14`: Transaction timed out at the access control server (ACS), which is a server on the issuer side of the 3D Secure protocol.
- `15`: Low confidence as determined by 3D Secure server.
- `16`: Medium confidence.
- `17`: High confidence.
- `18`: Very high confidence.
- `19`: Exceeds the maximum number of challenges permitted by the ACS.

- `20`: Non-payment transaction is not supported.
- `21`: 3D Secure request for information, such as BIN lookup, is not supported.
- `22`: ACS technical problem.
- `23`: Decoupled authentication is required by the ACS but you did not request it.
- `24`: Your maximum expiration time was exceeded.
- `25`: There was not enough time for decoupled authentication to authenticate the cardholder.
- `26`: Authentication was attempted but the cardholder was not authenticated.

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthEnrollReply_authenticationStatusReason** or **payerAuthValidateReply_authenticationStatusReason** response field.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. signedParesStatusReason**
- **SCMP API Field: pares_status_reason**
- **Simple Order API Field: ccAuthService_paresStatusReason**

ccAuthService_paSpecificationVersion

3D Secure version that was used to process the transaction.

Example: 1.0.2

Example: 2.0.0

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR7
- Position: 113
- Field: MC AVV Verification—Program Protocol

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field: consumerAuthenticationInformation. paSpecificationVersion**
- **SCMP API Field: pa_specification_version**
- **Simple Order API Field: ccAuthService_paSpecificationVersion**

ccAuthService_riskAnalysisExemptionIndicator

Exemption indicator for a low-risk transaction.

This flag specifies whether the transaction is exempt from strong customer authentication (SCA) requirements in Europe because it is a low-risk transaction.

Low-risk transactions are described by the Payments Service Directive 2/Regulatory Technical Standards (PSD2/RTS) regulations.

Possible values:

- `0` (default): Not exempt.
- `1`: Exempt from SCA requirements because the transaction is low risk.

Visa Platform Connect

To set the default for this field, contact customer support.

For Mastercard transactions, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 145-146
- Field: Mastercard Low-Risk Merchant Indicator

For transactions with other card types, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR8
- Position: 127
- Field: Transaction Risk Analysis Exemption Indicator

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. strongAuthentication.riskAnalysisExemptionIndicator**
- **SCMP API Field: risk_analysis_exemption_indicator**
- **Simple Order API Field: ccAuthService_riskAnalysisExemptionIndicator**

ccAuthService_secureCorporatePaymentIndicator

Exemption indicator for a secure corporate payment.

This flag specifies whether the transaction is exempt from strong customer authentication (SCA) requirements in Europe because the payment is a secure corporate payment. Indicates that dedicated payment processes and procedures were used.

Possible values:

- `0` (default): Not exempt.
- `1`: Exempt from SCA requirements because the payment is a secure corporate payment.

Visa Platform Connect

For Mastercard transactions, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 145-146
- Field: Mastercard Low-Risk Merchant Indicator

For transactions with other card types, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR8
- Position: 129
- Field: Secure Corporate Payment Indicator

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Dats Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation.strongAuthentication.secureCorporatePaymentIndicator**
- **SCMP API Field: secure_corporate_payment_indicator**
- **Simple Order API Fields:**
  - **ccAuthService_secureCorporatePaymentIndicator**
  - **payerAuthEnrollService_secureCorporatePaymentIndicator**

ccAuthService_totaloffersCount

Total number of items in the order.

This field is supported only for secure transactions in France.

Possible values: `00` - `99`.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.totaloffersCount**
- **SCMP API Field: total_offers_count**
- **Simple Order API Field:**
  - **ccAuthService_totaloffersCount**
  - **payerAuthEnrollService_totalOffersCount**

ccAuthService_transportationMode

Mode of transportation or type of transportation-related payment.

Possible values:

- `00`: Use this value for debt recovery, more than one transportation mode, or an unknown transportation mode.
- `01`: Urban bus
- `02`: Interurban bus
- `03`: Light train mass transit
- `04`: Train
- `05`: Commuter train
- `06`: Waterborne vehicle
- `07`: Toll
- `08`: Parking
- `09`: Taxi
- `10`: High-speed train
- `11`: Rural bus
- `12`: Express commuter train
- `13`: Paratransit
- `14`: Self-driving vehicle
- `15`: Coach
- `16`: Locomotive
- `17`: Powered motor coach
- `18`: Trailer
- `19`: Regional train

- `20`: Inter-city transportation
- `21`: Funicular train
- `22`: Cable car

This field is supported only for mass transit transactions.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR7
- Position: 153-154
- Field: Transportation Mode Indicator

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.transportationMode**
- **SCMP API Field: transportation_mode**
- **Simple Order API Field: ccAuthService_transportationMode**

ccAuthService_trustedMerchantExemptionIndicator

Exemption indicator for a trusted merchant.

This flag specifies whether the transaction is exempt from strong customer authentication (SCA) requirements in Europe because the customer trusts you.

Possible values:

- `0` (default): Not exempt.
- `1`: Exempt from SCA requirements because the customer trusts the merchant.

Visa Platform Connect

For Mastercard transactions, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 145-146
- Field: Mastercard Low-Risk Merchant Indicator

For transactions with other card types, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR9
- Position: 8
- Field: Trusted Merchant Exemption Indicator

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. strongAuthentication.trustedMerchantExemptionIndicator**
- **SCMP API Field: trusted_merchant_exemption_indicator**
- **Simple Order API Field: ccAuthService_trustedMerchantExemptionIndicator**

ccCaptureReply_reconciliationID

Reference number for the transaction.

You can use this value to reconcile Cybersource reports with processor reports.

Specifications

- FDC Nashville Global:
  - **Field Type:** Response
  - **Data Type:** String
  - **Length:** 8
- All other processors:
  - **Field Type:** Response
  - **Data Type:** String
  - **Data Length:** 60

Mapping Information

- **REST API Field: reconciliationID**
- **SCMP API Field: bill_trans_ref_no**
- **Simple Order API Field: ccCaptureReply_reconciliationID**

ccCaptureService_aggregatorID

Value that identifies you as a payment aggregator.

Get this value from the processor.

Visa Platform Connect

This field is required for the following service:

- **Payouts OCT**: Required in OCT requests from merchants that are payment facilitators using Visa Platform Connect.

FDC Compass

This value must consist of uppercase letters.

Chase Paymentech Solutions

This field is supported only for Payouts transactions. It is not supported for standard credit card transactions.

> **Important:** The **ccCreditService_aggregatorID** field is optional in a request for an AFT with aggregator support. The **octService_aggregatorID** field is optional in a request for an OCT with aggregator support.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 95-105
- Field: Market Identifier / Payment Facilitator ID

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**

- **American Express Direct:** 20
- **Chase Paymentech Solutions:** 204
- **Cielo:** 11
- **FDC Compass:** 20
- **FDC Nashville Global:** 15
- **Getnet:** 11
- **Rede:** 11
- **Software Express:** 20
- **Visa Platform Connect:** American Express: 20, Mastercard: 11, Visa: 11
- **GPX:** American Express: 20, Mastercard: 11, Visa: 11

Mapping Information

- **REST API Field: aggregatorInformation.aggregatorId**
- **SCMP API Field: aggregator_id**
- **Simple Order API Fields:**
  - **ccAuthService_aggregatorID**
  - **ccCaptureService_aggregatorID**
  - **ccCreditService_aggregatorID**
  - **octService_aggregatorID**

ccCaptureService_gratuityAmount

Gratuity or tip amount for restaurants when the card is present.

Allowed only when the **ccCaptureService_industryDatatype** field value is `restaurant`.

Restaurant data is supported only on Visa Platform Connect.

When your customer uses a debit card or prepaid card, and you receive a partial authorization, the payment networks recommend that you do not submit a capture amount that is higher than the authorized amount. When the capture amount exceeds the partial amount that was approved, the issuer has chargeback rights for the excess amount.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: orderInformation.amountDetails.gratuityAmount**
- **SCMP API Field: gratuity_amount**
- **Simple Order API Field: ccCaptureService_gratuityAmount**

ccCaptureService_industryDatatype

Indicates whether the transaction includes industry data.

For certain industries, you must set this field to an industry data value to be sent to the processor. When this field is not set to an industry value or is not included in the request, industry data does not go to the processor.

Industry Values and Documentation

Industry Value	Documentation
`airline`	*Airline Processing Using the Simple Order API*
`auto_rental`	Auto Processing guide (contact customer support)
`healthcare_medical`	Healthcare Processing guide (contact customer support)
`healthcare_transit`	Healthcare Processing guide (contact customer support)
`lodging`	Lodging Processing guide (contact customer support)
`restaurant`	*Card-Present Processing Using the Simple Order API*
`transit`	*Card-Present Processing Using the Simple Order API*

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 18

Mapping Information

- **REST API Field:processingInformation.industryDataType**
- **SCMP API Field: industry_datatype**
- **Simple Order API Fields:**
  - **ccAuthService_industryDatatype**
  - **ccCaptureService_industryDatatype**
  - **ccCreditService_industryDatatype**

ccCaptureService_purchasingLevel

Flag that indicates the capture or credit request includes Level III data.

Set the value for this field to `3`.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Chase Paymentech Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

FDC Compass

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

FDC Nashville Global

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

GPN

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

OmniPay Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

RBS WorldPay Atlanta

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

TSYS Acquiring Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Worldpay VAP

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.purchaseLevel**
- **SCMP API Field: purchasing_level**
- **Simple Order API Fields:**
  - **ccCaptureService_purchasingLevel**
  - **ccCreditService_purchasingLevel**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A
- Chase Paymentech Solutions: N/A
- FDC Compass: N/A
- FDC Nashville Global: N/A
- GPN: N/A
- OmniPay Direct: N/A
- RBS WorldPay Atlanta: N/A
- TSYS Acquiring Solutions: N/A
- Visa Platform Connect: N/A
- Worldpay VAPP: N/A

ccCreditReply_reconciliationID

Reference number for the transaction.

You can use this value to reconcile Cybersource reports with processor reports.

Specifications

- FDC Nashville Global:
  - **Field Type:** Response
  - **Data Type:** String
  - **Data Length:** 8
- All other processors:
  - **Field Type:** Response
  - **Data Type:** String
  - **Data Length:** 60

Mapping Information

- **REST API Field: reconciliationId**
- **SCMP API Field: credit_trans_ref_no**
- **Simple Order API Field: ccCreditReply_reconciliationID**

ccCreditService_aggregatorID

Value that identifies you as a payment aggregator.

Get this value from the processor.

Visa Platform Connect

This field is required for the following service:

- **Payouts OCT**: Required in OCT requests from merchants that are payment facilitators using Visa Platform Connect.

FDC Compass

This value must consist of uppercase letters.

Chase Paymentech Solutions

This field is supported only for Payouts transactions. It is not supported for standard credit card transactions.

> **Important:** The **ccCreditService_aggregatorID** field is optional in a request for an AFT with aggregator support. The **octService_aggregatorID** field is optional in a request for an OCT with aggregator support.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 95-105
- Field: Market Identifier / Payment Facilitator ID

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**

- **American Express Direct:** 20
- **Chase Paymentech Solutions:** 204
- **Cielo:** 11
- **FDC Compass:** 20
- **FDC Nashville Global:** 15
- **Getnet:** 11
- **Rede:** 11
- **Software Express:** 20
- **Visa Platform Connect:** American Express: 20, Mastercard: 11, Visa: 11
- **GPX:** American Express: 20, Mastercard: 11, Visa: 11

Mapping Information

- **REST API Field: aggregatorInformation.aggregatorId**
- **SCMP API Field: aggregator_id**
- **Simple Order API Fields:**
  - **ccAuthService_aggregatorID**
  - **ccCaptureService_aggregatorID**
  - **ccCreditService_aggregatorID**
  - **octService_aggregatorID**

ccCreditService_billPayment

Indicates payment for bill or payment towards existing contractual loan.

For Visa card types only.

- **Authorization service:** Flag that specifies whether this payment is for a bill or for an existing contractual loan. This value is case sensitive. Possible values:
  - `true`: Visa bill payment or loan payment.
  - `false` (default): Not a Visa bill payment or loan payment.
- **Capture service:** Flag that specifies whether this is a credit for a bill that the customer paid with a Visa card. Possible values:
  - `true`: Credit for a Visa bill payment.
  - `false` (default): Not a credit for a Visa bill payment.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.billPayment**
- **SCMP API Field: bill_payment**
- **Simple Order API Fields:**
  - For Card-Not-Present and Card-Present Transactions: **ccAuthService_billPayment**
  - For Card-Not-Present Transactions Only: **ccCreditService_billPayment**

ccCreditService_commerceIndicator

Type of transaction.

Some payment card companies use this information when determining discount rates.

Possible Values for the Authorization Service:

E-Commerce Indicator Values

Value	Description
`5`	Secure e-commerce transaction with a credential-on-file (COF) token. Include **ccAuthService_networkTokenCryptogram** in the authorization request.
`aesk`	American Express SafeKey authentication was successful.
`aesk attempted`	American Express SafeKey authentication was attempted but did not succeed.
`dipb`	Discover card type.
`install`	Installment payment. For merchant-initiated transactions on Visa Platform Connect with Mastercard in India or with an India-issued card, the `install` value is used for the installment payment scenario and for unscheduled credentials-on-file transactions.
`install_internet`	Non-U.S. e-commerce (Internet) installment payment. This value is not supported on all processors.
`internet`	Default value for authorizations. E-commerce order placed from a website. On Ingenico ePayments, this value is supported only for Cartes Bancaires.
`js`	JCB J/Secure authentication was successful.
`js_attempted`	JCB J/Secure authentication was attempted but did not succeed.
`moto`	Mail order or telephone order. On Ingenico ePayments, this value is supported only for Cartes Bancaires.
`moto_cc`	Mail order or telephone order from a call center. This value is available only on gateways in Asia, the Middle East, and Africa. Contact your Customer Support representative for details.
`pb`	ProtectBuy authentication was successful.
`pb_attempted`	ProtectBuy authentication was attempted but did not succeed.
`recurring`	Recurring payment that is a U.S. transaction or non-U.S. mail order/telephone order (MOTO) transaction. For merchant-initiated transactions on Visa Platform Connect with Mastercard in India or with an India-issued card, the `recurring` value is used for the recurring payment scenario.

E-Commerce Indicator Values (continued)

Value	Description
`recurring_internet`	Recurring payment that is a non-U.S. e-commerce (Internet) transaction.
`retail`	Card-present transaction.
`rpy`	RuPay PaySecure authentication was successful.
`spa`	• For Mastercard Identity Check: Authentication was successful or was attempted but did not succeed. The e-commerce indicator for all Mastercard Identity Check transactions, including authentication attempts, must be set to `spa`. Otherwise, the transactions are processed as non-identity check transactions. • For secure transactions in France: Successful authentication for a Mastercard card or a Cartes Bancaires card that is co-badged with Mastercard.
`spa_failure`	• For Mastercard Identity Check: Authentication failed. • For secure transactions in France: Authentication failure for a Mastercard card or a Cartes Bancaires card that is co-badged with Mastercard.
`up3ds`	For secure transactions for China UnionPay: Authentication was successful for a China UnionPay domestic debit card.
`up3ds_attempted`	For secure transactions for China UnionPay: Authentication was attempted but did not succeed for a China UnionPay domestic debit card.
`up3ds_failure`	For secure transactions for China UnionPay domestic debit cards: Authentication failed for a China UnionPay domestic debit card.
`vbv`	• For Visa Secure: Authentication was successful. • For secure transactions in France: Successful authentication for a Visa card or a Cartes Bancaires card that is co-badged with Visa.
`vbv_attempted`	• For Visa Secure: Authentication was attempted but did not succeed. • For secure transactions in France: Authentication was attempted for a Visa card or a Cartes Bancaires card that is co-badged with Visa.
`vbv_failure`	• For Visa Secure: Authentication failed. • For secure transactions in France: Authentication failure for a Visa card or a Cartes Bancaires card that is co-badged with Visa.

Possible Values for the Credit Service:

- `internet`: E-commerce order placed through a website. On Ingenico ePayments, this value is supported only for Cartes Bancaires.
- `moto`: Mail order or telephone order. Not supported on Cielo or UATP. On Ingenico ePayments, this value is supported only for Cartes Bancaires. On Barclays, this value is not permitted for Mestro International cards.
- `recurring`: Recurring payment that is a U.S. transaction or non-U.S. MOTO transaction. On Barclays, this value is not permitted for Mestro International cards.
- `recurring_internet`: Recurring payment that is a non-U.S. e-commerce (Internet) transaction.

Apple Pay

For the merchant decryption method, one of these values is required: `aesk`, `dipb`, `internet`, `spa`, `vbv`.

Ingenico ePayments

When you omit this field on Ingenico ePayments, the processor uses the default transaction type that they have on file for you.

Card-Present Transactions

For a card-present transaction, you must set this field to `retail`.

Payer Authentication

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthValidateReply_commerceIndicator** response field.

Payouts

For Barclays, the value for an account funding transaction (AFT) can be one of these indicators:

- `internet`—For a transaction that does not use 3-D Secure.
- `vbv` or `vbv_attempted`—For a transaction that uses 3-D Secure.

For Chase Paymentech Solutions, the value for an account funding transaction (AFT) and original credit transaction (OCT) is `internet`.

For FDC Compass and Visa Platform Connect, the value for an original credit transaction (OCT) is `internet`.

PIN Debit Transactions

For a PIN debit transaction, you must set this field to `retail`.

Samsung Pay

For the merchant decryption method, one of these values is required: `aesk`, `internet`, `spa`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - Account funding transaction (AFT): 20
  - Card-not-present transaction: 20
  - Card-present transaction: 20
  - Original credit transaction (OCT): 13
  - PIN debit transaction: 13

Mapping Information

- **REST API Field: processingInformation.commerceIndicator**
- **SCMP API Field: e_commerce_indicator**
- **Simple Order API Fields:**
  - **ccAuthService_commerceIndicator**
  - **ccCreditService_commerceIndicator**
  - **octService_commerceIndicator**
  - **pinDebitCreditService_commerceIndicator**
  - **pinDebitPurchaseService_commerceIndicator**

ccCreditService_industryDatatype

Indicates whether the transaction includes industry data.

For certain industries, you must set this field to an industry data value to be sent to the processor. When this field is not set to an industry value or is not included in the request, industry data does not go to the processor.

Industry Values and Documentation

Industry Value	Documentation
`airline`	*Airline Processing Using the Simple Order API*
`auto_rental`	Auto Processing guide (contact customer support)
`healthcare_medical`	Healthcare Processing guide (contact customer support)
`healthcare_transit`	Healthcare Processing guide (contact customer support)
`lodging`	Lodging Processing guide (contact customer support)
`restaurant`	*Card-Present Processing Using the Simple Order API*
`transit`	*Card-Present Processing Using the Simple Order API*

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 18

Mapping Information

- **REST API Field:processingInformation.industryDataType**
- **SCMP API Field: industry_datatype**
- **Simple Order API Fields:**
  - **ccAuthService_industryDatatype**
  - **ccCaptureService_industryDatatype**
  - **ccCreditService_industryDatatype**

ccCreditService_overridePaymentMethod

Flag that specifies the type of account associated with the card.

The cardholder provides this information during the payment process.

Possible values:

- `CH`: Checking account
- `CR`: Credit card account
- `SA`: Savings account

This field is required for transactions with Brazilian-issued cards.

Combo cards in Brazil contain credit and debit functionality in a single card. Visa systems use a credit bank identification number (BIN) for this type of card. Using the BIN to determine whether a card is debit or credit can cause transactions with these cards to be processed incorrectly. It is strongly recommended that you include this field for combo card transactions.

Cielo and Comercio Latino for Credit Card Transactions

On these processors, this field is supported only for authorizations. Possible values:

- `CR`: Credit card
- `DB`: Debit card

Visa Platform Connect for Credit Card Transactions

For combo card transactions with Mastercard in Brazil, the **card_usage** field is also supported.

Possible values:

- `CH`: Checking account
- `CR`: Credit card account
- `LI`: Line of credit or credit portion of combo card
- `PP`: Prepaid card or prepaid portion of combo card
- `SA`: Savings account

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR0
- Positions: 42-43
- Field: Account Selection

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Fields:**
  - **paymentInformation.card.useAs**
  - **paymentInformation.card.sourceAccountType**
- **SCMP API Field: override_payment_method**
- **Simple Order API Fields:**
  - **ccAuthService_overridePaymentMethod**
  - **ccCreditService_overridePaymentMethod**
  - **pinDebitCreditService_overridePaymentMethod**

ccCreditService_purchasingLevel

Flag that indicates the capture or credit request includes Level III data.

Set the value for this field to `3`.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Chase Paymentech Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

FDC Compass

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

FDC Nashville Global

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

GPN

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

OmniPay Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

RBS WorldPay Atlanta

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

TSYS Acquiring Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Worldpay VAP

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.purchaseLevel**
- **SCMP API Field: purchasing_level**
- **Simple Order API Fields:**
  - **ccCaptureService_purchasingLevel**
  - **ccCreditService_purchasingLevel**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A
- Chase Paymentech Solutions: N/A
- FDC Compass: N/A
- FDC Nashville Global: N/A
- GPN: N/A
- OmniPay Direct: N/A
- RBS WorldPay Atlanta: N/A
- TSYS Acquiring Solutions: N/A
- Visa Platform Connect: N/A
- Worldpay VAPP: N/A

ccIncrementalAuthReply_amount

Amount that was authorized.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.amountDetails.authorizedAmount**
- **SCMP API Field: incremental_auth_amount**
- **Simple Order API Field: ccIncrementalAuthReply_amount**

ccIncrementalAuthReply_authorizationCode

Authorization code.

This field is returned only when the processor returns this value.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 7

Mapping Information

- **REST API Field: processorInformation.approvalCode**
- **SCMP API Field: incremental_auth_code**
- **Simple Order API Field: ccIncrementalAuthReply_authorizationCode**

ccIncrementalAuthReply_authorizedDateTime

Date and time of authorization.

Specifications

- **Field Type:** Response
- **Data Type:** Date and time
- **Data Length:** 20

Mapping Information

- **REST API Field: submitTimeUtc**
- **SCMP API Field: incremental_auth_time**
- **Simple Order API Field: ccIncrementalAuthReply_authorizedDateTime**

ccIncrementalAuthReply_cardCategory

Visa product ID.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.category**
- **SCMP API Field: incremental_auth_card_category**
- **Simple Order API Field: ccIncrementalAuthReply_cardCategory**

ccIncrementalAuthReply_payment NetworkTransactionID

Network transaction identifier (TID).

You can use this value to identify a specific transaction when you are discussing the transaction with your processor.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: processorInformation.transactionId**
- **SCMP API Field: incremental_auth_payment_network_transaction_id**
- **Simple Order API Field: ccIncrementalAuthReply_paymentNetworkTransactionID**

ccIncrementalAuthReply_processorResponse

Error message from the issuer or the processor.

This field is returned only when the processor sends this value.

> **Important:** Do not use this field to evaluate the result of the request.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: processorInformation.responseCode**
- **SCMP API Field: incremental_auth_response**
- **Simple Order API Field: ccIncrementalAuthReply_processorResponse**

ccIncrementalAuthReply_reconciliationID

Reference number for the transaction.

You can use this value to reconcile Cybersource reports with processor reports.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: reconciliationId**
- **SCMP API Field: incremental_auth_trans_ref_no**
- **Simple Order API Field: ccIncrementalAuthReply_reconciliationID**

ccIncrementalAuthService_transactionLocalDateTime

Local date and time at your physical location.

Include both the date and time in this field or leave it blank.

Format: yyyyMMDDhhmmss

- MM = month
- yyyy = year
- DD = day
- hh = hour
- mm = minutes
- ss = seconds

Card-Present Transactions

This field is supported only on GPX, SIX, and Visa Platform Connect.

Visa Platform Connect and GPX

In Argentina, you must either include this field in the request, or your account must include a time zone:

- When you do not include this field, the value for this field is generated based on the time zone recorded in your account.
- When you do not include this field, and no time zone is recorded in your account, the value for this field is generated based on GMT when the request is received.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 16-21
- Field: Local Date

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 14

Mapping Information

- **REST API Field: merchantInformation.transactionLocalDateTime**
- **SCMP API Field: transaction_local_date_time**
- **Simple Order API Fields:**
  - **ccIncrementalAuthService_transactionLocalDateTime**
  - **transactionLocalDateTime**

ccAuthService_cavv

Cardholder authentication verification value (CAVV).

This value is a transaction identifier generated by the issuing bank during payer authentication.

This value must be 28-character Base64 or 40-character hex binary.

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthValidateReply_cavv** response field.

Apple Pay and Samsung Pay Transactions

- American Express: for a 20-byte cryptogram, set this field to the cryptogram for authorizations with payment network tokens. For a 40-byte cryptogram, set this field to block A of the cryptogram for authorizations with payment network tokens.
- Discover: the value for this field can be a 20 or 40-character hex binary. All cryptograms use of these formats.
- Visa: the value for this field must be 28-character base 64 or 40-character hex binary. All cryptograms use one of these formats.

China UnionPay

This field and **ccAuthService_commerceIndicator** field are required for authorizations for China UnionPay domestic debit cards.

FDC Nashville Global

For Visa Secure, this field is set to the value for the transaction identifier (XID) when the XID is present in the authorization request and the CAVV is not present.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR8
- Position: 77-78
- Field: CAVV version and authentication action

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40

Mapping Information

- **REST API Field: consumerAuthenticationInformation. cavv**
- **SCMP API Field: cavv**
- **Simple Order API Field: ccAuthService_cavv**

check_accountNumber

Account number.

When processing encoded account numbers, use this field for the encoded account number.

Services

- **Debit:** Required
- **Credit:** Required

Specifications

- **Field Type:** Request
- **Data Type:** Non-negative integer
- **Data Length:** (17)

Mapping Information

- **REST API Field: paymentInformation.bank.account.number**
- **SCMP API Field: ecp-account-no**
- **Simple Order API Field: check_accountNumber**

check_accountType

Account type. Possible values:

- `C`: Checking.
- `G`: General ledger. This value is supported only on Wells Fargo ACH.
- `S`: Savings
- `X`: Corporate checking

Services

- **Debit:** Required
- **Credit:** Required

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** (1)

Mapping Information

- **REST API Field: paymentInformation.bank.account.type**
- **SCMP API Field: ecp-account-type**
- **Simple Order API Field: check_accountType**

check_bankTransitNumber

Bank routing number. This is also called the *transit number*.

Specifications

- **Field Type:** Request
- **Data Type:** Non-negative integer
- **Data Length:** 9

Mapping Information

- **REST API Field: paymentInformation.bank.routingNumber**
- **SCMP API Field: ecp_rdfi**
- **Simple Order API Fields: check_bankTransitNumber**

check_checkNumber

Check number.

Optional for Chase Paymentech Solutions.

Not used with Cybersource ACH Service.

Strongly recommended on debit requests. Optional on credits for TeleCheck.

Specifications

SCMP API

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 8

Simple Order API

- **Field Type:** Request
- **Data Type:** String with numbers
- **Data Length:** 8

Mapping Information

- **REST API Field: paymentInformation.bank.account.checkNumber**
- **SCMP API Field: ecp_check_no**
- **Simple Order API Field: check_checkNumber**

check_imageReferenceNumber

Image reference number associated with the check. You cannot include any special characters.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 32

Mapping Information

- **REST API Field: paymentInformation.bank.account.imageReferenceNumber**
- **SCMP API Field: ecp_image_reference_number**
- **Simple Order API Fields: check_imageReferenceNumber**

check_secCode

Authorization method used for the transaction.

For Bank of America ACH, use these possible values:

- `CCD`
- `PPD`
- `TEL`
- `WEB`

For Chase Paymentech Solutions in Canada, use `WEB` for all ACH transactions.

For Chase Paymentech Solutions in the US, use these possible values:

- `ARC`
- `CCD`
- `POP`
- `PPD`
- `TEL`
- `WEB`

For TeleCheck, use these possible values:

- `PPD`
- `TEL`
- `WEB`

For Wells Fargo ACH, used these possible values:

- `CCD`
- `PPD`
- `TEL`
- `WEB`

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: processingInformation.bankTransferOptions.secCode**
- **SCMP API Field: ecp_sec_code**
- **Simple Order API Fields: check_secCode**

check_terminalCity

City in which the terminal is located.

If more than four alphanumeric characters are submitted, the transaction will be declined. You cannot include any special characters.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: processingInformation.bankTransferOptions.terminalCity**
- **SCMP API Field: ecp_terminal_city**
- **Simple Order API Fields: check_terminalCity**

check_terminalState

State in which the terminal is located.

If more than two alphanumeric characters are submitted, the transaction will be declined. You cannot include any special characters.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: processingInformation.bankTransferOptions.terminalState**
- **SCMP API Field: ecp_terminal_state**
- **Simple Order API Fields: check_terminalState**

comments

Brief description or comments for the order.

This value is not sent to the processor. Instead, the value is forwarded to the Cybersource reporting software.

This field is supported only for Cybersource integrations.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: comments**
- **Simple Order API Field: comments**

davReply_addressType

Contains the record type of the postal code to which the address was matched.

U.S. Addresses

Depending on the quantity and quality of the address information provided, this field contains one or two characters:

- One character: Sufficient correct information was provided to result in accurate matching.
- Two characters: Standardization would provide a better address if more or better input address information was available. The second character is `D` (default).

Blank fields are unassigned. When an address cannot be standardized, the parsing of the input data determines the address type. In this case, standardization can indicate a street, rural route, highway contract, general delivery, or PO box.

These address type codes are returned:

Address Type Codes

Code	Description
`F`	Firm.
`G`	General delivery.
`H`	High-rise apartment or office building.
`M`	Military.
`P`	Post office box.
`R`	Rural route or highway contract.
`S`	Street (usually one side of one city block).
`FD`	Firm default. The standardization process could not assign a firm extended ZIP code.
`GD`	General delivery default. Assigned when general delivery is the only primary name listed for the ZIP code.
`HD`	High-rise default. The standardization process assigned the extended ZIP code for the entire building. Assignment at the unit, floor, or wing level is possible. A suite or apartment number could be out of range.
`RD`	Rural route or highway contract default. The standardization process assigned the extended ZIP code for the entire route, but it was unable to assign the box number.
`SD`	Street default. The standardization process assigned the extended ZIP code for the block because there was no extended ZIP code for the building.

Address Type Codes (continued)

Code	Description
SR	Street served by route.
UD	Unique default. The owner of the ZIP code did not assign extended ZIP codes, or the address was not matched.

All Other Countries

This field contains one of these values:

- P: Post
- S: Street
- X: Unknown

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.addressType**
- **SCMP API Field: dav_address_type**
- **Simple Order API Field: davReply_addressType**

davReply_barCode

Delivery point barcode created from the input address.

Each address in the US Postal System is assigned a set of digits that are combined with the ZIP + 4 code to create a unique numeric identifier for each delivery address. This unique identifier number is converted into a barcode and placed on mail and packages so they can be automatically sorted by barcode scanners.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.barCode.value**
- **SCMP API Field: dav_bar_code**
- **Simple Order API Field: davReply_barCode**

davReply_barCodeCheckDigit

Check digit for the 11-digit delivery point barcode.

Specifications

- **Field Type:** Response
- **Data Type:** Non-negative integer
- **Data Length:** 1

Mapping Information

- **REST API Field: addressVerificationInformation.barCode.checkDigit**
- **SCMP API Field: dav_bar_code_chkdigit**
- **Simple Order API Field: davReply_barCodeCheckDigit**

davReply_caErrorInfo

Four-character error code returned for Canadian addresses.

For possible values, see Error Codes: International Addresses in the *Delivery Address Verification* guide.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.errorCode**
- **SCMP API Field: dav_ca_error_info**
- **Simple Order API Field: davReply_caErrorInfo**

davReply_careOf

Care of data dropped from the standard address.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.careOf**
- **SCMP API Field: dav_careof**
- **Simple Order API Field: davReply_careOf**

davReply_intlErrorInfo

Four-character error code returned for international addresses.

For possible values, see Error Codes: International Addresses in the *Delivery Address Verification* guide.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.errorCode**
- **SCMP API Field: dav_intl_error_info**
- **Simple Order API Field: davReply_intlErrorInfo**

davReply_intlInfo

Four-to-ten-character status code returned for international addresses.

For possible values, see Status Codes: International Addresses in the *Delivery Address Verification* guide.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.statusCode**
- **SCMP API Field: dav_intl_info**
- **Simple Order API Field: davReply_intlInfo**

davReply_matchScore

Indicates the probable correctness of the address match.

Returned for U.S. and Canadian addresses. Returns a value from `0-9`, where `0` is most likely to be correct and `9` is least likely to be correct, or `-1` if there is no address match.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 1

Mapping Information

- **REST API Field: addressVerificationInformation.matchScore**
- **SCMP API Field: dav_match_score**
- **Simple Order API Field: davReply_matchScore**

davReply_standardizedAddress1

First line of the standardized address, including apartment information.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.standardAddress.address1.withApartment**
- **SCMP API Field: dav_standard_address**
- **Simple Order API Field: davReply_standardizedAddress1**

davReply_standardizedAddress2

Second line of the standardized address, including apartment information.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.standardAddress.address2**
- **SCMP API Field: dav_standard_address2**
- **Simple Order API Field: davReply_standardizedAddress2**

davReply_standardizedAddress3

Third line of the standardized address.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.standardAddress.address3**
- **SCMP API Field: dav_standard_address3**
- **Simple Order API Field: davReply_standardizedAddress3**

davReply_standardizedAddress4

Fourth line of the standardized address.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.standardAddress.address4**
- **SCMP API Field: dav_standard_address4**
- **Simple Order API Field: davReply_standardizedAddress4**

davReply_standardizedAddressNoApt

First line of the standardized address, without apartment information.

Returned for U.S. and Canadian addresses.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.standardAddress.address1.withoutApartment**
- **SCMP API Field: dav_standard_address_noapt**
- **Simple Order API Field: davReply_standardizedAddressNoApt**

davReply_standardizedCSP

Standardized city, state, or province and ZIP + 4 code or postal code line.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.standardAddress.csz**
- **SCMP API Field: dav_standard_csz**
- **Simple Order API Field: davReply_standardizedCSZ**

davReply_standardizedCity

Standardized city name.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.standardAddress.locality**
- **SCMP API Field: dav_standard_city**
- **Simple Order API Field: davReply_standardizedCity**

davReply_standardizedCountry

Standardized city name.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.standardAddress.locality**
- **SCMP API Field: dav_standard_city**
- **Simple Order API Field: davReply_standardizedCity**

davReply_standardizedCounty

U.S. county if available.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.standardAddress.county**
- **SCMP API Field: dav_standard_county**
- **Simple Order API Field: davReply_standardizedCounty**

davReply_standardizedISOCountry

Standardized two-character ISO country or region code.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.standardAddress.iso.Country**
- **SCMP API Field: dav_standard_iso_country**
- **Simple Order API Field: davReply_standardizedISOCountry**

davReply_standardizedPostalCode

Standardized U.S. ZIP + 4 postal code.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: addressVerificationInformation.standardAddress.postalCode**
- **SCMP API Field: dav_standard_zip**
- **Simple Order API Field: davReply_standardizedPostalCode**

davReply_standardizedState

United States Postal Service standardized state or province abbreviation.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.standardAddress.administrativeArea**
- **SCMP API Field: dav_standard_state**
- **Simple Order API Field: davReply_standardizedState**

davReply_usErrorInfo

Four-character error code returned for U.S. addresses.

For possible values, see Error Codes: U.S. Addresses in the *Delivery Address Verification* guide.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.errorCode**
- **SCMP API Field: dav_us_error_info**
- **Simple Order API Field: davReply_usErrorInfo**

davReply_usInfo

Four-to-ten character status code returned for U.S. addresses.

For possible values, see Status Codes: U.S. Addresses in the *Delivery Address Verification* guide.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.statusCode**
- **SCMP API Field: dav_us_info**
- **Simple Order API Field: davReply_usInfo**

davReply_caInfo

Four-to-ten-character status code returned for Canadian addresses.

For possible values, see Status Codes: International Addresses in the *Delivery Address Verification* guide.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: addressVerificationInformation.statusCode**
- **SCMP API Field: dav_ca_info**
- **Simple Order API Field: davReply_caInfo**

davService_run

Indicates whether to include **davService** in your request.

The field can contain one of these values:

- `true`: Include the service in your request.
- `false`: Do not include the service in your request (default).

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field.
- **SCMP API Field:** No corresponding field.
- **Simple Order API Field: davService_run**

dcc_dccIndicator

Enables Dynamic Currency Conversion during an authorization.

Available values:

- `0`: Not enabled (default)
- `1`: Enabled

Syntax

This syntax is used with this field:

```
dcc_dccIndicator=1
```

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: orderInformation.amountdetails.currencyConversion.indicator**
- **SCMP API Field: dcc_indicator**
- **Simple Order API Field: dcc_dccIndicator**

dcc_referenceNumber

A Unique transaction iditifier provided by the dynamic currency conversion provider.

Syntax

This syntax is used with this field:

```
dcc_referenceNumber=[ReferenceNumber]
```

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: reconciliationId**
- **SCMP API Field: dcc_reference_number**
- **Simple Order API Field: dcc_referenceNumber**

debtIndicator

Flag that specifies whether this is a payment towards an existing contractual loan.

Possible values:

- true: Loan payment.
- false (default): Not a loan payment.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.recurringOptions.loanPayment**
- **SCMP API Field: debt_indicator**
- **Simple Order API Field: debtIndicator**

decision

Summary of the result of the overall request.

Possible values:

- `ACCEPT`: Request succeeded.
- `ERROR`: System error occurred.
- `REJECT`: One or more of the service requests were declined.
- `REVIEW`: The order was flagged for review. This value is returned only when you use Decision Manager.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: decision**

deniedPartiesMatch_N_address_0 through deniedPartiesMatch_N_address_N

Address was found on the matched sanction list for the entity (name and address) in the request.

This field is only used when the **processingInformation.actionList** field contains the value `WATCHLIST_SCREENING`.

Specifications

- **Field Type:** Response
- **Data Type:** Array of strings
- **Data Length:** 2,147,483,647

Mapping Information

- **REST API Field: watchlistScreeningInformation.watchList.matches[].addresses[]**
- **SCMP API Field: export_matchN_address1** to **export_matchN_addressN**
- **Simple Order API Field: deniedPartiesMatch_N_address_0** through **deniedPartiesMatch_N_address_N**

deniedPartiesMatch_N_list

List on which the first Denied Parties List match appears.

This field is used only when the **processingInformation.actionList** field contains the value `WATCHLIST_SCREENING`.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: watchlistScreeningInformation.watchList.matches[].sanctionList**
- **SCMP API Field: export_matchN_list**
- **Simple Order API Field: deniedPartiesMatch_N_list**

deniedPartiesMatch_N_name_0 through deniedPartiesMatch_N_nameN

Name found on the matched sanction list for the entity (name and address) in the request.

This field is used only when the **processingInformation.actionList** field contains the value `WATCHLIST_SCREENING`.

Specifications

- **Field Type:** Response
- **Data Type:** Array of strings
- **Data Length:** 2,147,483,647

Mapping Information

- **REST API Field: watchlistScreeningInformation.watchList.matches[].aliases[]**
- **SCMP API Field: export_matchN_name1** to **export_matchN_nameN**
- **Simple Order API Field: deniedPartiesMatch_N_name_0** through **deniedPartiesMatch_N_name_N**

deniedPartiesMatch_N_programN

Sub-lists that match the order data.

Specifications

- **Field Type:** Response
- **Data Type:** Array of strings
- **Data Length:** 2,147,483,647

Mapping Information

- **REST API Field: watchlistScreeningInformation.watchList.matches[].programs[]**
- **SCMP API Field: export_matchN_programN**
- **Simple Order API Field: deniedPartiesMatch_N_program_N**

ecAuthenticateReply_checkpointSummary

Information about the parameters sent in the authenticate message, which is described in Check Point Summary Codes (on page).

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 600

Mapping Information

- **REST API Field:** No equivalent field.
- **SCMP API Field: ecp_authenticate_checkpoint_summary**
- **Simple Order API Field: ecAuthenticateReply_checkpointSummary**

ecAuthenticateReply_processorResponse

Result code returned by the payment processor.

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field:** No equivalent field.
- **SCMP API Field: ecp_authenticate_response**
- **Simple Order API Field: ecAuthenticateReply_processorResponse**

ecAuthenticateReply_requestDateTime

Date and time when the service was requested.

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field:** No equivalent field.
- **SCMP API Field: ecp_authenticate_request_time**
- **Simple Order API Field: ecAuthenticateReply_requestDateTime**

ecAuthenticateReply_fraudShieldIndicators

Information about the fraud checks performed.

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 300

Mapping Information

- **REST API Field:** No equivalent field.
- **SCMP API Field: ecp_authenticate_fraud_shield_indicators**
- **Simple Order API Field: ecAuthenticateReply_fraudShieldIndicators**

ecCreditReply_amount

Total amount submitted to the payment processor.

Specifications

- **Field Type:** Reply
- **Data Type:** Decimal
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.amountDetails.totalAmount**
- **SCMP API Field: ecp_credit_total_amount**
- **Simple Order API Field: ecCreditReply_amount**

ecCreditReply_ownerMerchantID

Merchant ID that was used to create the subscription or token for which the service was requested.

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 30

Mapping Information

- **REST API Field: clientReferenceInformation.ownerMerchantId**
- **SCMP API Field: ecp_credit_owner_merchant_id**
- **Simple Order API Field: ecCreditReply_ownerMerchantID**

ecCreditReply_processorResponse

Result code returned by the payment processor.

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: processorInformation.responseCode**
- **SCMP API Field: ecp_credit_result_code**
- **Simple Order API Field: ecCreditReply_processorResponse**

ecCreditReply_processorTransactionID

Transaction identifier or tracking ID returned by the payment processor.

For Wells Fargo ACH, the value for this field is the same as the value for **ecp_ref_no**.

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 87

Mapping Information

- **REST API Field: processorInformation.transactionId**
- **SCMP API Field: ecp_credit_processor_trans_id**
- **Simple Order API Field: ecCreditReply_processorTransactionID**

ecCreditReply_reconciliationID

Reference number for the transaction.

For Wells Fargo ACH, Cybersource generates a unique transaction identifier.

For Bank of America ACH, Cybersource generates a unique transaction identifier.

For some processors, you can use this value to reconcile your Cybersource reports with your processor reports.

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: reconciliationId**
- **SCMP API Field: ecp_credit_ref_no**
- **Simple Order API Field: ecCreditReply_reconciliationID**

ecCreditReply_requestDateTime

Time credit was requested in UTC.

Specifications

- **Field Type:** Reply
- **Data Type:** Date and time
- **Data Length:** 20

Mapping Information

- **REST API Field: submittimeutc**
- **SCMP API Field: ecp_credit_submit_time**
- **Simple Order API Field: ecCreditReply_requestDateTime**

ecCreditReply_settlementMethod

Method used to settle the credit. Possible values:

- `A`: Automated Clearing House
- `B`: Best possible
- `F`: Facsimile

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.bankTransferOptions.settlementMethod**
- **SCMP API Field: ecp_credit_settlement_method**
- **Simple Order API Field: ecCreditReply_settlementMethod**

ecCreditReply_verificationCodeRaw

Raw results from the ACH verification service.

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: processorInformation.achVerification.resultCoderaw**
- **SCMP API Field: ecp_credit_verification_code_raw**
- **Simple Order API Field: ecCreditReply_verificationCodeRaw**

ecCreditService_effectiveDate

Effective date for the transaction. The effective date must be within 45 days of the current day. If you do not include this value, Cybersource sets the effective date to the next business day.

Format: MMDDYYYY

Supported only for the Cybersource ACH Service.

When the effective date is not set, the echeck transaction is batched at the next available batch time. When the echeck transaction is batched, the payment status changes to Payment. However, when the effective date is set to a date in advance, the transaction batches on the set date. While the transaction is awaiting batching, the transaction status is set to Submitted. When the echeck transaction is batched on the effective date, the transaction status changes to Payment.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: processingInformation.bankTransferOptions.effectiveDate**
- **SCMP API Field: ecp_effective_date**
- **Simple Order API Fields:**
  - **ecCreditService_effectiveDate**
  - **ecDebitService_effectiveDate**

ecCreditService_referenceNumber

Check reference number. Identifier used for tracking a request through to the payment processor for reconciliation.

If you do not provide this value, Cybersource generates a unique value and returns it to you in the following field:

- **ecp_debit_ref_no** if you are requesting a debit
- **ecp_credit_ref_no** if you are requesting a credit

Debits

Bank of America ACH: Cybersource generates a unique transaction identifier.

Chase Paymentech Solutions: Optional.

TeleCheck: For deferred payments, set this field to the value you received in the **ecp_debit_ref_no** field in the reply message for the associated debit.

Wells Fargo ACH: Cybersource generates a unique transaction identifier.

Credits

Bank of America ACH: Cybersource generates a unique transaction identifier.

Chase Paymentech Solutions: Optional.

TeleCheck: Required for stand-alone credits. Optional for follow-on credits.

Wells Fargo ACH: Cybersource generates a unique transaction identifier.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length**:
  - : 50
  - All other processors: 60

Mapping Information

- **REST API Field: processingInformation.reconciliationId**
- **SCMP API Field: ecp_ref_no**
- **Simple Order API Fields:**
  - **ecCreditService_referenceNumber**
  - **ecDebitService_referenceNumber**

ecCreditService_settlementMethod

Method used for settlement.

Possible values:

- `A`: Automated Clearing House (default for credits and all transactions using Canadian dollars).
- `F`: Facsimile draft.
- `B`: Best possible (default if the field has not already been configured for your merchant ID).

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.bankTransferOptions.settlementMethod**
- **SCMP API Field: ecp_settlement_method**
- **Simple Order API Fields:**
  - **ecCreditService_settlementMethod**
  - **ecDebitService_settlementMethod**

ecDebitReply_amount

Total amount submitted to the payment processor.

Specifications

- **Field Type:** Reply
- **Data Type:** Decimal
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.amountDetails.totalAmount**
- **SCMP API Field: ecp_debit_total_amount**
- **Simple Order API Field: ecDebitReply_amount**

ecDebitReply_ownerMerchantID

Merchant ID that was used to create the subscription or token for which the service was requested.

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 30

Mapping Information

- **REST API Field: clientReferenceInformation.ownerMerchantId**
- **SCMP API Field: ecp_debit_owner_merchant_id**
- **Simple Order API Field: ecDebitReply_ownerMerchantID**

ecDebitReply_processorResponse

Result code returned by the payment processor.

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: processorInformation.responseCode**
- **SCMP API Field: ecp_debit_result_code**
- **Simple Order API Field: ecDebitReply_processorResponse**

ecDebitReply_processorTransactionID

Transaction identifier or tracking ID returned by the payment processor.

For Wells Fargo ACH, the value for this field is the same as the value for **ecp_ref_no**.

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 87

Mapping Information

- **REST API Field: processorInformation.transactionId**
- **SCMP API Field: ecp_debit_processor_trans_id**
- **Simple Order API Field: ecDebitReply_processorTransactionID**

ecDebitReply_requestDateTime

Time debit was requested in UTC.

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field: submittimeutc**
- **SCMP API Field: ecp_debit_submit_time**
- **Simple Order API Field: ecDebitReply_requestDateTime**

ecDebitReply_settlementMethod

Method used to settle the debit.

Possible values:

- `A`: Automated Clearing House
- `B`: Best possible
- `F`: Facsimile

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.bankTransferOptions.settlementMethod**
- **SCMP API Field: ecp_debit_settlement_method**
- **Simple Order API Field: ecDebitReply_settlementMethod**

ecDebitReply_verificationCode

Indicates the results from the ACH verification service.

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: processorInformation.achVerification.resultCode**
- **SCMP API Field: ecp_debit_verification_code**
- **Simple Order API Field: ecDebitReply_verificationCode**

ecDebitReply_verificationCodeRaw

Raw results from the ACH verification service.

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: processorInformation.achVerification.resultCodeRaw**
- **SCMP API Field: ecp_debit_verification_code_raw**
- **Simple Order API Field: ecDebitReply_verificationCodeRaw**

ecDebitReply_verificationLevel

Level of screening for the request.

Possible values:

- `1`: Validation
- `2`: Verification
- `3`: Guarantee

Specifications

- **Field Type:** Reply
- **Data Type:** Non-negative integer
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.bankTransferOptions.fraudScreeningLevel**
- **SCMP API Field: ecp_debit_verification_level**
- **Simple Order API Field: ecDebitReply_verificationLevel**

ecDebitService_debitRequestID

The request ID returned for debit or credit requests.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field: id**
- **SCMP API Field: ecp_debit_request_id**
- **Simple Order API Field: ecDebitService_debitRequestID**

ecDebitService_debitRequestID

The request ID returned for debit or credit requests. See either Deferred and Partial Payments (on page), or Follow-On Credits and Stand-Alone Credits (on page).

Specifications

- **Field Type:** Reply
- **Data Type:** String
- **Data Length:** 26
- **SCMP API Field: ecp_debit_request_id**
- **Simple Order API Field: ecDebitService_debitRequestID**
- **REST API Field: id**

ecDebitService_effectiveDate

Effective date for the transaction. The effective date must be within 45 days of the current day. If you do not include this value, Cybersource sets the effective date to the next business day.

Format: MMDDYYYY

Supported only for the Cybersource ACH Service.

When the effective date is not set, the echeck transaction is batched at the next available batch time. When the echeck transaction is batched, the payment status changes to Payment. However, when the effective date is set to a date in advance, the transaction batches on the set date. While the transaction is awaiting batching, the transaction status is set to Submitted. When the echeck transaction is batched on the effective date, the transaction status changes to Payment.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: processingInformation.bankTransferOptions.effectiveDate**
- **SCMP API Field: ecp_effective_date**
- **Simple Order API Fields:**
  - **ecCreditService_effectiveDate**
  - **ecDebitService_effectiveDate**

ecDebitService_paymentMode

Flag that indicates whether to process the payment. Use with deferred payments.

Possible values:

- `0`: Standard debit with immediate payment (default).
- `1`: For deferred payments, indicates that this is a deferred payment and that you will send a debit request with **ecp_payment_mode**=`2` in the future.
- `2`: For deferred payments, indicates notification to initiate payment.

  Chase Paymentech Solutions: Use for deferred and partial payments.

  TeleCheck: Use for deferred and partial payments.

  Cybersource ACH Service: Not used.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.bankTransferOptions.paymentCategoryCode**
- **SCMP API Field: ecp_payment_mode**
- **Simple Order API Fields: ecDebitService_paymentMode**

ecDebitService_referenceNumber

Check reference number. Identifier used for tracking a request through to the payment processor for reconciliation.

If you do not provide this value, Cybersource generates a unique value and returns it to you in the following field:

- **ecp_debit_ref_no** if you are requesting a debit
- **ecp_credit_ref_no** if you are requesting a credit

Debits

Bank of America ACH: Cybersource generates a unique transaction identifier.

Chase Paymentech Solutions: Optional.

TeleCheck: For deferred payments, set this field to the value you received in the **ecp_debit_ref_no** field in the reply message for the associated debit.

Wells Fargo ACH: Cybersource generates a unique transaction identifier.

Credits

Bank of America ACH: Cybersource generates a unique transaction identifier.

Chase Paymentech Solutions: Optional.

TeleCheck: Required for stand-alone credits. Optional for follow-on credits.

Wells Fargo ACH: Cybersource generates a unique transaction identifier.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length**:
  - : 50
  - All other processors: 60

Mapping Information

- **REST API Field: processingInformation.reconciliationId**
- **SCMP API Field: ecp_ref_no**
- **Simple Order API Fields:**
  - **ecCreditService_referenceNumber**
  - **ecDebitService_referenceNumber**

ecDebitService_verificationLevel

Level of fraud screening. Possible values:

- `1`: Validation—default if the field has not already been configured for your merchant ID
- `2`: Verification

Specifications

- **Field Type:** Request
- **Data Type:** Non-negative integer
- **Data Length:** 1
- **REST API Field: processingInformation.bankTransferOptions.fraudScreeningLevel**
- **SCMP API Field: ecp_verification_level**
- **Simple Order API Fields: ecDebitService_verificationLevel**

ecDebitService_settlementMethod

Method used for settlement.

Possible values:

- `A`: Automated Clearing House (default for credits and all transactions using Canadian dollars).
- `F`: Facsimile draft.
- `B`: Best possible (default if the field has not already been configured for your merchant ID).

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.bankTransferOptions.settlementMethod**
- **SCMP API Field: ecp_settlement_method**
- **Simple Order API Fields:**
  - **ecCreditService_settlementMethod**
  - **ecDebitService_settlementMethod**

eligibilityInquiry

Flag that specifies whether the authorization request is a Crediario eligibility inquiry.

This field is supported only for Crediario installment payments in Brazil on Visa Platform Connect.

Set the value for this field to `Crediario`.

Specifications

- **Field Type:** Request
- **Type:** String
- **Length:** 9

Mapping Information

- **REST API Field: installmentInformation.eligibilityInquiry**
- **SCMP API Field: eligibility_inquiry**
- **Simple Order API Field: eligibilityInquiry**

emvReply_chipValidationResults

Cryptogram validation results returned by the entity or service specified in **emvReply_chipValidationType**.

Possible values:

- `A`: Application cryptogram is valid, but the application transaction counter (ATC) is outside the allowed range. (A large increase in ATC values can indicate data copying or other fraud.)
- `C`: Chip validation was completed successfully.
- `E`: Application cryptogram is valid, but the ATC indicates possible replay fraud.
- `F`: Format error in the chip data.
- `G`: Application cryptogram is valid but is not a valid authorization request cryptogram (ARQC).
- `I`: Application cryptogram is invalid.
- `T`: Application cryptogram is valid, but terminal verification results (TVR) or card verification results (CVR) are invalid.
- `U`: Application cryptogram could not be validated because of a technical error.

This field is returned only for Mastercard near-field communication (NFC) authorizations that use payment network tokens on Visa Platform Connect.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: pointOfSaleInformation.emv.chipValidationResult**
- **SCMP API Field: emv_reply_chip_validation_results**
- **Simple Order API Field: emvReply_chipValidationResults**

emvReply_chipValidationType

Entity or service that provided the validation results returned in the **emvReply_chipValidationResults** field.

Possible values:

- `02`: Mastercard pre-validation service. The Mastercard authorization platform validated the cryptogram before the issuer received the authorization request.
- `03`: Mastercard stand-in service. The Mastercard authorization platform validated the cryptogram because the issuer was not available.
- `50`: Issuer.
- `90`: Chip fall-back transaction downgrade process. The chip could not be read.

This field is returned only for Mastercard near-field communication (NFC) authorizations that use payment network tokens on Visa Platform Connect.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: pointOfSaleInformation.emv.chipValidationType**
- **SCMP API Field: emv_reply_chip_validation_type**
- **Simple Order API Field: emvReply_chipValidationType**

emvReply_combinedTags

EMV data that is transmitted from the chip card to the issuer and from the issuer to the chip card.

The EMV data is in the tag-length-value format and includes chip card tags, terminal tags, and transaction detail tags.

For more information about the individual tags, see the Application Specification section in the EMV specifications.

Information about EMV in this topic applies to payment card processing and PIN debit processing. All other information applies only to payment card processing. PIN debit processing is available with the FDC Nashville Global and Visa Platform Connect processors.

Specifications

Visa Platform Connect for card-present transactions

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 252

Mapping Information

- **REST API Field: pointOfSaleInformation.emv.tags**
- **SCMP API Field: emv_reply_combined_tags**
- **Simple Order API Field: emvReply_combinedTags**

emvRequest_cardSequenceNumber

Number assigned to a specific card when two or more cards are associated with the same primary account number.

This value enables issuers to distinguish among multiple cards that are linked to the same account. This value can also act as a tracking tool when the issuer reissues cards. When this value is available, it is provided by the chip reader. When the chip reader does not provide this value, do not include this field in your request.

Information about EMV in this topic applies to payment card processing and PIN debit processing. All other information in this topic applies only to payment card processing. PIN debit processing is available only on Visa Platform Connect and FDC Nashville Global.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String with numbers only
- **Data Length:** 2

Other Processors

- **Field Type:** Request
- **Data Type:** String with numbers only
- **Data Length:** 3

Mapping Information

- **REST API Field: pointOfSaleInformation.emv.cardSequenceNumber**
- **SCMP API Field: emv_request_card_sequence_number**
- **Simple Order API Field: emvRequest_cardSequenceNumber**

emvRequest_combinedTags (request)

EMV data that is transmitted from the chip card to the issuer and from the issuer to the chip card.

The EMV data is in the tag-length-value format and includes chip card tags, terminal tags, and transaction detail tags.

Warning: The following tags contain sensitive information and must not be included in this field:

- 56: Track 1 equivalent data
- 57: Track 2 equivalent data
- 5A: Application PAN
- 5F20: Cardholder name
- 5F24: Application expiration date
- 99: Transaction PIN
- 9F0B: Cardholder name (extended)
- 9F1F: Track 1 discretionary data
- 9F20: Track 2 discretionary data

For information about the individual tags, see the “Application Specification” section in the EMV specifications.

For captures, this field is required for contact EMV transactions. Otherwise, it is optional.

For credits, this field is required for contact EMV stand-alone credits and contactless EMV standalone credits. Otherwise, it is optional.

Important: For contact EMV captures, contact EMV stand-alone credits, and contactless EMV stand-alone credits, you must include the following tags in this field.

- 95: Terminal verification results
- 9F10: Issuer application data
- 9F26: Application cryptogram

Important: If the original transaction includes EMV tag 55 (FDI Field 55), this tag must be included in follow-on reversal transactions.

Information in this topic about EMV applies to payment card processing and PIN debit processing. All other information in this topic applies only to payment card processing.

PIN debit processing is available on Visa Platform Connect and FDC Nashville Global.

Visa Platform Connect

Include the following tag for better interchange rates:

- 84: Dedicated file name

The value for Tag 84 corresponds to the following data in the TC 33 capture file:

- Record: CP02 TCR0
- Position: 118-149
- Field: Dedicated File Name - Application ID (AID)

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Merchants that accept contactless transactions that must include the tap-to-phone indicator in tag 9F6E byte 4 bit 8. Possible values:

- `0`: Transaction did not originate from a tap-to-phone acceptance device.
- `1`: Transaction originated from a tap-to-phone acceptance device.

Acquirers must support the tap-to-phone indicator in the TC 33 capture file location:

- Record: CP02 TCR0
- Position: 150
- Field: Tap-to-Phone Indicator

Specifications

Visa Platform Connect

- **Field Type:** Request
- **Data Length in Japan:** 199 bytes
- **Data Type and Length in Other Countries:**
    - Data Type: String
    - Data Length: 252

JCN Gateway

- **Field Type:** Request
- **Data Length:** 199 bytes

Mapping Information

- **REST API Field: pointOfSaleInformation.emv.tags**
- **SCMP API Field: emv_request_combined_tags**
- **Simple Order API Field: emvRequest_combinedTags**

emvRequest_fallback

Indicates that a fallback method was used to enter payment card information into the POS terminal.

When a technical problem prevents a successful exchange of information between a chip card and a chip-capable terminal:

1. Swipe the card or key the payment card information into the POS terminal.
2. Use the **pos_entryMode** field to indicate whether the information was swiped or keyed.

Possible values:

- `true`: Fallback method was used.
- `false` (default): Fallback method was not used.

This field is supported on processors that support EMV fallback transactions.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: pointOfSaleInformation.emv.fallback**
- **SCMP API Field: emv_request_fallback**
- **Simple Order API Field: emvRequest_fallback**

emvRequest_fallbackCondition

Reason for the EMV fallback transaction.

An EMV fallback transaction occurs when an EMV transaction fails for one of these reasons:

- Technical failure: the EMV terminal or EMV card cannot read and process chip data.
- Empty candidate list failure: the EMV terminal does not have any applications in common with the EMV card. EMV terminals are coded to determine whether the terminal and EMV card have any applications in common. EMV terminals provide this information to you.

Possible values:

- `1`: Transaction was initiated with information from a magnetic stripe, and the previous transaction at the EMV terminal either used information from a successful chip read or it was not a chip transaction.
- `2`: Transaction was initiated with information from a magnetic stripe, and the previous transaction at the EMV terminal was an EMV fallback transaction because the attempted chip read was unsuccessful.

This field is supported on GPN, JCN Gateway, and Visa Platform Connect.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: pointOfSaleInformation.emv.fallbackCondition**
- **SCMP API Field: emv_request_fallback_condition**
- **Simple Order API Field: emvRequest_fallbackCondition**

emvRequest_repeat

Indicates that this is a duplicate authorization request.

When you receive the **ccAuthReply_issuerPINrequest** field in an authorization response message, you must respond with the customer's PIN in a duplicate authorization request.

Possible value:

- `1`: This is a duplicate authorization request

This field is supported only for Mastercard transactions on Visa Platform Connect.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: emv_request_repeat**
- **Simple Order API Field: emvRequest_repeat**

encryptedPayment_descriptor

Format of the encrypted payment data.

Possible values:

- Apple Pay: `RklEPUNPTU1PTi5BUFBMRS5JTkFQUC5QQVlNRU5U`
- Blue PCI P2PE: `Ymx1ZWZpbg==`
- Samsung Pay: `RklEPUNPTU1PTi5TQU1TVU5HLklO QVBQLlBBWU1FTlQ=`

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 128

Mapping Information

- **REST API Field: paymentInformation.fluidData.descriptor**
- **SCMP API Field: encrypted_payment_descriptor**
- **Simple Order API Field: encryptedPayment_descriptor**

encryptedPayment_errorCode

Error code returned by Bluefin when the decryption fails.

Bluefin Error Codes

`1001`: **Visa**

Generic or unkown error code.

`1101`

Internal system configuration setup error.

`1102`

Internal system configuration setup error.

`1103`

Internal system configuration setup error.

`1104`

Internal system configuration setup error.

`1105`

Internal system configuration setup error.

`1202`

Device not found or device not recognized.

`1203`

Device not active.

`1204`

Invalid firmware version.

`1303`

All decryptions failed.

`1404`

Decryption failed for some other reason.

`1406`

Decrypted result did not include payment card information.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: encrypted_payment_error_code**
- **Simple Order API Field: encryptedPayment_errorCode**

encryptedPayment_data

Card-present transactions: encrypted payment data.

Digital payment transactions: encrypted payment data value. If you are using the Cybersource decryption option, populate this field with the encrypted payment data value returned by the Full Wallet request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3072

Mapping Information

- **REST API Field: paymentInformation.fluidData.value**
- **SCMP API Field: encrypted_payment_data**
- **Simple Order API Field: encryptedPayment_data**

encryptedPayment_encoding

Encoding method used to encrypt the payment data.

For Apple Pay transactions, the encoding method is Base64.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: paymentInformation.fluidData.encoding**
- **SCMP API Field: encrypted_payment_encoding**
- **Simple Order API Field: encryptedPayment_encoding**

encryptedPayment_referenceID

Unique transaction identifier returned by Bluefin.

You can use this value for tracking and reporting.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 25

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: encrypted_payment_reference_id**
- **Simple Order API Field: encryptedPayment_referenceID**

exportReply_infoCode

Returned when the Denied Parties List (DPL) check (first two codes) or the export service (all others) would have declined the transaction.

Possible values:

- `MATCH-DPC`: DPL match.
- `UNV-DPC`: DPL is unavailable.
- `MATCH-BCO`: Billing country is restricted.
- `MATCH-EMCO`: Email country is restricted.
- `MATCH-HCO`: Host name country is restricted.
- `MATCH-IPCO`: IP country is restricted.
- `MATCH-SCO`: Shipping country is restricted.

This field is used only when the **processingInformation.actionList** field contains the value `WATCHLIST_SCREENING`.

Specifications

- **Field Type:** Response
- **Data Type:** Array of strings
- **Data Length:** 2,147,483,647

Mapping Information

- **REST API Field: watchlistScreeningInformation.infoCodes[]**
- **SCMP API Field: export_info**
- **Simple Order API Field: exportReply_infoCode**

exportReply_ipCountryConfidence

Likelihood that the country associated with the customer's IP address was identified correctly.

A value between `1–100` is returned. `100` indicates the highest likelihood. If the country cannot be identified, the value is `–1`.

This field is used only when the **processingInformation.actionList** field contains the value `WATCHLIST_SCREENING`.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 3

Mapping Information

- **REST API Field: watchlistScreeningInformation.ipCountryConfidence**
- **SCMP API Field: export_ip_country_confidence**
- **Simple Order API Field: exportReply_ipCountryConfidence**

exportService_addressOperator

Customer information that must match an entry in the Denied Parties List (DPL).

Possible values:

- `AND`: (default) The customer's name or company and the customer's address must appear in the database.
- `OR`: The customer's name must appear in the database.
- `IGNORE`: You want the service to detect only a match of the customer's name or company but not of the address.

This field is used only when the **processingInformation.actionList** field contains the value `WATCHLIST_SCREENING`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2,147,483,647

Mapping Information

- **REST API Field: watchlistScreeningInformation.addressOperator**
- **SCMP API Field: export_address_operator**
- **Simple Order API Field: exportService_addressOperator**

exportService_addressWeight

Degree of correlation between a customer's address and an entry in the Denied Parties List (DPL).

Possible values:

- `Exact`: The address must be identical to the entry in the DPL.
- `High`: The address cannot differ significantly from the entry in the DPL (default).
- `Medium`: The address can differ slightly more from the entry in the DPL.
- `Low`: The address can differ significantly from the entry in the DPL.

This field is used only when the **processingInformation.actionList** field contains the value `WATCHLIST_SCREENING`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: watchlistScreeningInformation.weights.address**
- **SCMP API Field: export_address_weight**
- **Simple Order API Field: exportService_addressWeight**

exportService_companyWeight

Degree of correlation between a company name and an entry in the Denied Parties List (DPL).

Possible values:

- `Exact`: The company name must be identical to the entry in the DPL.
- `High`: The company name cannot differ significantly from the entry in the DPL (default).
- `Medium`: The company name can differ slightly more from the entry in the DPL.
- `Low`: The company name can differ significantly from the entry in the DPL.

This field is used only when the **processingInformation.actionList** field contains the value `WATCHLIST_SCREENING`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: watchlistScreeningInformation.weights.company**
- **SCMP API Field: export_company_weight**
- **Simple Order API Field: exportService_companyWeight**

exportService_nameWeight

exportService_nameWeight

Degree of correlation between a customer's address and an entry in the Denied Parties List (DPL).

Possible values:

- `Exact`: The address must be identical to the entry in the DPL.
- `High`: The address cannot differ significantly from the entry in the DPL (default).
- `Medium`: The address can differ slightly more from the entry in the DPL.
- `Low`: The address can differ significantly from the entry in the DPL.

This field is used only when the **processingInformation.actionList** field contains the value `WATCHLIST_SCREENING`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: watchlistScreeningInformation.weights.name**
- **SCMP API Field: export_name_weight**
- **Simple Order API Field: exportService_nameWeight**

exportService_sanctionsLists

Specifies which list(s) to check with the request.

The response includes the list name as well as the response data. To check against multiple lists, enter multiple list codes separated by carets (^).

This field is used only when the **processingInformation.actionList** field contains the value `WATCHLIST_SCREENING`.

Specifications

- **Field Type:** Request
- **Data Type:** Array of strings
- **Data Length:** 2,147,483,647

Mapping Information

- **REST API Field: watchlistScreeningInformation.sanctionLists[]**
- **SCMP API Field: export_sanctions_lists**
- **Simple Order API Field: exportService_sanctionsLists**

extendedCreditTotalCount

Number of months over which the cardholder can pay for the purchase.

You can use this field when offering extended credit to a cardholder at a retail location. The cardholder provides this value. The issuer pays you for the purchase in one payment, and then the cardholder pays the issuer in the number of monthly payments specified by this value.

This field is supported only for acquirers in South Africa using Visa Platform Connect.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: processingInformation.extendedCreditTotalCount**
- **SCMP API Field: extended_credit_total_count**
- **Simple Order API Field: extendedCreditTotalCount**

feeProgramIndicator

Interchange reimbursement fee program indicator (FPI), which is used when assessing the fee applied to a cross-border or domestic Asia Pacific financial transaction.

Acquirers and issues retain and return the FPI value in chargeback and representments.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field:Information.feeProgramIndicator**
- **SCMP API Field: fee_program_indicator**
- **Simple Order API Field: feeProgramIndicator**

healthCare#_amount

Amount of the healthcare payment.

Replace the # character with a sequential number from `0` to `4`. Send this field with a corresponding **healthCare#_amountType** field.

Example:

```
<healthCare id="0">
        <amountType>vision</amountType>
        <amount>60.00</amount>
```

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

Mapping Information

- **REST API Field: healthCareInformation.amountDetails.amount**
- **SCMP API Field: health_care_#_amount**
- **Simple Order API Field: healthCare#_amount**

healthCare#_amountType

Type of healthcare payment.

Mastercard possible values:

- `eligible-total`: total amount of healthcare.
- `prescription`

Visa possible values:

- `clinic`
- `dental`
- `healthcare`: total amount of healthcare.
- `healthcare-transit`
- `prescription`
- `vision`

Replace the # character with a sequential number from `0` to `4`. Send this field with a corresponding **healthCare#_amount** field.

Example:

```
<healthCare id="0">
        <amountType>vision</amountType>
        <amount>60.00</amount>
```

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 35

Mapping Information

- **REST API Field: healthCareInformation.amountDetails.amountType**
- **SCMP API Field: health_care_#_amount_type**
- **Simple Order API Field: healthCare#_amountType**

initiatorType

Code that denotes whether the customer identification data belongs to the sender or the recipient.

Possible values:

- `P`: Payee (recipient)
- `S`: Payer (sender)

When this field is set to `S`, these API request fields are required:

- **sender_personalIDType**
- **sender_personalIDSubType**

Services

This field is required for these services:

- **Payouts OCT**: Required for aggregator support using Visa Platform Connect.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.fundingOptions.initiator.type**
- **Simple Order API Field: initiatorType**

installment_additionalCosts (Response)

Additional costs charged by the issuer to fund the installment payments.

This field is returned only for two kinds of installment payments in Brazil on Visa Platform Connect:

- Crediario with Visa: this field is included in the authorization response for the Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments.
- Mastercard.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 128-139
- Field: Total Other Costs

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: installmentInformation.additionalCosts**
- **SCMP API Field: auth_installment_additional_costs**
- **Simple Order API Field: installment_additionalCosts**

installment_additionalCosts (Request)

Additional costs charged by the issuer to fund the installment payments.

This field is supported only for Crediario installment payments in Brazil on Visa Platform Connect.

Obtain the value for this field from the authorization response for a Crediario eligibility request.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 128-139
- Field: Total Other Costs

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: installmentInformation.additionalCosts**
- **SCMP API Field: installment_additional_costs**
- **Simple Order API Field: installment_additionalCosts**

installment_additionalCostsPercentage (Response)

Additional costs divided by the amount funded.

This field is returned only for two kinds of installment payments in Brazil on Visa Platform Connect:

- Crediario with Visa: this field is included in the authorization response for a Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments.
- Mastercard.

Example A value of `1.0` specifies 1%.

Example A value of `4.0` specifies 4%.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 140-143
- Field: Percent of Total Other Costs

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: installmentInformation.additionalCostsPercentage**
- **SCMP API Field: auth_installment_additional_costs_percentage**
- **Simple Order API Field: installment_additionalCostsPercentage**

installment_additionalCostsPercentage (Request)

Additional costs divided by the amount funded.

This field is supported only for Crediario installment payments in Brazil on Visa Platform Connect.

Example A value of `1.0` specifies 1%.

Example A value of `4.0` specifies 4%.

Obtain the value for this field from the authorization response for a Crediario eligibility request.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 140-143
- Field: Percent of Total Other Costs

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: installmentInformation.additionalCostsPercentage**
- **SCMP API Field: installment_additional_costs_percentage**
- **Simple Order API Field: installment_additionalCostsPercentage**

installment_amount (Response)

Amount of the current installment payment.

This field is returned only for Mastercard installment payments on Visa Platform Connect in all countries except Croatia and Georgia.

Brazil

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 26-37
- Field: Amount of Each Installment

Greece

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 23-34
- Field: Amount of Each Installment

Peru

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 23-34
- Field: Amount of Each Installment

Other Countries

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 63-74
- Field: Mastercard Subsequent Installment Amount

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: installmentInformation.amount**
- **SCMP API Field: auth_installment_amount**
- **Simple Order API Field: installment_amount**

installment_amount (Request)

Amount of the installment payment.

This field is supported only on Visa Platform Connect.

Argentina

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 26-37
- Field: Installment Amount

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Brazil

In Brazil, this field is supported only for Crediario installment payments.

When you do not include this field in a request for a Crediario installment payment, a value of `0` is sent to the processor.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 26-37
- Field: Amount of Each Installment

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Chile

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 24-35
- Field: Installment Amount

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Georgia (Sakartvelo)

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 63-74
- Mastercard Subsequent Installment Amount

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Mexico

Cybersource does not validate the combination of values for this field.

Format:

- Positions 1-2: Grace period in months
- Positions 3-4: Total number of installments
- Positions 5-6: Plan type:
  - `03`: Without interest for the cardholder
  - `05`: With interest for the cardholder
  - `07`: Skip payment

Example: `030007`

Example: `000603`

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - Standing-instruction MIT with Diners Club or Mastercard in India or with an India-issued card: 10 excluding decimal
  - Installment payment in Mexico: 6
  - Other kinds of installment payments: 12

Mapping Information

- **REST API Field: installmentInformation.amount**
- **SCMP API Field: installment_amount**
- **Simple Order API Field: installment_amount**

installment_amountFunded (Response)

Amount funded.

This field is returned only for two kinds of installment payments in Brazil on Visa Platform Connect:

- Crediario with Visa: this field is included in the authorization response for the Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments.
- Mastercard.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 48-59
- Field: Total Amount Funded

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: installmentInformation.amountFunded**
- **SCMP API Field: auth_installment_amount_funded**
- **Simple Order API Field: installment_amountFunded**

installment_amountFunded (Request)

Amount funded.

This field is supported only for Crediario installment payments in Brazil on Visa Platform Connect.

Obtain the value for this field from the authorization response for a Crediario eligibility request.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 48-59 Field: Total Amount Funded

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: installmentInformation.amountFunded**
- **SCMP API Field: installment_amount_funded**
- **Simple Order API Field: installment_amountFunded**

installment_amountRequestedPercentage (Response)

Amount requested divided by the amount funded.

This field is returned only for two kinds of installment payments in Brazil on Visa Platform Connect:

- Crediario with Visa: this field is included in the authorization response for the Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments.
- Mastercard.

Example: A value of `90.0` specifies 90%.

Example: A value of `93.7` specifies 93.7%.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 60-63
- Field: Percent of Amount Requested

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: installmentInformation.amountRequestedPercentage**
- **SCMP API Field: auth_installment_amount_requested_percentage**
- **Simple Order API Field: installment_amountRequestedPercentage**

installment_amountRequestedPercentage (Request)

Amount requested divided by the amount funded.

This field is supported only for Crediario installment payments in Brazil on Visa Platform Connect.

Example A value of `90.0` specifies 90%.

Example A value of `93.7` specifies 93.7%.

Obtain the value for this field from the authorization response for a Crediario eligibility request.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 60-63
- Field: Percent of Amount Requested

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: installmentInformation.amountRequestedPercentage**
- **SCMP API Field: installment_amount_requested_percentage**
- **Simple Order API Field: installment_amountRequestedPercentage**

installment_annualFinancingCost (Response)

Annual cost of financing the installment payments.

This field is returned only for Crediario installment payments in Brazil on Visa Platform Connect.

This field is included in the authorization response for the Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments in Brazil.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 158-164
- Field: Annual Total Cost of Financing

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 7

Mapping Information

- **REST API Field: installmentInformation.annualFinancingCost**
- **SCMP API Field: auth_installment_annual_financing_cost**
- **Simple Order API Field: installment_annualFinancingCost**

installment_annualFinancingCost (Request)

Annual cost of financing the installment payments.

This field is supported only for Crediario installment payments in Brazil on Visa Platform Connect.

Obtain the value for this field from the authorization response for a Crediario eligibility request.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 158-164
- Field: Annual Total Cost of Financing

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 7

Mapping Information

- **REST API Field: installmentInformation.annualFinancingCost**
- **SCMP API Field: installment_annual_financing_cost**
- **Simple Order API Field: installment_annualFinancingCost**

installment_annualInterestRate (Response)

Annual interest rate.

This field is returned only for two kinds of installment payments on Visa Platform Connect:

- Crediario with Visa in Brazil: this field is included in the authorization response for the Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments.
- Mastercard in all countries except Brazil, Croatia, Georgia, and Greece.

Example: A value of `1.0` specifies 1%.

Example: A value of `4.0` specifies 4%.

Brazil

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 151-157
- Field: Annual Interest Rate

Other Countries

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 58-62
- Field: Mastercard Annual Percentage Rate

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 7

Mapping Information

- **REST API Field: installmentInformation.annualInterestRate**
- **SCMP API Field: auth_installment_annual_interest_rate**
- **Simple Order API Field: installment_annualInterestRate**

installment_annualInterestRate (Request)

Annual interest rate.

This field is supported only on Visa Platform Connect.

Example A value of `1.0` specifies 1%.

Example A value of `4.0` specifies 4%.

In Brazil, obtain the value for this field from the authorization response for a Crediario eligibility request.

For Crediario installment payments in Brazil, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 151-157
- Field: Annual Interest Rate

In Chile, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 36-39
- Field: Transaction Interest Rate

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 7

Mapping Information

- **REST API Field: installmentInformation.annualInterestRate**
- **SCMP API Field: installment_annual_interest_rate**
- **Simple Order API Field: installment_annualInterestRate**

installment_downPayment (Request)

Down payment.

This field is supported only for airline transactions on Getnet.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**12

Mapping Information

- **REST API Field: installmentInformation.downPayment**
- **SCMP API Field: installment_down_payment**
- **Simple Order API Field: installment_downPayment**

installment_expenses (Response)

Expenses charged by the issuer to fund the installment payments.

This field is returned only for two kinds of installment payments in Brazil on Visa Platform Connect:

- Crediario with Visa: this field is included in the authorization response for the Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments.
- Mastercard.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 64-75
- Field: Total Expenses

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: installmentInformation.expenses**
- **SCMP API Field: auth_installment_expenses**
- **Simple Order API Field: installment_expenses**

installment_expenses (Request)

Expenses charged by the issuer to fund the installment payments.

This field is supported only for Crediario installment payments in Brazil on Visa Platform Connect.

Obtain the value for this field from the authorization response for a Crediario eligibility request.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 64-75
- Field: Total Expenses

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: installmentInformation.expenses**
- **SCMP API Field: installment_expenses**
- **Simple Order API Field: installment_expenses**

installment_expensesPercentage (Response)

Expenses divided by the amount funded.

This field is returned only for two kinds of installment payments in Brazil on Visa Platform Connect:

- Crediario with Visa: this field is included in the authorization response for the Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments.
- Mastercard.

Example: A value of `1.0` specifies 1%.

Example: A value of `4.0` specifies 4%.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 76-79
- Field: Percent of Total Expenses

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: installmentInformation.expensesPercentage**
- **SCMP API Field: auth_installment_expenses_percentage**
- **Simple Order API Field: installment_expensesPercentage**

installment_expensesPercentage (Request)

Expenses divided by the amount funded.

This field is supported only for Crediario installment payments in Brazil on Visa Platform Connect.

Example A value of `1.0` specifies 1%.

Example A value of `4.0` specifies 4%.

Obtain the value for this field from the authorization response for a Crediario eligibility request.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 76-79
- Field: Percent of Total Expenses

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: installmentInformation.expensesPercentage**
- **SCMP API Field: installment_expenses_percentage**
- **Simple Order API Field: installment_expensesPercentage**

installment_fees (Response)

Fees charged by the issuer to fund the installment payments.

This field is returned only for two kinds of installment payments on Visa Platform ConnectGPX:

- Crediario with Visa in Brazil: this field is included in the authorization response for the Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments.
- Mastercard in all countries except Croatia, Georgia, and Greece.

Brazil

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 80-91
- Field: Total Fees

Other Countries

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 46-57
- Field: Mastercard Installment Fee

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: installmentInformation.fees**
- **SCMP API Field: auth_installment_fees**
- **Simple Order API Field: installment_fees**

installment_fees (Request)

Fees charged by the issuer to fund the installment payments.

This field is supported only for Crediario installment payments in Brazil on Visa Platform Connect.

Obtain the value for this field from the authorization response for a Crediario eligibility request.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 80-91
- Field: Total Fees

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: installmentInformation.fees**
- **SCMP API Field: installment_fees**
- **Simple Order API Field: installment_fees**

installment_feesPercentage (Response)

Fees divided by the amount funded.

This field is returned only for two kinds of installment payments in Brazil on Visa Platform Connect:

- Crediario with Visa: this field is included in the authorization response for the Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments.
- Mastercard.

Example: A value of `1.0` specifies 1%.

Example: A value of `4.0` specifies 4%.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 92-95
- Field: Percent of Total Fees

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: installmentInformation.feesPercentage**
- **SCMP API Field: auth_installment_fees_percentage**
- **Simple Order API Field: installment_feesPercentage**

installment_feesPercentage (Request)

Fees divided by the amount funded.

This field is supported only for Crediario installment payments in Brazil on Visa Platform Connect.

Example A value of `1.0` specifies 1%.

Example A value of `4.0` specifies 4%.

Obtain the value for this field from the authorization response for a Crediario eligibility request.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 92-95
- Field: Percent of Total Fees

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: installmentInformation.feesPercentage**
- **SCMP API Field: installment_fees_percentage**
- **Simple Order API Field: installment_feesPercentage**

installment_firstInstallmentAmount (Response)

Amount of the first installment payment.

This field is returned only for Mastercard installment payments on Visa Platform Connect in all countries except Brazil, Croatia, Georgia, and Greece.

The issuer provides this value when the first installment payment is successful.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 23-34
- Field: Amount of Each Installment

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: installmentInformation.firstInstallmentAmount**
- **SCMP API Field: auth_installment_first_installment_amount**
- **Simple Order API Field: installment_firstInstallmentAmount**

installment_firstInstallmentAmount (Request)

Amount of the first installment payment.

This field is supported only for Mastercard installment payments in Georgia (Sakartvelo) on Visa Platform Connect.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 23-34
- Field: Amount of Each Installment

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: installmentInformation.firstInstallmentAmount**
- **SCMP API Field: installment_first_installment_amount**
- **Simple Order API Field: installment_firstInstallmentAmount**

installment_firstInstallmentDate (Response)

Date of the first installment payment.

For Mastercard installment payments on Visa Platform Connect in Greece and Peru.

Format: YYMMDD

For Mastercard installment payments in Greece, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 102-107
- Field: Mastercard Greece First Installment Due Date

For Mastercard installment payments in Peru, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 102-107
- Field: Mastercard Peru First Installment Due Date

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: installmentInformation.firstInstallmentDate**
- **SCMP API Field: auth_installment_first_installment_date**
- **Simple Order API Field: installment_firstInstallmentDate**

installment_firstInstallmentDate (Request)

Date of the first installment payment.

This field is supported only on Visa Platform Connect.

When you do not include this field, a string of six zeros (`000000`) is sent to the processor.

In Argentina, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 38-43
- Field: Consumer Deferred Sale

For Crediario installment payments in Brazil, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 42-47
- Field: Date of First Installment

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6
- **Format:** YYMMDD

Mapping Information

- **REST API Field: installmentInformation.firstInstallmentDate**
- **SCMP API Field: installment_first_installment_date**
- **Simple Order API Field: installment_firstInstallmentDate**

installment_frequency (Request)

Frequency of the installment payments.

This field is supported only on Visa Platform Connect.

Possible values for standing-instruction MITs with Diners Club or Mastercard in India or with an India-issued card:

- `1`: Daily (for an installment payment or recurring payment).
- `2`: Weekly (for an installment payment or recurring payment).
- `3`: Fortnightly (for an installment payment or recurring payment).
- `4`: Monthly (for an installment payment or recurring payment).
- `5`: Quarterly (for an installment payment or recurring payment).
- `6`: Half-yearly (for an installment payment or recurring payment).
- `7`: Annually (for an installment payment or recurring payment).
- `8`: As needed (for an unscheduled COF transaction).

Possible values for other kinds of installment payments:

- `B`: Biweekly.
- `M`: Monthly.
- `W`: Weekly.

Crediario Installment Payments

When you do not include this field in a request for a Credario installment payment, a space character is sent to the processor.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 41
- Field: Installment Frequency

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: installmentInformation.frequency**
- **SCMP API Field: installment_frequency**
- **Simple Order API Field: installment_frequency**

installment_gracePeriodDuration (Request)

Grace period requested by the customer before the first installment payment is due.

This field is supported only on Prosa and Visa Platform Connect.

Prosa

Length of grace period in months.

Valid values: `00` through `99`.

When the value for the installment plan type field is `07`, the installment grace period duration must be greater than `00`.

Visa Platform Connect

This field is supported only for Mastercard installment payments in Brazil, Greece, and Peru.

When you include this field in a request, you must also include the grace period duration type field.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 99-101
- Field: Mastercard Grace Period Details

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: installmentInformation.gracePeriodDuration**
- **SCMP API Field: installment_grace_period_duration**
- **Simple Order API Field: installment_gracePeriodDuration**

installment_gracePeriodDurationType (Request)

Unit for the requested grace period duration.

This field is supported only for Mastercard installment payments in Brazil and Greece on Visa Platform Connect.

Possible values:

- `D`: Days.
- `W`: Weeks.
- `M`: Months.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 99
- Field: Mastercard Grace Period Details

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: installmentInformation.gracePeriodDurationType**
- **SCMP API Field: installment_grace_period_duration_type**
- **Simple Order API Field: installment_gracePeriodDurationType**

installment_identifier (Request)

Identifier for an installment payment transaction.

This field is supported only for these card types and transactions on Visa Platform Connect in the US and India, or with a US or India-issued card:

- Diners Club: standing instruction (SI) merchant-initiated transaction (MIT). You must register with the SI hub in India to obtain this value.
- Mastercard: standing instruction (SI) merchant-initiated transaction (MIT). You must register with the SI hub in India to obtain this value.
- Visa: MIT installments.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 121-155
- Field: Plan Registration System Identifier

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: installmentInformation.identifier**
- **SCMP API Field: installment_identifier**
- **Simple Order API Field: installment_identifier**

installment_insurance (Request)

Insurance charged by the issuer to fund the installment payments.

This field is supported only for Crediario installment payments in Brazil on Visa Platform Connect.

Obtain this value from the authorization response for a Crediario eligibility request.

The value for this field corresponds to the following data in the TC 33 capture file.

- Record: CP01 TCR9
- Position: 112-123
- Field: Total Insurance

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: installmentInformation.insurance**
- **SCMP API Field: installment_insurance**
- **Simple Order API Field: installment_insurance**

installment_insurance (Response)

Insurance charged by the issuer to fund the installment payments.

This field is returned only for two kinds of installment payments in Brazil on Visa Platform Connect:

- Crediario with Visa: this field is included in the authorization response for the Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments.
- Mastercard.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 112-123
- Field: Total Insurance

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: installmentInformation.insurance**
- **SCMP API Field: auth_installment_insurance**
- **Simple Order API Field: installment_insurance**

installment_insurancePercentage (Response)

Insurance costs divided by the amount funded.

This field is returned only for two kinds of installment payments in Brazil on Visa Platform Connect:

- Crediario with Visa: this field is included in the authorization response for the Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments.
- Mastercard.

Example: A value of `1.0` specifies 1%.

Example: A value of `4.0` specifies 4%.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 124-127
- Field: Percent of Total Insurance

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: installmentInformation.insurancePercentage**
- **SCMP API Field: auth_installment_insurance_percentage**
- **Simple Order API Field: installment_insurancePercentage**

installment_insurancePercentage (Request)

Insurance costs divided by the amount funded.

This field is supported only for Crediario installment payments in Brazil on Visa Platform Connect.

Example A value of `1.0` specifies 1%.

Example A value of `4.0` specifies 4%.

Obtain the value for this field from the authorization response for a Crediario eligibility request.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 124-127
- Field: Percent of Total Insurance

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: installmentInformation.insurancePercentage**
- **SCMP API Field: installment_insurance_percentage**
- **Simple Order API Field: installment_insurancePercentage**

installment_invoiceData (Request)

Invoice information that you want to provide to the issuer.

This field is supported only for installment payments with Mastercard on Visa Platform Connect in Brazil.

This value is similar to a tracking number and is the same for all installment payments for one purchase.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR4
- Position: 51-70
- Field: Purchase Identification

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field: installmentInformation.invoiceData**
- **SCMP API Field: installment_invoice_data**
- **Simple Order API Field: installment_invoiceData**

installment_maximumTotalCount (Response)

Maximum number of installments offered by the issuer for this purchase.

This field is returned only for installment payments with Mastercard on Visa Platform Connect in all countries except Brazil, Croatia, Georgia, and Greece.

The issuer provides this value when the first installment payment is successful.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 77-78
- Field: Mastercard Maximum Number Of Installments

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: installmentInformation.maximumTotalCount**
- **SCMP API Field: auth_installment_maximum_total_count**
- **Simple Order API Field: installment_maximumTotalCount**

installment_minimumTotalCount (Response)

Minimum number of installments offered by the issuer for this purchase.

This field is returned only for installment payments with Mastercard on Visa Platform Connect in all countries except Brazil, Croatia, Georgia, and Greece.

The issuer provides this value when the first installment payment is successful.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 75-76
- Field: Mastercard Minimum Number Of Installments

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: installmentInformation.minimumTotalCount**
- **SCMP API Field: auth_installment_minimum_total_count**
- **Simple Order API Field: installment_minimumTotalCount**

installment_monthlyInterestRate (Response)

Monthly interest rate.

This field is returned only for two kinds of installment payments on Visa Platform Connect:

- Crediario with Visa in Brazil: this field is included in the authorization response for the Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments.
- MMastercard in all countries except Croatia, Georgia, and Greece.

Example: A value of `1.0` specifies 1%.

Example: A value of `4.0` specifies 4%.

Brazil

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 144-150
- Field: Monthly Interest Rate

Other Countries

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 41-45
- Field: Mastercard Interest Rate

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 7

Mapping Information

- **REST API Field: installmentInformation.monthlyInterestRate**
- **SCMP API Field: auth_installment_monthly_interest_rate**
- **Simple Order API Field: installment_monthlyInterestRate**

installment_monthlyInterestRate (Request)

Monthly interest rate.

This field is supported only for installment payments on Visa Platform Connect.

Example A value of `1.0` specifies 1%.

Example A value of `4.0` specifies 4%.

Brazil

This field is included in the authorization response for a Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments in Brazil.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 144-150
- Field: Monthly Interest Rate

Georgia (Sakartvelo)

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 41-45
- Field: Mastercard Interest Rate

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 7

Mapping Information

- **REST API Field: installmentInformation.monthlyInterestRate**
- **SCMP API Field: installment_monthly_interest_rate**
- **Simple Order API Field: installment_monthlyInterestRate**

installment_paymentType (Request)

Payment plan for installments.

This field is supported only for installment payments on Visa Platform Connect.

Possible values for a standing-instruction (SI) merchant-initiated transaction (MIT) with Diners Club or Mastercard in India or with an India-issued card:

- `1`: SI with a fixed amount.
- `2`: SI with a maximum amount.
- `3`: Other kind of SI.

Possible values for other kinds of installment payments:

- `0` (default): Regular installment. This value is not allowed for airline transactions.
- `1`: Installment payment with down payment.
- `2`: Installment payment without down payment. This value is supported only for airline transactions.
- `3`: Installment payment. Down payment and boarding fee will follow. This value is supported only for airline transactions.
- `4`: Down payment only. Regular installment payment will follow.
- `5`: Boarding fee only. This value is supported only for airline transactions.

Brazil

In Brazil, this field is supported only for installment payments with Visa.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR1
- Position: 9
- Field: Merchant Installment Supporting Information

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

India

In India, this field is supported only for standing-instruction MITs.

Rest of World

In all countries except Brazil, Croatia, Georgia, and Greece, this field is supported only for installment payments with Mastercard.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 35-37
- Field: Installment Payment Number

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: installmentInformation.paymentType**
- **SCMP API Field: installment_payment_type**
- **Simple Order API Field: installment_paymentType**

installment_planID (Request)

Identifier for the issuer-funded installment plan.

This field is supported only on Visa Platform Connect in Chile.

Possible values:

- `0`: No deferred period.
- `1`: Deferred period 1.
- `2`: Deferred period 2.
- `3`: Deferred period 3.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 40
- Field: Deferred Period

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: installmentInformation.planId**
- **SCMP API Field: installment_plan_id**
- **Simple Order API Field: installment_planID**

installment_planType (Request)

Type of installment plan.

This field is supported only on American Express Direct, Cielo, Cybersource Latin American Processing, Prosa, and Visa Platform Connect.

American Express Direct, Cielo, and Cybersource Latin American Processing

Possible values:

- `1`: Merchant-funded installment plan.
- `2`: Issuer-funded installment plan.

When you do not include this field in the request, the value in your account is used. To change the value in your account, contact customer service.

Cybersource Latin American Processing is the name of a specific processing connection. *Cybersource Latin American Processing* does not refer to the general topic of processing in Latin America. The information in this field description, or in this section of the field description, is for the specific processing connection called Cybersource Latin American Processing. It is not for any other Latin American processors.

Prosa

Possible values:

- `00`: Not a promotion.
- `03`: Interest is not charged to the customer.
- `05`: Interest is charged to the customer.
- `07`: Skip payment: buy now and pay the full amount later in one payment.

Visa Platform Connect with American Express

American Express-defined code that specifies the type of installment plan. Contact American Express for:

- Information about the kinds of installment plans that American Express provides.
- Values for this field.

For installment payments with American Express in Brazil, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR3
- Position: 5-6
- Field: Plan Type

Visa Platform Connect with Visa or Mastercard

Possible values:

- `0` or `00`: Non-installment plan—only with Visa in Paraguay.
- `1` or `01`: Merchant-funded installment plan.
- `2` or `02`: Issuer-funded installment plan.
- `3` or `03`: Co-branded merchant financed—only with Mastercard in Brazil.
- `4` or `04`: Issuer merchant co-financed—only with Mastercard in Brazil.
- `5` or `05`: Deferred issuer-funded installment plan—only with Visa in Paraguay.
- `6` or `06`: Acquirer-funded installment plan—only with Mastercard in Paraguay.
- `7` or `07`: Merchant-funded government plan—only with Visa in Argentina.
- `8` or `08`: Average payment financing installments—only with Mastercard in Paraguay.
- `43`: Crediario installment plan—only with Visa in Brazil.

For installment payments in Argentina, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 22-23
- Field: Installment Type

For installment payments in Chile, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 23
- Field: Installment Type

For installment payments with Visa in Brazil, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR1
- Position: 5-6
- Field: Installment Type

For installment payments in Paraguay, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 39-40
- Field: Installment Plan Type

For installment payments with Mastercard in Peru, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 39-40
- Field: Installment Plan Type

For all other kinds of installment payments, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 39-40
- Field: Installment Plan Type

Specifications

Prosa and Visa Platform Connect:

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

All Other Processors:

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: installmentInformation.planType**
- **SCMP API Field: installment_plan_type**
- **Simple Order API Field: installment_planType**

installment_sequence (Request)

Installment payment number.

This field is used along with **installment_totalCount** to track which payment is being processed.

Example: These are the values for the second of five payments:

```
installment_sequence=2
installment_totalCount=5
```

Visa Platform Connect

When you do not include this field in a request for a Crediario installment payment, a value of `0` is sent to the processor.

For Crediario installment payments, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 38-40
- Field: Installment Payment Number

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

For installment payments in Paraguay, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 35-37
- Field: Installment Payment Number

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: installmentInformation.sequence**
- **SCMP API Field: installment_sequence**
- **Simple Order API Field: installment_sequence**

installment_taxes (Response)

Taxes collected by the issuer to fund the installment payments.

This field is returned only for two kinds of installment payments in Brazil on Visa Platform Connect:

- Crediario with Visa: this field is included in the authorization response for the Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments.
- Mastercard.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 96-107
- Field: Total Taxes

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: installmentInformation.taxes**
- **SCMP API Field: auth_installment_taxes**
- **Simple Order API Field: installment_taxes**

installment_taxes (Request)

Taxes collected by the issuer to fund the installment payments.

This field is included in the authorization response for a Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments in Brazil.

This field is supported only for Crediario installment payments in Brazil on Visa Platform Connect.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 96-107
- Field: Total Taxes

Specifications

- **Field Type:** Request
- **Type:** String
- **Length:** 12

Mapping Information

- **REST API Field: installmentInformation.taxes**
- **SCMP API Field: installment_taxes**
- **Simple Order API Field: installment_taxes**

installment_taxesPercentage (Response)

Taxes divided by the amount funded.

This field is returned only for two kinds of installment payments in Brazil on Visa Platform Connect:

- Crediario with Visa: this field is included in the authorization response for the Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments.
- Mastercard.

Example: A value of `1.0` specifies 1%.

Example: A value of `4.0` specifies 4%.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 108-111
- Field: Percent of Total Taxes

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: installmentInformation.taxesPercentage**
- **SCMP API Field: auth_installment_taxes_percentage**
- **Simple Order API Field: installment_taxesPercentage**

installment_taxesPercentage (Request)

Taxes divided by the amount funded.

This field is supported only for Crediario installment payments in Brazil on Visa Platform Connect.

Example A value of `1.0` specifies 1%.

Example A value of `4.0` specifies 4%.

This field is included in the authorization response for a Crediario eligibility request when the issuer approves the customer's request for Crediario installment payments in Brazil.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 108-111
- Field: Percent of Total Taxes

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: installmentInformation.taxesPercentage**
- **SCMP API Field: installment_taxes_percentage**
- **Simple Order API Field: installment_taxesPercentage**

installment_totalAmount (Response)

Total amount of the loan that is being paid in installments.

This field is returned only for installment payments with Mastercard on Visa Platform Connect in all countries except Croatia, Georgia, and Greece.

Brazil

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 8-19
- Field: Installment Total Amount

Other Countries

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 5-16
- Field: Installment Payment Total Amount

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: installmentInformation.totalAmount**
- **SCMP API Field: auth_installment_total_amount**
- **Simple Order API Field: installment_totalAmount**

installment_totalAmount (Request)

Total amount of the loan that is being paid in installments.

This field is supported only on Visa Platform Connect.

For installment payments in Paraguay, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 5-16
- Field: Installment Total Amount

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: installmentInformation.totalAmount**
- **SCMP API Field: installment_total_amount**
- **Simple Order API Field: installment_totalAmount**

installment_totalCount (Request)

Total number of installment payments.

This field is used along with **installment_sequence** to track which payment is being processed.

Example: These are the values for the second of five payments:

```
installment_sequence=2
installment_totalCount=5
```

American Express Direct, Cielo, and Credit Mutuel-CIC

This value is the total number of installments that you approved.

Cybersource Latin American Processing in Brazil

This value is the total number of installments that you approved. The default is `1`.

Cybersource Latin American Processing is the name of a specific processing connection. *Cybersource Latin American Processing* does not refer to the general topic of processing in Latin America. The information in this field description, or in this section of the field description, is for the specific processing connection called Cybersource Latin American Processing. It is not for any other Latin American processors.

Prosa

Valid values: `00` through `99`.

When the value for the installment plan type field is `07`, the installment total count is set to `00`.

Visa Platform Connect in Argentina

Valid values with Mastercard: `02` through `99`.

Valid values with Visa: `00` through `99`.

- Record: CP01 TCR9
- Position: 24-25
- Field: Number of Installments

Visa Platform Connect in Brazil

For Mastercard installments and for Crediario installment payments with Visa, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 23-25
- Field: Number of Installments

Visa Platform Connect in Chile

Valid values: `02` through `48`.

- Record: CP01 TCR9
- Position: 20-22
- Field: Number of Installments

Visa Platform Connect in Paraguay

Valid values with Visa: `0` through `99`.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 20-22
- Field: Number of Installments

Visa Platform Connect in Peru

Valid values with Mastercard: `0` through `99`.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 20-22
- Field: Number of Installments

Visa Platform Connect in All Countries Except Argentina, Brazil, Chile, Paraguay, and Peru

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 20-22
- Field: Number of Installments

For installment payments with American Express or with Visa, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR3
- Position: 7-8
- Field: Number of Installments

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: installmentInformation.totalCount**
- **SCMP API Field: installment_total_count**
- **Simple Order API Field: installment_totalCount**

installment_totalCount (Response)

Total number of installments.

This field is returned only for installment payments with Mastercard on Visa Platform Connect in all countries except Brazil, Croatia, Georgia, and Greece.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 20-22
- Field: Number Of Installments

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: installmentInformation.totalCount**
- **SCMP API Field: auth_installment_total_count**
- **Simple Order API Field: installment_totalCount**

installment_validationIndicator (Request)

Validation indicator for an installment payment.

This field is supported only for a standing instruction (SI) merchant-initiated transaction (MIT) with Diners Club or Mastercard on Visa Platform Connect in India or with an India-issued card.

Possible values:

- `0`: Not validated.
- `1`: Validated. The customer provided consent for the payment.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: installmentInformation.validationIndicator**
- **SCMP API Field: installment_validation_indicator**
- **Simple Order API Field: installment_validationIndicator**

invalidField_0 through invalidField_N

Fields in the request that have invalid data.

These fields are included as an aid to software developers. Do not use these fields to interact with customers.

See the information about missing and invalid fields in Getting Started with Cybersource Advanced for the Simple Order API.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 100

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: invalidField_0** through **invalidField_N**

invoiceHeader_amexDataTAA#

Transaction Advice Addendum (TAA) fields.

This topic describes the sequence of fields from invoiceHeader_amexDataTAA1 to invoiceHeader_amexDataTAA4.

These fields provide a description to display on the customer's American Express card statement. When you provide TAA fields, start with **invoiceHeader_amexDataTAA1**, then **...TAA2**, and so on. Skipping a TAA field causes subsequent TAA fields to be ignored.

Before using these fields, contact customer support to have your account enabled for this feature.

These fields are frequently used for Level II transactions.

Related Information

Level II and Level III Processing Using the Simple Order API

Merchant Descriptors Using the Simple Order API

Specifications

Level II and Level III Transactions

This field is supported for the following Level II and Level III transactions:

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40

Chase Paymentech Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40

FDC Compass

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40

Worldpay VAP

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field: orderInformation.invoiceDetails.transactionAdviceAddendum[].data**
- **SCMP API Fields:**
  - **amexdata_taa1**
  - **amexdata_taa2**
  - **amexdata_taa3**
  - **amexdata_taa4**
- **Simple Order API Fields:**
  - **invoiceHeader_amexDataTAA1**
  - **invoiceHeader_amexDataTAA2**
  - **invoiceHeader_amexDataTAA3**
  - **invoiceHeader_amexDataTAA4**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- **American Express Direct:** N/A
- **Chase Paymentech Solutions:**
  - TAA1
  - TAA2
  - TAA3
  - TAA4
- **FDC Compass:**
  - TAA1
  - TAA2
  - TAA3
  - TAA4
- **Visa Platform Connect:**
  - amexDataTAA1
  - amexDataTAA2
  - amexDataTAA3
  - amexDataTAA4
- **Worldpay VAP:** itemDescription

invoiceHeader_authorizedContactName

The name of the individual or the company contacted for company authorized purchases.

Specifications

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 36

Mapping Information

- REST API Field: **orderInformation.invoiceDetails.purchaseContactName**
- SCMP API Field: **authorized_contact_name**
- Simple Order API Field: **invoiceHeader_authorizedContactName**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Visa Platform Connect: authorizedContactName

invoiceHeader_businessApplicationID

Type of transaction.

This field is a *pass-through*, which means that the value is not verified or modified in any way before it is sent to the processor.

You can provide a business application ID in this field or in your account. When a request includes this field, the value in the field overrides the information in your account. Call customer support to update your account information.

Possible values for non-Payouts transactions:

- AA: Account to account.
- BB: Business to business.
- BI: Bank-initiated money transfer.
- BP: Non-card bill payment.
- CB: Consumer Bill Payment
- CC: Cash claim.
- CI: Cash in.
- CO: Cash out.
- CP: Card bill payment.
- FD: Funds disbursement (general), including:
    - Commission payments
    - Digital goods or games
    - Insurance payments
    - Loan disbursements
    - Lottery payouts
    - Shared economy
    - Non-government-initiated tax refund services such as tax preparation businesses
- GD: Government disbursement, including:

    - Government-initiated tax refunds
    - Government benefit and welfare disbursements
- GP: Gambling payout other than online gambling.
- LO: Loyalty credits and rebates (not supported in European systems).
- MA: Mobile air time payment.
- MD: Merchant disbursement (acquirers or aggregators settling to merchants).
- MI: Merchant-initiated money transfer.
- MP: Face-to-face merchant payment.
- OG: Online gambling payout.
- PD: Payroll pension disbursement.
- PG: Payment to government.
- PP: Person to person.
- PS: Payment for goods and services (general).
- TU: Top-up for enhanced prepaid loads.
- WT: Wallet transfer.

Payouts on Barclays, FDC Compass, and Visa Platform Connect

Possible values:

- BB: Business to business.
- CB: Consumer Bill Payment
- FD: Funds disbursement (general), including:
    - Commission payments
    - Digital goods or games
    - Insurance payments
    - Loan disbursements

    - Lottery payouts
    - Shared economy
    - Non-government-initiated tax refund services such as tax preparation businesses
- GD: Government disbursement, including:
    - Government-initiated tax refunds
    - Government benefit and welfare disbursements
- GP: Gambling payout other than online gambling.
- LO: Loyalty credits and rebates (not supported in European systems).
- MD: Merchant disbursement (acquirers or aggregators settling to merchants).
- OG: Online gambling payout.
- PD: Payroll pension disbursement.
- WT: Wallet transfer.

Payouts on Chase Paymentech Solutions

Possible values:

- PP: Person to person.
- WT: Wallet transfer.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR8
- Position: 108-109
- Field: Business Application Identifier (BAI)

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: processingInformation.businessApplicationId**
- **SCMP API Field: business_application_id**
- **Simple Order API Field: invoiceHeader_businessApplicationID**

invoiceHeader_cardAcceptorRefNumber

Reference number that facilitates card acceptor/corporation communication and record keeping.

Specifications

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- REST API Field: **merchantInformation.cardAcceptorReferenceNumber**
- SCMP API Field: **card_acceptor_ref_number**
- Simple Order API Field: **invoiceHeader_cardAcceptorRefNumber**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Visa Platform Connect: cardAcceptorRefNumber

invoiceHeader_customData_1

Free form data about the transaction.

This field is supported only on FDC Nashville Global.

This value is forwarded to your processor, which then forwards the value to your acquirer during settlement.

When you provide this field in separate authorization and capture requests for the same order, the value from the capture request is forwarded to your processor.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 32

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: custom_data1**
- **Simple Order API Field: invoiceHeader_customData_1**

invoiceHeader_submerchantRegion

Sub-merchant's region.

This field is supported only for aggregator authorizations on FDC Nashville Global.

Example: `NE` indicates that the sub-merchant is in the northeast region.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: aggregatorInformation.subMerchant.region**
- **SCMP API Field: submerchant_region**
- **Simple Order API Field: invoiceHeader_submerchantRegion**

invoiceHeader_summaryCommodityCode

International description code of the overall order's goods or services.

Contact your acquirer or processor for a list of codes.

Elavon Americas

Used to categorize purchases for VAT reporting.

FDMS South

Used to categorize purchases for VAT reporting.

GPN

This field might be required for Level III processing depending on your merchant category code. Check with your processor for more information.

Specifications

Elavon Americas

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

FDMS South

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

GPN

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

OmniPay Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

RBS WorldPay Atlanta

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

TSYS Acquiring Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- REST API Field: **orderInformation.invoiceDetails.commodityCode**
- SCMP API Field: **summary_commodity_code**
- Simple Order API Field: **invoiceHeader_summaryCommodityCode**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Elavon Americas: Purchase Identifier
- FDMS South: N/A
- GPN: Summary Commodity Code and Commodity Code

- OmniPay Direct: Summary Commodity Code
- RBS WorldPay Atlanta: Commodity Code
- TSYS Acquiring Solutions: xxx
- Visa Platform Connect: summaryCommodityCode

invoiceHeader_taxable (OmniPay Direct)

Flag that indicates whether tax is included in the total purchase amount.

Possible values:

- `true`: Tax is included
- `false`: Tax is not included

Specifications

OmniPay Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- REST API Field: **orderInformation.invoiceDetails.taxable**
- SCMP API Field: **tax_indicator**
- Simple Order API Field: **invoiceHeader_taxable**

Processor Field Names

Processor-specific field names for each processor supporting this field for Level II or Level III processing:

- **OmniPay Direct**: Detail Tax Amount Indicator

invoiceHeader_totalTaxTypeCode

Contains the tax type code that corresponds to the entry in the **item_#_taxAmount** field

Additional details for all processors and all txns (Level II/III and non-Level II/III).

Possible values:

- `056`: Sales tax (U.S. Only)
- `TX~`: All taxes (Canada Only) Note: Replace ~ with a space.

Specifications

Visa Platform Connect

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- REST API Field: **orderInformation.amountDetails.taxTypeCode**
- SCMP API Field: **total_tax_type_code**
- Simple Order API Field: **invoiceHeader_totalTaxTypeCode**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Visa Platform Connect: totalTaxTypeCode

invoiceHeader_userPO

The values used by your customer to identify the order.

This value is typically a purchase order number.

It is recommended that you do not populate the field with all zeros or nines.

FDC Nashville Global

You must provide a value in this field or in the **merchantReferenceCode** field.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 17

Chase Paymentech Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Elavon Americas

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 17

FDC Compass

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

FDC Nashville Global

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

FDMS Nashville

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

FDMS South

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

GPN

- **Field Type:** Request
- **Data Type:** String
- **Data Length for Mastercard:** 17
- **Data Length for Visa:** 25

OmniPay Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length for Mastercard:** 17
- **Data Length for Visa:** 25

RBS WorldPay Atlanta

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

TSYS Acquiring Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String with numbers and letters only
- **Data Length:** 17

Worldpay VAP

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 17

Mapping Information

- **REST API Field: orderInformation.invoiceDetails.purchaseOrderNumber**
- **SCMP API Field: user_po**
- **Simple Order API Field: invoiceHeader_userPO**

Processor Field Names

Processor-specific field names for each processor supporting this field for Level II or Level III processing:

- **American Express Direct:** N/A
- **Chase Paymentech Solutions:** Customer Reference Number
- **Elavon Americas:** Purchase Identifier
- **FDC Compass:** Customer Reference Number
- **FDC Nashville Global:** Customer Code
- **FDMS Nashville:** N/A

- **FDMS South:** N/A
- **GPN:** Market Data - Customer Code and Reference Number
- **OmniPay Direct:** Customer Code / Customer Reference ID
- **RBS WorldPay Atlanta:** PC2 Customer ID
- **TSYS Acquiring Solutions:** N/A
- **Visa Platform Connect:** customerCode
- **Worldpay VAP:** customerReference

invoiceHeader_vatInvoiceReferenceNumber

VAT invoice number associated with the transaction.

Specifications

Elavon Americas

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

FDC Nashville Global

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

RBS WorldPay Atlanta

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

TSYS Acquiring Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Worldpay VAP

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- REST API Field: **orderInformation.invoiceDetails.vatInvoiceReferenceNumber**
- SCMP API Field: **vat_invoice_ref_number**
- Simple Order API Field: **invoiceHeader_vatInvoiceReferenceNumber**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Elavon Americas: VAT Invoice Reference Number (Unique)
- FDC Nashville Global: VAT Invoice Reference Number
- RBS WorldPay Atlanta: VAT Invoice Number
- TSYS Acquiring Solutions: Unique VAT Invoice Reference Number
- Visa Platform Connect: vatInvoiceReferenceNumber
- Worldpay VAP: Invoice Reference Number

invoiceHeader_invoiceDate

Date of the tax calculation in Pacific time.

You can provide a date in the past when you are calculating tax for a refund and want to know what the tax was on the date the order was placed. You can provide a date in the future when you are calculating the tax for a future date, such as an upcoming tax holiday. When you do not include this field in the request, the tax calculation date is set to the current date.

Adjust this value when you are in a different time zone and want the tax calculated with the rates that apply on a specific date.

Format: yyyyMMdd

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: orderInformation.invoiceDetails.invoiceDate**
- **SCMP API Field: invoice_date**
- **Simple Order API Field: invoiceHeader_invoiceDate**

invoiceHeader_merchantDescriptor

Your business name.

This name is displayed on the cardholder's statement. When you include more than one consecutive space, extra spaces are removed.

> **Important:** The value must consist of English characters.

Payouts on Chase Paymentech Solutions

Use one these formats:

- <12-character merchant name>*<9-character product description>
- <7-character merchant name>*<14-character product description>
- <3-character merchant name>*<18-character product description>

Payouts on FDC Compass and Visa Platform Connect

For a credit card bill payment, set the value for this field to the name of the originator providing the credit card bill payment service.

For a funds disbursement, set the value for this field to the name of the originator sending the funds disbursement.

For a prepaid load, set the value for this field to the name of the partner providing the reload service.

Payouts on FDC Nashville Global

You must be enabled as a government controlled merchant in the CyberSource system with the attribute CFG : <proc>_governmentControlled.

PIN Debits

When you do not include this value in a PIN debit request, Cybersource uses the merchant name in your account.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 23

Mapping Information

- **REST API Field: merchantInformation.merchantDescriptor.name** This field requires the country name (2-Char ISO enum).
- **SCMP API Field: merchant_descriptor**
- **Simple Order API Field: invoiceHeader_merchantDescriptor**

invoiceHeader_merchantDescriptorAlternate

Alternate contact information for your business, such as an email address or URL.

This value might appear on the cardholder's statement.

For authorizations, this value is not sent to the processor. Instead, this value is stored and sent to the processor for captures and follow-on credits.

For information about what happens when you do not include this value in your request, see the Merchant Descriptor Logic section in the *Merchant Descriptors Developer Guide*.

Services

- **Authorization:** Optional
- **Capture:** Optional
- **Credit:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

Mapping Information

- **REST API Field: merchantInformation.merchantDescriptor.alternate**
- **SCMP API Field: merchant_descriptor_alternate**
- **Simple Order API Field: invoiceHeader_merchantDescriptorAlternate**

invoiceHeader_merchantDescriptorCity

City for your business location.

This value might be displayed on the cardholder's statement.

When you do not include this value in your PIN debit request, Cybersource uses the merchant city from your account.

> **Important:** The value must consist of English characters.

Payouts

For an OCT transaction, the only supported value is `Visa Direct`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

Mapping Information

- **REST API Field: merchantInformation.merchantDescriptor.locality**
- **SCMP API Field: merchant_descriptor_city**
- **Simple Order API Field: invoiceHeader_merchantDescriptorCity**

invoiceHeader_merchantDescriptorContact

Contact information for your business.

This value must be the city in which your store or outlet is located.

When you include more than one consecutive space, extra spaces are removed.

This value might be displayed on the cardholder's statement.

Payouts

For Chase Paymentech Solutions, you must use one of the following formats:

- PCCCCCCCCCCCC
- NNN-NNN-NNNN
- NNN-NNN-NAAA
- NNN-NNN-AAAA
- NNN-AAAAAAA

where:

- A: Alphanumeric (alpha or numeric)
- C: Character (alpha or blank)
- N: Numeric
- P: Alpha

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

Mapping Information

- **REST API Field: merchantInformation.merchantDescriptor.contact**
- **SCMP API Field: merchant_descriptor_contact**
- **Simple Order API Field: invoiceHeader_merchantDescriptorContact**

invoiceHeader_merchantDescriptorCountry

Country code for your business location.

Use the standard ISO Standard Country Codes.

> **Important:** This value must consist of English characters.

This value might be displayed on the cardholder's statement.

When you do not include this value in your request, Cybersource uses the merchant country from your account.

If your business is located in the U.S. or Canada and you include this field in a request, you must also include **invoiceHeader_merchantDescriptorState**.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: merchantInformation.merchantDescriptor.country**
- **SCMP API Field: merchant_descriptor_country**
- **Simple Order API Field: invoiceHeader_merchantDescriptorCountry**

invoiceHeader_merchantDescriptorCountryOfOrigin

Country of origin for your business.

Use the ISO Standard Country Codes.

> **Important:** This value must consist of English characters.

This field is supported only for Mastercard on Visa Platform Connect, FDC Nashville Global, and GPX.

If you are a government-controlled merchant, you must include this field in authorization requests or ensure that your Cybersource account includes the correct country code with a 2-Char ISO enum. You must be enabled as a government-controlled merchant in the Cybersource system with the attribute CFG : <proc>_governmentControlled.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: merchantInformation.merchantDescriptor.countryOfOrigin**
- **SCMP API Field: merchant_descriptor_countryoforigin**
- **Simple Order API Field: invoiceHeader_merchantDescriptorCountryOfOrigin**

invoiceHeader_merchantDescriptorPostalCode

Postal code for your business location.

Important: This value must consist of Engligh characters.

Important: Mastercard requires a postal code for any country that uses postal codes. You can provide the postal code in your Cybersource account or you can include this field in your request.

This value might be displayed on the cardholder's statement.

If your business is domiciled in the U.S., you can use a 5-digit or 9-digit postal code. A 9-digit postal code must follow this format: [5 digits][dash][4 digits] **Example:** 12345-6789

If your business is domiciled in Canada, use a 6-digit postal code. A 6-digit postal code must follow this format: [alpha][numeric][alpha][space] [numeric][alpha][numeric] **Example:** A1B 2C3

When you do not include this value in your PIN debit request, Cybersource uses the merchant postal code from your account.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 14

Mapping Information

- **REST API Field: merchantInformation.merchantDescriptor.postalCode**
- **SCMP API Field: merchant_descriptor_postal_code**
- **Simple Order API Field: invoiceHeader_merchantDescriptorPostalCode**

invoiceHeader_merchantDescriptorState

State code or region code for your business location.

Use the standard state, province, and territory codes for the United States and Canada.

This field is supported only for businesses located in the U.S. or Canada.

> **Important:** This value must consist of Engligh characters.

This value might be displayed on the cardholder's statement.

When you do not include this value in your PIN debit request, Cybersource uses the merchant state from your account.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: merchantInformation.merchantDescriptor.administrativeArea**
- **SCMP API Field: merchant_descriptor_state**
- **Simple Order API Field: invoiceHeader_merchantDescriptorState**

invoiceHeader_merchantDescriptorStreet

Street address for your business location.

> **Important:** This value must consist of English characters.

This value might be displayed on the cardholder's statement.

When you include this value in your request, Cybersource recommends you also include the merchant descriptor country, merchant descriptor state, and merchant descriptor postal code in your request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - Visa Platform Connect: 29
  - All other processors: 60

Mapping Information

- **REST API Field: merchantInformation.merchantDescriptor.address1**
- **SCMP API Field: merchant_descriptor_street**
- **Simple Order API Field: invoiceHeader_merchantDescriptorStreet**

invoiceHeader_merchantVATRegistrationNumber

Your government-assigned tax identification number.

Specifications

Elavon Americas

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 20

GPN

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 20

OmniPay Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 21

RBS WorldPay Atlanta

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 20

TSYS Acquiring Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 20

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 20

Worldpay VAP

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 20

For processors that support Payouts

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

Mapping Information

- REST API Field: **merchantInformation.vatRegistrationNumber**
- SCMP API Field: **merchant_vat_registration_number**
- Simple Order API Field: **invoiceHeader_merchantVATRegistrationNumber**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Elavon Americas: VAT Invoice Reference Number (Unique)
- GPN: Merchant VAT Number
- OmniPay Direct: Merchant VAT Registration / Single Business Reference Number / Merchant Tax ID / Corporation VAT Number
- RBS WorldPay Atlanta: Merchant VAT Number

- TSYS Acquiring Solutions: Merchant VAT Registration Number
- Visa Platform Connect: merchantVATRegistrationNumber
- Worldpay VAP: cardAcceptorTaxId

invoiceHeader_purchaserCode

Customer ID reference number that identifies the customer for a Level II transaction.

Specifications

FDMS South

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 17

Mapping Information

- REST API Field: **buyerInformation.merchantCustomerID**
- SCMP API Field: **purchaser_code**
- Simple Order API Field: **invoiceHeader_purchaserCode**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- FDMS South: N/A

invoiceHeader_purchaserOrderDate

Date the order was processed.

Worldpay VAP

All other processors

Specifications

Elavon Americas

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

GPN

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

OmniPay Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

RBS WorldPay Atlanta

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

TSYS Acquiring Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

Worldpay VAP

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- REST API Field: **orderInformation.invoiceDetails.purchaseOrderDate**
- SCMP API Field: **purchaser_order_date**
- Simple Order API Field: **invoiceHeader_purchaserOrderDate**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Elavon Americas: Order Date
- GPN: Order Date
- OmniPay Direct: Order Date
- RBS WorldPay Atlanta: Order Date

- TSYS Acquiring Solutions: Order Date
- Visa Platform Connect: purchaserOrderDate
- Worldpay VAP: orderDate

invoiceHeader_purchaserVATRegistrationNumber

Customer's government-assigned tax identification number.

Specifications

Elavon Americas

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

FDC Nashville Global

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

FDMS South

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

GPN

- **Field Type:** Request
- **Data Type:** String
- **Data Length for Mastercard:** 20
- **Data Length for Visa:** 15

OmniPay Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

RBS WorldPay Atlanta

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

TSYS Acquiring Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 20

For processors that support Payouts

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

Mapping Information

- REST API Field:
  - **buyerInformation.vatRegistrationNumber**
  - **senderInformation.vatRegistrationNumber**
- SCMP API Field: **purchaser_vat_registration_number**
- Simple Order API Field: **invoiceHeader_purchaserVATRegistrationNumber**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Elavon Americas: Customer VAT Registration Number
- FDC Nashville Global: Customer VAT Registration Number
- FDMS South: N/A
- GPN: Customer VAT Number
- OmniPay Direct: Customer VAT Registration Number
- RBS WorldPay Atlanta: Customer VAT Number
- TSYS Acquiring Solutions: Customer VAT Registration Number
- Visa Platform Connect: purchaseVATRegistrationNumber

invoiceHeader_referenceDataCode

Code that identifies the value of the **invoiceHeader_referenceDataNumber** field.

This field is a pass-through, which means that this value is not verified or modified in any way before it is sent to the processor.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- REST API Field: **orderInformation.invoiceDetails.referenceDataCode**
- SCMP API Field: **reference_data_code**
- Simple Order API Field: **invoiceHeader_referenceDataCode**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

invoiceHeader_referenceDataNumber

The reference number associated with the **invoiceHeader_referenceDataCode** field.

The meaning of this reference number is defined by the **invoiceHeader_referenceDataCode** field.

This field is a pass-through, which means that this value is not verified or modified in any way before it is sent to the processor.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 30

Mapping Information

- REST API Field: **orderInformation.invoiceDetails.referenceDataNumber**
- SCMP API Field: **reference_data_number**
- Simple Order API Field: **invoiceHeader_referenceDataNumber**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

invoiceHeader_salesOrganizationID

Company ID assigned to an independent sales organization.

This field is supported only for aggregator transactions. Get the value for this field from the payment card company.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 106-116
- Field: Independent Sales Organization ID

Specifications

- **Field Type:** Request
- **Data Type:** Nonnegative integer
- **Data Length:** 11

Mapping Information

- **REST API Field: merchantInformation.salesOrganizationId**
- **SCMP API Field: sales_organization_id**
- **Simple Order API Field: invoiceHeader_salesOrganizationID**

invoiceHeader_submerchantCity

Sub-merchant's city.

Chase Paymentech Solutions

This field is supported only for Payouts transactions. It is not supported for standard credit card transactions.

FDC Compass

This value must consist of uppercase characters.

Getnet

Allowable characters are letters, numbers, and spaces. Special characters are not allowed.

Visa Platform Connect

The value for this field does not map to the TC 33 capture file.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - American Express Direct: 14
  - **Chase Paymentech Solutions:** 21 for Mastercard, 13 for Visa
  - Cielo: 13
  - FDC Compass: 21
  - FDC Nashville Global: 11
  - Getnet: 13—When length is greater than 13, characters to the right of the 13th character are discarded.
  - Rede: 13
  - Software Express: 21
  - Visa Platform Connect: 14

Mapping Information

- **REST API Field: aggregatorInformation.subMerchant.locality**
- **SCMP API Field: submerchant_city**
- **Simple Order API Field: invoiceHeader_submerchantCity**

invoiceHeader_submerchantCountry

Sub-merchant's country.

Use a two-character ISO country code.

Chase Paymentech Solutions

This field is supported only for Payouts transactions. It is not supported for standard credit card transactions.

FDC Compass

This value must consist of uppercase letters.

Visa Platform Connect

The value for this field does not map to the TC 33 capture file.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: aggregatorInformation.subMerchant.country**
- **SCMP API Field: submerchant_country**
- **Simple Order API Field: invoiceHeader_submerchantCountry**

invoiceHeader_submerchantEmail

Sub-merchant's email address.

Chase Paymentech Solutions

This field is supported only for Payouts transactions. It is not supported for standard credit card transactions.

Visa Platform Connect

With American Express, the value of this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCRB
- Position: 25-64
- Field: American Express Seller Email Address

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - FDC Nashville Global: 19
  - All other processors: 40

Mapping Information

- **REST API Field: aggregatorInformation.subMerchant.email**
- **SCMP API Field: submerchant_email**
- **Simple Order API Field: invoiceHeader_submerchantEmail**

invoiceHeader_submerchantID

ID that you assigned to the sub-merchant.

FDC Compass

This value must consist of uppercase letters.

Visa Platform Connect

This field is required for the following service:

- **Payouts OCT**: Required in OCT requests from merchants that are payment facilitators using Visa Platform Connect.

Chase Paymentech Solutions

This field is supported only for Payouts transactions. It is not supported for standard credit card transactions.

Visa Platform Connect

With American Express, the value of this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCRB
- Position: 65-84
- Field: American Express Seller ID

With Mastercard and Visa, the value of this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 117-131
- Field: Sub-Merchant ID

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - American Express Direct: 20
  - Chase Paymentech Solutions: 20
  - Cielo: 15
  - FDC Compass: 20
  - FDC Nashville Global: 14
  - Getnet: 15
  - Rede: 15
  - Software Express: 20
  - Visa Platform Connect:
    - American Express: 20
    - Mstercard: 15
    - Visa: 15

Mapping Information

- **REST API Field: aggregatorInformation.subMerchant.id**
- **SCMP API Field: submerchant_id**
- **Simple Order API Field: invoiceHeader_submerchantID**

invoiceHeader_submerchantMerchantID

Unique identifier assigned by the payment card company to the sub-merchant.

This field is supported only for aggregator authorizations on FDC Nashville Global with American Express.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: aggregatorInformation.subMerchant.cardAcceptorId**
- **SCMP API Field: submerchant_merchant_id**
- **Simple Order API Field: invoiceHeader_submerchantMerchantID**

invoiceHeader_submerchantName

Sub-merchant's business name.

Chase Paymentech Solutions

This field is supported only for Payouts transactions. It is not supported for standard credit card transactions.

FDC Compass

This value must consist of uppercase characters.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCRB
- Position: 109-146
- Field: American Express Seller Name

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**

- American Express Direct: Maximum length of the sub-merchant name depends on the length of the aggregator name. The combined length for both values must not exceed 37 characters.
- **Chase Paymentech Solutions:** Mastercard: 22. Visa: 25.
- FDC Compass: American Express: 19. Mastercard: maximum length of the sub-merchant name depends on the length of the aggregator name. The combined length for both values must not exceed 37 characters.
- FDC Nashville Global: American Express: 12. Mastercard: maximum length of the sub-merchant name depends on the length of the aggregator name: if aggregator name length is 1 through 3, maximum sub-merchant name length is 21; if aggregator name length is 4 through 7, maximum sub-merchant name length is 17; if aggregator name length is 8 through 12, maximum sub-merchant name length is 12.
- Visa Platform Connect: American Express: maximum length of the sub-merchant name depends on the length of the aggregator name. The combined length for both values must not exceed 36 characters. Not used with other card types.

Mapping Information

- **REST API Field: aggregatorInformation.subMerchant.name**
- **SCMP API Field: submerchant_name**
- **Simple Order API Field: invoiceHeader_submerchantName**

invoiceHeader_submerchantPostalCode

Partial postal code for the sub-merchant's address.

Chase Paymentech Solutions

This field is supported only for Payouts transactions. It is not supported for standard credit card transactions.

FDC Compass

This value must consist of uppercase letters.

Getnet

All characters must be numbers. Special characters are not allowed.

Visa Platform Connect

The value for this field does not map to the TC 33 capture file.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - American Express Direct: `10`
  - Chase Paymentech Solutions: `15`
  - Cielo: `9`
  - FDC Compass: `15`
  - FDC Nashville Global: `9`
  - Getnet: `9`
  - Rede: `9`
  - Software Express: `15`
  - Visa Platform Connect: `10`

Mapping Information

- **REST API Field: aggregatorInformation.subMerchant.postalCode**
- **SCMP API Field: submerchant_postal_code**
- **Simple Order API Field: invoiceHeader_submerchantPostalCode**

invoiceHeader_submerchantState

Sub-merchant's state or province.

Use a state, province, or territory code.

Chase Paymentech Solutions

This field is supported only for Payouts transactions. It is not supported for standard credit card transactions.

FDC Compass

This value must consist of uppercase characters.

Getnet

All characters must be uppercase letters. Special characters are not allowed.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR4
- Position: 164-166
- Field: Region Code

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - Getnet: 2—When length is greater than 2, characters to the right of the 2nd character are discarded.
  - All Other Processors: 3

Mapping Information

- **REST API Field: aggregatorInformation.subMerchant.administrativeArea**
- **SCMP API Field: submerchant_state**
- **Simple Order API Field: invoiceHeader_submerchantState**

invoiceHeader_submerchantStreet

Chase Paymentech Solutions

This field is supported only for Payouts transactions. It is not supported for standard credit card transactions.

FDC Compass

This value must consist of uppercase letters.

Getnet

Allowable characters are letters, numbers, and spaces. Special characters are not allowed.

Visa Platform Connect

The value for this field does not map to the TC 33 capture file.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - American Express Direct: 29
  - **Chase Paymentech Solutions:** 38
  - Cielo: 22
  - FDC Compass: 38
  - FDC Nashville Global: 25
  - Getnet: 40—When length is greater than 40, characters to the right of the 40th character are discarded.
  - Rede: 48
  - Software Express: 38
  - Visa Platform Connect: 29

Mapping Information

- **REST API Field: aggregatorInformation.subMerchant.address1**
- **SCMP API Field: submerchant_street**
- **Simple Order API Field: invoiceHeader_submerchantStreet**

invoiceHeader_submerchantTelephoneNumber

Sub-merchant's telephone number.

Chase Paymentech Solutions

This field is supported only for Payouts transactions. It is not supported for standard credit card transactions.

FDC Compass

This value must consist of numbers or a combinations of numbers and uppercase letters.

Formats:

- NNN-NNN-NNNN
- NNN-AAAAAAA

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCRB
- Position: 5-24
- Field: American Express Seller Telephone Number

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - American Express Direct: 20
  - **Chase Paymentech Solutions:** 20
  - Cielo: 13
  - FDC Compass: 13

- FDC Nashville Global: 10
- Software Express: 20
- Visa Platform Connect: 20

Mapping Information

- **REST API Field: aggregatorInformation.subMerchant.phoneNumber**
- **SCMP API Field: submerchant_telephone_number**
- **Simple Order API Field: invoiceHeader_submerchantTelephoneNumber**

invoiceHeader_supplierOrderReference

Text description of the item.

FDC Nashville Global

Due to the limited functionality of the **invoiceHeader_supplierOrderReference** field, you should use the field instead. Only include on of these fields in a request. Including both fields may result in an error.

Specifications

FDC Nashville Global

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

OmniPay Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length for Mastercard:** 17
- **Data Length for Visa:** 25

Mapping Information

- REST API Field: **orderInformation.invoiceDetails.supplierOrderReference**
- SCMP API Field: **supplier_order_reference**
- Simple Order API Field: **invoiceHeader_supplierOrderReference**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- FDC Nashville Global: Item Description Part A
- OmniPay Direct: Purchase Identifier / Merchant Related Data / Merchant Reference Number

invoiceHeader_taxable

Flag that indicates whether an order is taxable.

Possible values:

- `true`: Order is taxable
- `false`: Order is not taxable

RBS WorldPay Atlanta

This field is required for Level II Mastercard and Visa transactions. If **item_#_taxAmount** = 0, set this field to `falseN`. If **item_#_taxAmount** > 0, set this field to `trueY`.

Visa Platform Connect

This value must be `Y` if the the **item_#_taxAmount** value > 0.

If you do not include any **item_#_taxAmount** values in your request, the **invoiceHeader_taxable** field value is not included in the request.

Worldpay VAP

This field is required if **item_#_taxAmount** = 0. This field is optional if **item_#_taxAmount** > 0.

Specifications

FDMS Nashville

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

FDMS South

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

RBS WorldPay Atlanta

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Worldpay VAP

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- REST API Field: **orderInformation.invoiceDetails.taxable**
- SCMP API Field: **tax_indicator**
- Simple Order API Field: **invoiceHeader_taxable**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- FDMS Nashville: N/A
- FDMS South: N/A
- RBS WorldPay Atlanta: Tax Exempt
- Visa Platform Connect: localTaxIncluded
- Worldpay VAP: taxExempt

issuer_additionalData

Data defined by the issuer.

This field is supported only for Visa and Mastercard on Visa Platform Connect.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP08 TCR1
- Position: 5-168
- Field: Free Form Text

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Important: For an authorization, the maximum length for this value is 255 characters. In the capture file, the value is truncated at 164 characters.

Mapping Information

- **REST API Field: issuerInformation.discretionaryData** and **processingInformation.issuer.discretionaryData**
- **SCMP API Field: issuer_additional_data**
- **Simple Order API Field: issuer_additionalData**

issuer_message

Text message from the issuer.

If you give the customer a receipt, display this value on the receipt.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 250

Mapping Information

- **REST API Field:** No corresponding field.
- **SCMP API Field: issuer_message**
- **Simple Order API Field: issuer_message**

issuer_responseCode

Additional authorization code that must be printed on the receipt when returned by the processor.

This value is generated by the processor and is returned only for a successful transaction.

Processors supported for card-present transactions:

- FDC Nashville Global
- SIX

Processor supported for card-not-present transactions:

- HSBC

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 6

Mapping Information

- **REST API Field: issuerInformation.responseCode**
- **SCMP API Field: issuer_response_code**
- **Simple Order API Field: issuer_responseCode**

issuer_riskAnalysisExemptionResult

Reason that the issuer declined your request for a strong customer authentication exemption.

This field is supported only on Visa Platform Connect.

This value is a series of a maximum of 20 four-digit codes and no delimiters. Possible codes:

- `8401`: You are not participating in the Visa Trusted Listing program.
- `8402`: Issuer is not participating in the Visa Trusted Listing program.
- `8403`: Your business is not included on the cardholder's list of trusted merchants.
- `8404`: Issuer response is unclear or invalid.
- `8473`: Your business is not included on the cardholder's list of trusted merchants.
- `8474`: Transaction information does not meet the exemption criteria.
- `8904`: Issuer response is unclear or invalid (Visa).
- `8905`: No entry found in the supplemental database (Visa).
- `8906`: Did not meet exemption criteria (Visa).
- `8A01`: Merchant not participating in Visa Delegated Authentication Program.
- `8A02`: Issuer not participating in Visa Delegated Authentication Program.
- `8A04`: Issuer response is unclear or invalid.
- `8A06`: Did not meet the exemption criteria (Visa).
- `8A07`: Visa merchant ID invalid for service.
- `8A08`: CAVV invalid value.
- `8A76`: Did not meet the exemption criteria (Issuer).

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR9
- Position: 61-140
- Field: Reasons for Not Honoring SCA Exemptions

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 80

Mapping Information

- **REST API Field: consumerAuthenticationInformation. strongAuthentication.issuerInformation.riskAnalysisExemptionResult**
- **SCMP API Field: issuer_risk_analysis_exemption_result**
- **Simple Order API Field: issuer_riskAnalysisExemptionResult**
- **Secure Acceptance API Field: No corresponding field.**

issuer_secureCorporatePaymentResult

Code that indicates whether the issuer validated your request for a secure corporate payment exemption.

This field is supported only on Visa Platform Connect.

Possible values:

- 2: Request for a secure corporate payment exemption was validated.
- 3: Request for a secure corporate payment exemption was not validated.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation.strongAuthentication.issuerInformation.secureCorporatePaymentResult**
- **SCMP API Field: issuer_secure_corporate_payment_result**
- **Simple Order API Field: issuer_secureCorporatePaymentResult**

issuer_transactionRiskAnalysisExemptionResult

Code that indicates whether the issuer validated your request for a transaction risk analysis exemption.

This field is supported only on Visa Platform Connect.

Possible values:

- 2: Request for a transaction risk analysis exemption was validated.
- 3: Request for a transaction risk analysis exemption was not validated.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation.strongAuthentication.issuerInformation.transactionRiskAnalysisExemptionResult**
- **SCMP API Field: issuer_transaction_risk_analysis_exemption_result**
- **Simple Order API Field: issuer_transactionRiskAnalysisExemptionResult**

issuer_trustedMerchantExemptionResult

Code that indicates whether the issuer honored or denied the customer's request for trusted merchant exemption.

This field is supported only on Visa Platform Connect.

Possible values:

- `1`: Trusted merchant exemption validated.
- `2`: Trusted merchant exemption failed validation.

issuer_trustedMerchantExemptionResult

Code that indicates whether the issuer honored or denied the customer's request for trusted merchant exemption.

This field is supported only on Visa Platform Connect.

Possible values:

- `1`: Trusted merchant exemption validated.
- `2`: Trusted merchant exemption failed validation.

issuer_trustedMerchantExemptionResult

Code that indicates whether the issuer validated your request for a trusted merchant exemption.

This field is supported only on Visa Platform Connect.

Possible values:

- 2: Request for a trusted merchant exemption was validated.
- 3: Request for a trusted merchant exemption was not validated.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation.strongAuthentication.issuerInformation.trustedMerchantExemptionResult**
- **SCMP API Field: issuer_trusted_merchant_exemption_result**
- **Simple Order API Field: issuer_trustedMerchantExemptionResult**

issuer_lowValueExemptionResult

Code that indicates whether the issuer validated your request for a low-value amount exemption.

This field is supported only on Visa Platform Connect.

Possible values:

- 2: Request for a low-value amount exemption was validated.
- 3: Request for a low-value amount exemption was not validated.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation.strongAuthentication.issuerInformation.lowValueExemptionResult**
- **SCMP API Field: issuer_low_value_exemption_result**
- **Simple Order API Field: issuer_lowValueExemptionResult**

item_#_buyerRegistration

Buyer's VAT registration number.

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: buyerInformation.vatRegistrationNumber**
- **SCMP API Field: buyer_registration**
- **Simple Order API Fields:**
  - **item_#_buyerRegistration**
  - **taxService_buyerRegistration**

item_#_export

List of ISO country codes for the countries to which the product can be exported.

This field is used only when the **processingInformation.actionList** field contains the value `WATCHLIST_SCREENING`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** xx

Mapping Information

- **REST API Field: orderInformation.lineItems[].allowedExportCountries[]**
- **SCMP API Field: export**
- **Simple Order API Field: item_#_export**

item_#_noExport

List of ISO country codes for countries to which the product cannot be exported.

This field is used only when the **processingInformation.actionList** field contains the value `WATCHLIST_SCREENING`.

Specifications

- **Field Type:** Request
- **Data Type:** Array of strings
- **Data Length:** 2,147,483,647

Mapping Information

- **REST API Field: orderInformation.lineItems[].restrictedExportCountries[]**
- **SCMP API Field: no_export**
- **Simple Order API Field: item_#_noExport**

item_#_alternateTaxAmount

Amount collected for a special type of tax.

> **Important:**
>
> Do not confuse this offer-level field with the **item_#_alternateTaxAmount** order-level field.

FDC Nashville Global

Visa: VAT or other tax amount.

Mastercard: Tax amount collected for a special type of tax. Do not set this field to 0 (zero).

Specifications

FDC Nashville Global

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 13

Worldpay VAP

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- REST API Field: **orderInformation.lineItems[].taxDetails[].amount**
- SCMP API Field: **alternate_tax_amount**
- Simple Order API Field: **item_#_alternateTaxAmount**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- FDC Nashville Global: Item Other Tax Amount
- Worldpay VAP: taxAmount

item_#_alternateTaxAmount (OmniPay Direct)

Tax amount on shipping/freight.

Specifications

OmniPay Direct

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- REST API Field: **orderInformation.lineItems[].taxDetails[].amount**
- SCMP API Field: **alternate_tax_amount**
- Simple Order API Field: **item_#_alternateTaxAmount**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- OmniPay Direct: VAT / Tax Amount (Freight or Shipping)

item_#_alternateTaxRate

Alternative tax rate applied to the item.

FDC Nashville Global

For Mastercard, this is the rate for a special tax.

For Visa, this is a VAT tax or other tax rate.

OmniPay Direct

This rate is used to generate the value of the **item_#_alternateTaxAmount** Item-level field.

When you include the **item_#_alternateTaxAmount** Item-level field or the **otherTax_nationalTaxAmount** request field, do not include the **item_#_alternateTaxRate** field. The **otherTax_nationalTaxAmount** request field rate will be set using the following equation:

otherTax_nationalTaxAmount / item_#_unitPrice field.

For Visa, this is a VAT tax or other tax rate.

Specifications

FDC Nashville Global

- **Field Type:** Item-level
- **Data Type:** String
- **Data Length:** 5

GPN

- **Field Type:** Item-level
- **Data Type:** String
- **Data Length:** 5

OmniPay Direct

- **Field Type:** Item-level
- **Data Type:** String
- **Data Length:** 4

Worldpay VAP

- **Field Type:** Item-level
- **Data Type:** string
- **Data Length:** 8

Mapping Information

- REST API Field: **orderInformation.lineItems[].taxDetails[].rate**
- SCMP API Field: **alternate_tax_amount**
- Simple Order API Field: **item_#_alternateTaxRate**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- FDC Nashville Global: Item Tax Rate Applied
- GPN: Tax Rate N
- OmniPay Direct: VAT / TAx Rate (Freight or Shipping)
- Worldpay VAP: taxRate

item_#_alternateTaxType

A flag that indicates whether an alternative tax amount (**otherTax_alternateTaxAmount**) is included in the request.

Possible values for this field:

- **0**: Alternate tax amount is not included in the request
- **1**: Alternate tax amount is included in the request

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- REST API Field: N/A
- SCMP API Field: **alternate_tax_amount_indicator**
- Simple Order API Field: **otherTax_alternateTaxIndicator**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Elavon Americas: National /Alternate Tax Included
- FDC Nashville Global: Other Tax Indicator
- RBS WorldPay Atlanta: Alternate Tax Indicator
- TSYS Acquiring Solutions: Alternate Tax Amount Indicator

item_#_alternateTaxType

Flag that indicates the type of tax collected for **item_#_ alternateTaxAmount**.

Possible values:

- `00`: unknown
- `01`: federal or national sales tax
- `02`: states sales tax
- `03`: city sales tax
- `04`: local sales tax
- `05`: municipal sales tax
- `06`: other tax
- `10`: value-added tax (VAT)
- `11`: goods and services tax (GST)
- `12`: provincial sales tax
- `20`: room tax
- `21`: occupancy tax
- `22`: energy tax

Specifications

FDC Nashville Global

- **Field Type:** Item-level
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- REST API Field: **orderInformation.lineItems[].taxDetails[].code**
- SCMP API Field: **alternate_tax_type_identifier**
- Simple Order API Field: **item_#_ alternateTaxType**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- FDC Nashville Global: Tax Type Identifier

item_#_alternateTaxTypeApplied

For Mastercard: flag that defines tax categories for domestic processing in certain locations.

For Visa: VAT or other tax type.

Specifications

FDC Nashville Global

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- REST API Field: **orderInformation.lineItems[].taxDetails[].code**
- SCMP API Field: **alternate_tax_type_applied**
- Simple Order API Field: **item_#_alternateTaxTypeApplied**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- FDC Nashville Global: Item Tax Type Applied

item_#_alternateTaxID

Your tax ID number to use for the alternate tax amount.

Specifications

Elavon Americas

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 15

FDC Nashville Global

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 15

RBS WorldPay Atlanta

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 15

TSYS Acquiring Solutions

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 15

Worldpay VAP

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- REST API Field: **orderInformation.lineItems[].taxDetails[].taxID**
- SCMP API Field: **alternate_tax_id**
- Simple Order API Field: **item_#_alternateTaxID**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Elavon Americas (Field name for Mastercard): Tax Amount
- FDC Nashville Global: Tax Amount 1 Tax ID
- RBS WorldPay Atlanta: Alternate Tax ID
- TSYS Acquiring Solutions: Alternate Tax Identifier
- Worldpay VAP: cardAcceptorTaxId

item_#_ commodityCode

Commodity code used to classify an item.

Specifications

Chase Paymentech Solutions

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

Elavon Americas

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

FDC Compass

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

FDC Nashville Global

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

GPN

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length for Mastercard:** 15
- **Data Length for Visa:** 12

OmniPay Direct

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length for Mastercard:** 4
- **Data Length for Visa:** 12

RBS WorldPay Atlanta

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

TSYS Acquiring Solutions

- **Field Type:** Item-level
- **Data Type:** String
- **Data Length:** 12

Visa Platform Connect

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

Worldpay VAP

- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: orderInformation.lineItems[].commodityCode**
- **SCMP API Field: commodity_code**
- **Simple Order API Field: item_#_commodityCode**

Processor Field Names

Processor-specific field names for each processor supporting this field for Level II or Level III processing:

- **Chase Paymentech Solutions:** Item Commodity Code
- **Visa Platform Connect:** commodityCode
- **Elavon Americas:** Item Commodity Code
- **FDC Compass:** Item Commodity Code
- **FDC Nashville Global:** Item Commodity Code
- **GPN:** Item Commodity Code
- **OmniPay Direct:** Item Commodity Code
- **RBS WorldPay Atlanta:** Commodity Code
- **TSYS Acquiring Solutions:** Item Commodity Code
- **Worldpay VAP:** commodityCode

item_#_ discountAmount

Discount applied to the item.

FDC Nashville Global

Do not set this field to 0 (zero) for Mastercard transactions.

The maximum value of this field is `99,999`.99

This field may be required for all Level III processing, depending on your merchant category code. Check with your processor.

Specifications

Chase Paymentech Solutions

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length (Mastercard):** 10
- **Data Length (Visa):** 13

- **Field Type:** Item-level request
- **Data Type:** Numeric String
- **Data Length (Mastercard):** 9
- **Data Length (Visa):** 12

FDC Compass

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length (Mastercard):** 10
- **Data Length (Visa):** 13

FDC Nashville Global

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 13

GPN

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

OmniPay Direct

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

RBS WorldPay Atlanta

- **Field Type:** Item-level request
- **Data Type:** Numeric
- **Data Type:** String
- **Data Length:** 8

TSYS Acquiring Solutions

- **Field Type:** Item-level request
- **Data Type:** String
- **Length:** 13

Visa Platform Connect

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

Worldpay VAP

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: orderInformation.lineItems[].discountAmount**
- **SCMP API Field: discount_amount**
- **Simple Order API Field: item_#_discountAmount**

Processor Field Names

Processor-specific field names for each processor supporting this field for Level II or Level III processing:

- **Chase Paymentech Solutions:**
  - **Mastercard:** Discount Amount
  - **Visa:** Discount Amount for Line Item
- **Elavon Americas:**
  - **Mastercard:** Discount Amount
  - **Visa:** Discount Amount Per Line Item
- **FDC Compass:**
  - **Mastercard:** Discount Amount
  - **Visa:** Discount Amount for Line Item
- **FDC Nashville Global:** Item Discount Amount
- **GPN:** Item Discount
- **OmniPay Direct:**
  - **Mastercard:** Discount Amount
  - **Visa:** Discount Amount for Line Item
- **RBS WorldPay Atlanta:** Discount Amount
- **TSYS Acquiring Solutions:**

    - **Mastercard:** Discount Amount
    - **Visa:** Discount Amount Per Line Item

- **Visa Platform Connect:** discountAmount
- **Worldpay VAP:** Item Discount Amount

item_#_ discountIndicator

Flag indicating a discount was applied to the item.

Possible values:

- `Y`: Discount applied
- `N`: No Discount applied

This field is automatically set to `Y` if the **itam_#_discountAmount** field is greater than 0.

Specifications

Chase Paymentech Solutions

- **Field Type:** Item-level request
- **Type:** String
- **Length:** 1

Elavon Americas

- **Field Type:** Item-level request
- **Type:** String
- **Length:** 1

FDC Compass

- **Field Type:** Item-level request
- **Type:** String
- **Length:** 1

OmniPay Direct

- **Field Type:** Item-level request
- **Type:** String
- **Length:** 1

TSYS Acquiring Solutions

- **Field Type:** Item-level request
- **Type:** String
- **Length:** 1

Mapping Information

- REST API Field: **orderInformation.lineItems[].discountApplied**
- SCMP API Field: **discount_indicator**
- Simple Order API Field: **item_#_discountIndicator**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Chase Paymentech Solutions: Discount Indicator
- Elavon Americas: Discount Indicator
- FDC Compass: Discount Indicator
- TSYS Acquiring Solutions: Discount Indicator

item_#_discountManagementIndicator

Flag to indicate how you handle discount at the line item level.

Possible values:

- `0`: no line level discount provided
- `1`: tax was calculated on the post-discount line item total
- `2`: tax was calculated on the pre-discount line item total

Visa inserts a 0 (zero) value if an invalid value is included in this field.

This field relates to the value in the **item_#_discountAmount** field.

Specifications

Visa Platform Connect

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- REST API Field: **orderInformation.lineItems[].taxAppliedAfterDiscount**
- SCMP API Field: **discount_management_indicator**
- Simple Order API Field: item_#_discountManagementIndicator

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Visa Platform Connect: discountManagementIndicator

item_#_discountRate

Rate at which the item is discounted.

Additional details for all processors and all txns (Level II/III and non-Level II/III).

GPN, TSYS Acquiring Solutions, and Visa Platform Connect

A maximum of 2 decimal places is allowed. Example 5.25 (=5.25%)

OmniPay Direct

Valid range: 0.010 to 0.999 (1% to 99.9%). Example 0.050 (=5%)

RBS WorldPay Atlanta

Maximum amount is 99.99. Example 5.25 (=5.25%)

Specifications

GPN

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 5

OmniPay Direct

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 5

RBS WorldPay Atlanta

- **Field Type:** Item-level request
- **Data Type:** Numberic
- **Data Length:** 5

TSYS Acquiring Solutions

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 6

Visa Platform Connect

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- REST API Field: **orderInformation.lineItems[].discountRate**
- SCMP API Field: **discount_rate**
- Simple Order API Field: **item_#_discountRate**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- GPN: Item Discount Rate
- OmniPay Direct: Item Discount Rate
- RBS WorldPay Atlanta: Discount Rate
- TSYS Acquiring Solutions: Item Discount Rate
- Visa Platform Connect: discountRate

item_#_ grossNetIndicator

Flag that indicates whether the tax amount is included in the Line Item Total.

Possible values:

- **Y**: Tax included in item amount
- **N**: Tax not included in item amount

Specifications

Chase Paymentech Solutions

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 1

Elavon Americas

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 1

FDC Compass

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 1

RBS WorldPay Atlanta

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 1

TSYS Acquiring Solutions

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- REST API Field: **orderInformation.lineItems[].amountIncludesTax**
- SCMP API Field: **gross_net_indicator**
- Simple Order API Field: **item_#_grossNetIndicator**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Chase Paymentech Solutions: Gross/Net Indicator
- Elavon Americas (Mastercard): Net/Gross Indicator
- FDC Compass: Gross Net Indicator
- RBS WorldPay Atlanta: Gross Net Indicator
- TSYS Acquiring Solutions: Net/Gross Indicator

item_#_invoiceNumber

Field to support an invoice number for a transaction.

You must specify the number of offer lines that will include an invoice number. By default, the first offer line includes an invoice number field. By default, the first offer line includes an invoice number field. The invoice number field can be included for up to 10 offer lines.

Specifications

American Express Direct

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 23

Chase Paymentech Solutions

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 23

FDC Compass

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 23

FDMS Nashville

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 23

FDMS South

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 23

GPN

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 23

RBS WorldPay Atlanta

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 23

TSYS Acquiring Solutions

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 23

Visa Platform Connect

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 15

GPN

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 23

Mapping Information

- **REST API Field: orderInformation.lineItems[].invoiceNumber**
- **SCMP API Field: invoice_number**
- **Simple Order API Field: item_#_invoiceNumber**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data.

- **American Express Direct:** N/A
- **Chase Paymentech Solutions:** N/A
- **FDC Compass:** N/A
- **FDC Nashville Global:** N/A
- **FDMS Nashville:** Amount
- **FDMS South:** Amount
- **GPN:** Amount
- **RBS WorldPay Atlanta:** Amount
- **TSYS Acquiring Solutions:** Amount
- **Visa Platform Connect:** invoiceNumber
- **Worldpay VAP:** invoiceNumber

item_#_localTax

Sales tax applied to the item.

> **Important:** For Mastercard, do not set this field to 0 (zero).

Specifications

FDC Nashville Global

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 13

Mapping Information

- REST API Field: **orderInformation.lineItems[].taxDetails[].amount**
- SCMP API Field: **local_tax**
- Simple Order API Field: **item_#_localTax**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- FDC Nashville Global: Item Local Tax Amount

item_#_nationalTax

Amount of national tax or value added tax for countries in which more than one tax is applied.

Provide this value if **item_#_nationalTax** differs from **item_#_taxAmount**. If you do not provide this value, Cybersource assumes that **item_#_nationalTax** is equal to **item_#_taxAmount**.

Specifications

FDC Nashville Global

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 11

FDMS South

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 15

Visa Platform Connect

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- REST API Field: **orderInformation.lineItems[].taxDetails[].amount**
- SCMP API Field: **national_tax**
- Simple Order API Field: **item_#_nationalTax**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- FDC Nashville Global: National Tax Amount
- FDMS South: N/A
- Visa Platform Connect: nationalTaxAmount

item_#_otherTax_#_ amount

Tax amount for the tax type identified by in the **item_#_otherTax_#_rateitem_#_otheTax_#_typeother_tax#_type** field.

For more information on tax fields, see: #unique_622 (on page)

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length for Canadian dollars:** 7
- **Data Length for U.S. dollas:** 9

Mapping Information

- REST API Field: **orderInformation.lineItems[].taxDetails[].amount**
- SCMP API Field: **other_tax#_amount**
- Simple Order API Field: **item_#_otherTax_#_amount**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

item_#_otherTax_#_rate

Tax rate for the tax line item.

A maximum of 2 decimal places is allowed. Valid range is 0.00 to 99.99. The value can also be zero.

For example:

- 60%: `item_0_taxRate=60.00`
- 25.5%: `item_0_taxRate=25.50`
- 33.33%: `item_0_taxRate=33.33`

For more information on tax fields, see: #unique_624 (on page)

Specifications

American Express Direct

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- REST API Field: **orderInformation.amountDetails.taxDetails[].rate**
- SCMP API Field: **other_tax#_rate**
- Simple Order API Field: **item_#_otherTax_#_rate**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

item_#_otherTax_#_ statusIndicator

Status for exemption from sales and use tax.

This field is a pass-though field. This means Cybersource does not verify the value or modify it in any way befoe sending it to the precessor. For possible values, see: #unique_624 (on page)

For more information on tax fields, see: #unique_622 (on page)

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- REST API Field: **orderInformation.lineItems[].exemptAmount**
- SCMP API Field: **other_tax#_status_indicator**
- Simple Order API Field: **item_#_otherTax_#_statusIndicator**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

item_#_otherTax_#_type

Defines the type of tax for the **other_tax#_amountitem_#_otherTax_#_amount** field.

Possible values include:

- `02`: State sales tax
- `03`: City sales tax
- `04`: Local sales tax
- `10`: Value-added tax
- `11`: Goods and services tax
- `12`: Provincial sales tax
- `13`: Harmonized sales tax
- `14`: Quebec sales tax
- `23`: City tax
- `24`: County or parish sales tax
- `25`: County tax
- `26`: Environment tax
- `27`: State and local sales tax (combined)

This field is a pass-though field. This means Cybersource does not verify the value or modify it in any way befoe sending it to the precessor.

For more information on tax fields, see: #unique_622 (on page)

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- REST API Field: **N/A**
- SCMP API Field: **other_tax#_type**
- Simple Order API Field: **item_#_otherTax_#_type**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

item_#_productCode

Type of product.

This value is used to determine the product category: electronic, handling, physical, service, or shipping. The default value is `default`.

Possible values:

- `adult_content`: Adult content.
- `coupon`: Coupon applied to the entire order.
- `default`: Default value for the product code. The value `default` is used when a request message does not include a value for the product code.
- `electronic_good`: Electronic product other than software.
- `electronic_software`: Software distributed electronically rather than on disks or other media.
- `gift_certificate`: Gift certificate.
- `handling_only`: Fee that you charge your customer to cover your administrative selling costs.
- `service`: Service that you perform for your customer.
- `shipping_and_handling`: Handling portion is the fee that you charge your customer to cover your administrative selling costs. Shipping is the charge for shipping the product to your customer.
- `shipping_only`: Charge for transporting tangible personal property from your location to your customer. You must maintain documentation that clearly establishes the location where the title to the property passed from you to your customer.
- `subscription`: subscription to a website or other content.

To use the Tax Calculation service, use values listed in the *Tax Product Code Guide*. For information about this document, contact customer support.

For Authorizations, when you set this to a value other than **default** or any of the values related to shipping and handling, the **item_#_ quantity** , **item_#_productName** , and **item_#_ productSKU** fields are required.

Specifications

- **Field Type:** Item-level
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: orderInformation.lineItems[].productCode**
- **SCMP API Field: product_code**
- **Simple Order API Field: item_#_productCode**

item_#_productName

Name of product.

This is an item-level field.

Specifications

- **Field Type:** Item-level
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: orderInformation.lineItems[].productName**
- **SCMP API Field: product_name**
- **Simple Order API Field: item_#_productName**

item_#_productSKU

Identification code for the product.

This is an item-level field.

Specifications

- **Field Type:** Item-level
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: orderInformation.lineItems[].productSku**
- **SCMP API Field: merchant_product_sku**
- **Simple Order API Field: item_#_productSKU**

item_#_quantity

Quantity of the product.

This is an item-level field.

The default is 1.

Specifications

- **Field Type:** Item-level request
- **Data Type:** Integer
- **Data Length:** 10

Mapping Information

- **REST API Field: orderInformation.lineItems[].quantity**
- **SCMP API Field: quantity**
- **Simple Order API Field: item_#_quantity**

item_#_referenceData_#_code

Code that identifies the value of the corresponding **item_#_referenceData_#_number** field

Possible values:

- `AN`: Client-defined asset code
- `MG`: Manufacturers part number
- `PO`: Purchase order number
- `SK`: Supplier stock keeping unit number
- `UP`: Universal product code
- `VC`: Supplier catalog number
- `VP`: Vender part number

This field is a pass-though field. This means Cybersource does not verify the value or modify it in any way before sending it to the precessor.

Specifications

American Express Direct

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- REST API Field: **orderInformation.lineItems[].referenceDataCode**
- SCMP API Field: **reference_data_#__code**
- Simple Order API Field: **item_#_referenceData_#_code**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

item_#_referenceData_#_number

Reference number. The meaning of this value is defined by the value of the corresponding **item_#_referenceData_#_code** field.

Specifications

American Express Direct

- **Field Type:** Line ItemOffer-levelItem-level request
- **Data Type:** String
- **Data Length for code PO:** 22
- **Data Length for code VC:** 20
- **Data Length for all other codes:** 30

Mapping Information

- REST API Field: **orderInformation.lineItems[].referenceDataNumber**
- SCMP API Field: **reference_data_#__number**
- Simple Order API Field: **item_#_referenceData_#_number**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

item_#_sign

Flag to indicate whether the **item_#_taxAmount** should be interpreted as a positive or negative value.

Possible values:

- `negative`
- `positive`

Specifications

Visa Platform Connect

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- REST API Field: **N/A**
- SCMP API Field: **sign**
- Simple Order API Field: **item_#_sign**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Visa Platform Connect: sign

item_#_taxRate

Tax rate applied to the item.

American Express Direct

The valid range is between `0.00` (0%) to `99.99` (99.99%). Values with more than 2 digits beyond the decimal point will be truncated.

- 60%: `60.00`
- 25.5%: `25.50`
- 33.33%: `33.33`

For Visa: the valid range is `0.01` (1%) to `0.99` (99%). Only whole percentage values accepted; values with additional decimal places will be truncated.

Chase Paymentech Solutions

For Mastercard: the valid range is `0.00001` (0.001%) to `0.99999` (99.999%).

- 60%: `0.6000`
- 25.5%: `0.2550`
- 33.33%: `0.3333`

For Visa: the valid range is `0.01` (1%) to `0.99` (99%).

- 60%: `0.60`
- 25%: `0.25`
- 33%: `0.33`

Elavon Americas

For Mastercard: the valid range is `0.00001` (0.001%) to `0.99999` (99.999%).

- 60%: `0.6000`
- 25.5%: `0.2550`
- 33.33%: `0.3333`

For Visa: the valid range is `0.01` (1%) to `0.99` (99%).

- 60%: `0.60`
- 25%: `0.25`
- 33%: `0.33`

FDC Compass

For Mastercard: the valid range is `0.00001` (0.001%) to `0.99999` (99.999%).

- 60%: `0.6000`
- 25.5%: `0.2550`
- 33.33%: `0.3333`

For Visa: the valid range is `0.01` (1%) to `0.99` (99%).

- 60%: `0.60`
- 25%: `0.25`
- 33%: `0.33`

RBS WorldPay Atlanta

The valid range is between `0.00` (0%) to `99.99` (99.99%). Values with more than 2 digits beyond the decimal point will be truncated.

- 60%: `60.00`
- 25.5%: `25.50`
- 33.33%: `33.33`

TSYS Acquiring Solutions

The valid range is between `0.00` (0%) to `99.99` (99.99%). Values with more than 2 digits beyond the decimal point will be truncated.

- 60%: `60.00`
- 25.5%: `25.50`
- 33.33%: `33.33`

Visa Platform Connect

The valid range is between `0.00` (0%) to `99.99` (99.99%). Values with more than 2 digits beyond the decimal point will be truncated.

- 60%: `60.00`
- 25.5%: `25.50`
- 33.33%: `33.33`

Specifications

American Express Direct

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 4

Chase Paymentech Solutions

- **Field Type:** Item-level request
- **Data Type:** Decimal
- **Data Type:** String
- **Data Length for Mastercard:** 7
- **Data Length for Visa:** 4

Elavon Americas

- **Field Type:** Item-level request
- **Data Type:** Decimal
- **Data Type:** String
- **Data Length for Mastercard:** 5
- **Data Length for Visa:** 4

FDC Compass

- **Field Type:** Item-level request
- **Data Type:** Decimal
- **Data Type:** String
- **Data Length for Mastercard:** 7
- **Data Length for Visa:** 4

RBS WorldPay Atlanta

- **Field Type:** Item-level request
- **Data Type:** Decimal
- **Data Type:** String
- **Data Length:** 4

TSYS Acquiring Solutions

- **Field Type:** Item-level request
- **TData ype:** Decimal
- **Data Type:** String
- **Data Length:** 6

Visa Platform Connect

- **Field Type:** Item-level request
- **Data Type:** Decimal
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- REST API Field: **orderInformation.lineItems[].taxRate**
- SCMP API Field: **tax_rate**
- Simple Order API Field: **item_#_taxRate**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A
- Chase Paymentech Solutions: Tax Rate
- Elavon Americas:
  - Mastercard: Tax Rate Applied
  - Visa: VAT/Tax Rate
- FDC Compass: Tax Rate
- RBS WorldPay Atlanta: Tax Rate
- TSYS Acquiring Solutions:
  - Mastercard: Tax Rate Applied
  - Visa: VAT/Tax Rate
- Visa Platform Connect: taxRate

item_#_taxStatusIndicator

Status for exemption from sales and use tax.

This field is a pass-though field, which means Cybersource does not verify the value or modify it in any way before sending it to the processor.

Specifications

American Express Direct

- **Field Type:** Item-levelOffer-levelItem-level request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- REST API Field: **orderInformation.lineItems[].taxStatusIndicator**
- SCMP API Field: **tax_status_indicator**
- Simple Order API Field: **item_#_taxStatusIndicator**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

item_#_taxTypeApplied

Type of tax applied to the item.

The following codes can be used:

- 0000: unknown tax type
- 0001: federal/national sales tax
- 0002: state sales tax
- 0003: city sales tax
- 0004: local sales tax
- 0005: municipal sales tax
- 0006: other tax
- 0010: value-added tax (VAT)
- 0011: goods and services tax
- 0012: provincial sales tax
- 0013: harmonized sales tax
- 0014: Quebec sales tax (QST)
- 0020: room tax
- 0021: occupancy tax
- 0022: energy tax
- blank: tax not supported on line item

Specifications

Chase Paymentech Solutions

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 4

Elavon Americas

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 4

FDC Compass

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 4

RBS WorldPay Atlanta

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 4

TSYS Acquiring Solutions

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- REST API Field: **orderInformation.lineItems[].taxTypeCode**
- SCMP API Field: **tax_type_applied**
- Simple Order API Field: **item_#_taxTypeApplied**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Chase Paymentech Solutions: Tax Type Applied
- Elavon Americas: Tax Type Applied
- FDC Compass: Tax Type Applied
- RBS WorldPay Atlanta: Tax Type
- TSYS Acquiring Solutions: Tax Type Applied

item_#_taxAmount

Total tax to apply to the product.

When you include this field, the Tax Calculation service does not calculate tax for the offer. Instead, it returns the value of **item_#_taxAmount** in the reply field **taxReply_item_#_totalTaxAmount** .

This value cannot be negative. The tax amount and the unit price must be in the same currency.

The tax amount value is additive as shown in the following example.

Example: This example uses a two-exponent currency such as USD:

1. You include the following items in your request:

```
item_0_unitPrice=10.00
item_0_quantity=1
item_0_taxAmount=0.80
item_1_unitPrice=20.00
item_1_quantity=1
item_1_taxAmount=1.60
```

2. The total authorized amount is 32.40, not 30.00 with 2.40 of tax included.

Airline Processing

Tax portion of the order amount. This value cannot exceed 99999999999999 (fourteen 9s). Format: English characters only. Optional request field for a line item.

Tax Calculation

Optional field for U.S., Canadian, international tax, and value-added taxes.

When you want to include **item_#_taxAmount** and also request the tax service, see the tax calculation service guide.

Specifications

- **Field Type:** Item-level
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.lineItems.taxAmount**
- **SCMP API Field: tax_amount**
- **Simple Order API Field: item_#_taxAmount**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data.

- **American Express Direct:** N/A
- **Chase Paymentech Solutions:** Tax Amount
- **Elavon Americas:** VAT / Tax Amount
- **FDC Compass:** Tax Amount
- **FDC Nashville Global:** Local Tax Amount
- **FDMS Nashville:** N/A
- **FDMS South:** N/A
- **GPN:**
    - Level II: Amount 2
    - Level III: Tax Amount N
- **OmniPay Direct:** Tax Amount / Total Tax Amount
- **RBS WorldPay Atlanta:** Tax Amount
- **TSYS Acquiring Solutions:**
    - Mastercard: Tax Amount
    - Visa: VAT / Tax Amount
- **Visa Platform Connect:** localTax Amount
- **Worldpay VAP:** taxAmount

item_#_totalAmount

Total amount for the item.

Normally calculated as the unit price x quantity.

For Chase Paymentech Solutions, FDC Compass and RBS WorldPay Atlanta transactions, do not use all zeros or spaces in Mastercard transactions.

Specifications

Chase Paymentech Solutions

- **Field Type:** Item-level request
- **Data Type:** Decimal
- **Data Type:** String
- **Data Length for Matercard:** 10
- **Data Length for Visa:** 13

Elavon Americas

- **Field Type:** Item-level request
- **Data Type:** Decimal
- **Data Type:** String
- **Data Length for Matercard:** 9
- **Data Length for Visa:** 12

FDC Compass

- **Field Type:** Item-level request
- **Data Type:** Decimal
- **Data Type:** String
- **Data Length for Matercard:** 10
- **Data Length for Visa:** 13

OmniPay Direct

- **Field Type:** Item-level request
- **Data Type:** Decimal
- **Data Type:** String
- **Data Length:** 12

RBS WorldPay Atlanta

- **Field Type:** Item-level request
- **Data Type:** Numeric
- **Data Type:** String
- **Data Length:** 12

TSYS Acquiring Solutions

- **Field Type:** Item-level request
- **Data Type:** Decimal
- **Data Type:** String
- **Data Length for Matercard:** 10
- **Data Length for Visa:** 13

Visa Platform Connect

- **Field Type:** Item-level request
- **Data Type:** Decimal
- **Data Type:** String
- **Data Length:** 12

Worldpay VAP

- **Field Type:** Item-level request
- **Data Type:** Decimal
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- REST API Field: **orderInformation.lineItems[].totalAmount**
- SCMP API Field: **total_amount**
- Simple Order API Field: **item_#_totalAmount**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Chase Paymentech Solutions: Line Item Total
- Elavon Americas:
    - Mastercard: Extended Item Amount
    - Visa: Line Item Total
- FDC Compass: Line Item Total
- OmniPay Direct: Line Item total / Extended Item Amount
- RBS WorldPay Atlanta: Line Total
- TSYS Acquiring Solutions:
    - Mastercard: Extended Item Amount
    - Visa: Line Item Total
- Visa Platform Connect: totalAmount
- Worldpay VAP: lineItemTotal

item_no_typeOfSupply

Code indicating whether the purchase is categorized as goods or services.

Possible values:

- `00`: Goods
- `01`: Services

Specifications

Visa Platform Connect

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- REST API Field: **orderInformation.lineItems[].typeOfSupply**
- SCMP API Field: **type_of_supply**
- Simple Order API Field: **item_#_typeOfSupply**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Visa Platform Connect: typeOfSupply

item_#_unitOfMeasure

Code that specifies the unit of measure for the item.

For American Express Direct, see the EDI codes for units of measurement at: http://ecomgx17.ecomtoday.com/edi/EDI_4010/el737.htm

For all other processors, see a list of available unit of measure codes at: #unique_641 (on page)

Chase Paymentech Solutions

Do not use all zeros or spaces in this field.

FDC Compass

Do not use all zeros or spaces in this field.

RBS WorldPay Atlanta

Do not use all zeros or spaces in this field.

TSYS Acquiring Solutions

Do not use all zeros or spaces in this field.

Specifications

American Express Direct

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 2

Chase Paymentech Solutions

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length for Mastercard:** 3
- **Data Length for Visa:** 12

Elavon Americas

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length for Mastercard:** 3
- **Data Length for Visa:** 12

FDC Compass

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length for Mastercard:** 3
- **Data Length for Visa:** 12

FDC Nashville Global

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

GPN

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

OmniPay Direct

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

RBS WorldPay Atlanta

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

TSYS Acquiring Solutions

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

Visa Platform Connect

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

Worldpay VAP

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- REST API Field: **orderInformation.lineItems[].unitOfMeasure**
- SCMP API Field: **unit_of_measure**
- Simple Order API Field: **item_#_unitOfMeasure**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A
- Chase Paymentech Solutions: Unit of Measure
- Elavon Americas: Unit of Measure
- FDC Compass: Unit of Measure
- FDC Nashville Global: Item Bulk / Unit of Measure
- GPN: Unit of Measure

- OmniPay Direct: Unit of Measure Code / Item Unit of Measure
- RBS WorldPay Atlanta: Unit of Measure
- TSYS Acquiring Solutions:
    - Mastercard: Item Unit of Measure
    - Visa: Unit of Measure/Code
- Visa Platform Connect: unitOfMeasure
- Worldpay VAP: unitOfMeasure

item_#_unitPrice

Per-item price of the product.

This is an item-level field.

This value cannot be negative. You can include a decimal point (.), but you cannot include any other special characters. The amount is truncated to the correct number of decimal places.

> **Important:** Some processors have specific requirements and limitations, such as maximum amounts and maximum field lengths.

> **Important:** Visa Platform Connect limits authorization and capture amounts to 999999999999 (twelve 9s).

DCC with a Third-Party Provider

Set this field to the converted amount that was returned by the DCC provider. You must include either this field or **purchaseTotals_grandTotalAmount** in a request.

Zero Amount Authorizations

If your processor supports zero amount authorizations, you can set this field to `0` for an authorization to find out whether the card is lost or stolen.

Specifications

GPN

- **Field Type:** Item-level
- **Data Type:** String
- **Data Length:** 10

JCN Gateway

- **Field Type:** Item-level
- **Data Type:** String
- **Data Length:** 10

Other Processors

- **Field Type:** Item-level
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.lineItems.unitPrice**
- **SCMP API Field: amount**
- **Simple Order API Field: item_#_unitPrice**

item_#_vatRate

Rate used to calculate VAT.

If you do not provide this value, the rate is calculated as (**item_#_nationalTax** x 100 / **item_#_unitPrice**).

Specifications

FDMS South

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- REST API Field: **orderInformation.lineItems[].taxDetails[].rate**
- SCMP API Field: **vat_rate**
- Simple Order API Field: **item_#_vatRate**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- FDMS South: N/A

item_#_weightAmount

Weight of the item.

Specifications

American Express Direct

- **Field Type:** Item-level field
- **Data Type:** String
- **Data Length:** 9

Mapping Information

- REST API Field: **orderInformation.lineItems[].weight**
- SCMP API Field: **weight_amount**
- Simple Order API Field: **item_#_weightAmount**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

item_#_weightIdentifier

Type of weight

Possible values:

- `B`: Billed weight
- `N`: Actual net weight

Specifications

American Express Direct

- **Field Type:** Item-level
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- REST API Field: **orderInformation.lineItems[].weightIdentifier**
- SCMP API Field: **weight_identifier**
- Simple Order API Field: **item_#_weightIdentifier**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

item_#_weightUnitMeasurement

Code that specifies the unit of measurement for the weight amount.

For example, `OZ` specifies ounce and `LB` specifies pounds.

The values are defined by the ANSI Accredited Standards Committee (ASC).

Specifications

American Express Direct

- **Field Type:** Item-level
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- REST API Field: **orderInformation.lineItems[].weightUnit**
- SCMP API Field: **weight_unit_measurement**
- Simple Order API Field: **item_#_weightunitOfMeasure**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

item_#_passengerFirstName

Passenger's first name.

Specifications

- **Field Type:** Item Level: Item-levelRequest
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: orderInformation.lineItems[].passenger.firstName**
- **SCMP API Field: passenger_firstname**
- **Simple Order API Field: item_#_passengerFirstName**

item_#_passengerLastName

Passenger's last name.

Specifications

- **Field Type:** Item Level: Item-levelRequest
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: orderInformation.lineItems.passenger.lastName**
- **SCMP API Field: passenger_lastname**
- **Simple Order API Field: item_#_passengerLastName**

item_#_productDescription

Brief description of item.

Specifications

- **Field Type:** Item Level: Item-levelRequest
- **Data Type:** String
- **Data Length:** 256

Mapping Information

- **REST API Field: orderInformation.lineItems.productDescription**
- **SCMP API Field: product_description**
- **Simple Order API Field: item_#_productDescription**

item_#_shippingDestinationTypes

Destination to which the item is shipped.

Example Commercial, residential, store

Specifications

- **Field Type:** Item Level: Item-levelRequest
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: orderInformation.lineItems.shippingDestinationTypes**
- **SCMP API Field: shipping_destination_types**
- **Simple Order API Field: item_#_shippingDestinationTypes**

item_#_orderOriginCity

City where you receive the customer's order.

This item-level field overrides the corresponding request-level field.

This field is not used for tax calculation unless the **taxService_orderOriginState** and **taxService_orderOriginCountry** fields are present

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: orderInformation.lineItems[].orderOrigin.locality**
- **SCMP API Field: order_origin_city**
- **Simple Order API Field: item_#_orderOriginCity**

item_#_orderAcceptanceCity

City where you accept the customer's order.

This item-level field overrides the corresponding request-level field.

This field is not used for tax calculation unless the **taxService_orderAcceptanceState** and **taxService_orderAcceptanceCountry** fields are present.

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: orderInformation.lineItems[].orderAcceptance.locality**
- **SCMP API Field: order_acceptance_city**
- **Simple Order API Field: item_#_orderAcceptanceCity**

item_#_orderAcceptanceCountry

Country where you accept the customer's order.

Use two-character ISO Standard Country Codes.

This item-level field overrides the corresponding request-level field.

This field is not used for tax calculation unless the **taxService_orderAcceptanceState** and **taxService_orderAcceptanceCity** fields are present.

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.lineItems[].orderAcceptance.country**
- **SCMP API Field: order_acceptance_country**
- **Simple Order API Field: item_#_orderAcceptanceCountry**

item_#_orderAcceptancePostalCode

State where you accept the customer's order.

This item-level field overrides the corresponding request-level field.

This field is not used for Tax Calculation unless the **taxService_orderAcceptanceCity** and **taxService_orderAcceptanceCountry** fields are present.

Use the State, Province, and Territory Codes for the United States and Canada.

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.lineItems[].orderAcceptance.administrativeArea**
- **SCMP API Field: order_acceptance_state**
- **Simple Order API Field: item_#_orderAcceptanceState**

item_#_orderAcceptanceState

State where you accept the customer's order.

This item-level field overrides the corresponding request-level field.

This field is not used for Tax Calculation unless the **taxService_orderAcceptanceCity** and **taxService_orderAcceptanceCountry** fields are present.

Use the State, Province, and Territory Codes for the United States and Canada.

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.lineItems[].orderAcceptance.administrativeArea**
- **SCMP API Field: order_acceptance_state**
- **Simple Order API Field: item_#_orderAcceptanceState**

item_#_orderOriginCountry

Country where you receive the customer's order.

Use two-character ISO Standard Country Codes.

This item-level field overrides the corresponding request-level field.

This field is not used for tax calculation unless the **taxService_orderOriginState** and **taxService_orderOriginCity** fields are present.

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.lineItems[].orderOrigin.country**
- **SCMP API Field: order_origin_country**
- **Simple Order API Field: item_#_orderOriginCountry**

item_#_orderOriginPostalCode

Postal code where you receive the customer's order.

This item-level field overrides the corresponding request-level field.

This field is not used for Tax Calculation unless the **taxService_orderOriginCity** , **taxService_orderOriginState**, and **taxService_orderOriginCountry** fields are present.

Must be sent at the line or offer level to be surfaced in the Tax Detail Report.

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: orderInformation.lineItems[].orderOrigin.postalCode**
- **SCMP API Field: order_origin_zip**
- **Simple Order API Field: item_#_orderOriginPostalCode**

item_#_orderOriginState

State where you receive the customer's order.

This item-level field overrides the corresponding request-level field.

This field is not used for tax calculation unless the **taxService_orderOriginCity** and **taxService_orderOriginCountry** fields are present

Use the State, Province, and Territory Codes for the United States and Canada.

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.lineItems[].orderOrigin.administrativeArea**
- **SCMP API Field: order_origin_state**
- **Simple Order API Field: item_#_orderOriginState**

item_#_sellerRegistration

Your VAT seller registration number.

Only applicable if including one VAT seller registration numbers in the request. The VAT seller registration number may be required for some Canadian transactions.

There is also an item-level field named **item_#_sellerRegistration**.

Specifications

- **Field Type:** Item-level request
- **Data Type:** string
- **Data Length:** 25

Mapping Information

- **REST API Field: merchantInformation.vatRegistrationNumber**
- **SCMP API Field: seller_registration**
- **Simple Order API Field: item_#_sellerRegistration**

item_#_shipFromCity

City from where the product is shipped.

The city is used to determine tax rules and rates applied to the transaction based on sourcing.

This item-level field overrides the corresponding request-level field.

This field is used for Tax Calculation only when **shipFrom_state** and **shipFrom_country** are present.

This field is used for Tax Calculation only when and are present.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 30

Mapping Information

- **REST API Field: orderInformation.shippingDetails.shipFromLocality**
- **SCMP API Field: ship_from_city**
- **Simple Order API Field: shipFrom_city**

item_#_shipFromCountry

The country from where the product is shipped.

Use two-character ISO Standard Country Codes.

This item-level field overrides the corresponding request-level field.

This field is used for Tax Calculation only when **shipFrom_city** and **shipFrom_state** are present.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.shippingDetails.shipFromCountry**
- **SCMP API Field: ship_from_country**
- **Simple Order API Field: shipFrom_country**

item_#_ shipFromPostalCode

Postal code for the address from which the goods are shipped, which is used to establish nexus, and which is used to determine tax rules and rates applied to the transaction based on sourcing.

The default is the postal code associated with your account. The postal code must consist of 5 to 9 digits.

U.S.

Format for 9-digit postal code in the U.S.: [5 digits][dash][4 digits]

Example: 12345-6789

Canada

Format for 6-digit postal code in Canada: [alpha][numeric][alpha][space] [numeric][alpha][numeric]

Example: A1B 2C3

This item-level field overrides the corresponding request-level field.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: orderInformation.shippingDetails.shipFromPostalCode**
- **SCMP API Field: ship_from_zip**
- **Simple Order API Field: shipFrom_postalCode**

item_#_shipFromState

State from which the product is shipped.

This field is used to determine tax rules and rates applied to the transaction based on sourcing.

This field is used for Tax Calculation only when **shipFrom_city** and **shipFrom_country** are present.

Use the State, Province, and Territory Codes for the United States and Canada.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2, see description

Mapping Information

- **REST API Field: orderInformation.shippingDetails.shipFromAdministrativeArea**
- **SCMP API Field: ship_from_state**
- **Simple Order API Field: shipFrom_state**

item_#_shippingAddress1

Address to which the item will be shipped.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: orderInformation.lineItems[].shippingAddress1**
- **SCMP API Field: shipping_address1**
- **Simple Order API Field: item_#_shippingAddress1**

item_#_shippingAddress2

Address to which the item will be shipped.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 128

Mapping Information

- **REST API Field: orderInformation.lineItems[].shippingAddress2**
- **SCMP API Field: shipping_address2**
- **Simple Order API Field: item_#_shippingAddress2**

item_#_shippingCity

City to which the item will be shipped.

Specifications

- **Field Type:** Item-level
- **Data Type:** String
- **Data Length:** 128

Mapping Information

- **REST API Field: orderInformation.lineItems[].shippingCity**
- **SCMP API Field: shipping_city**
- **Simple Order API Field: item_#_shippingCity**

item_#_shippingCountryCode

Country to which the item will be shipped.

Specifications

- **Field Type:** Offer level
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.lineItems[].shippingCountryCode**
- **SCMP API Field: shipping_country_code**
- **Simple Order API Field: item_#_shippingCountryCode**

item_#_shippingFirstName

First name of the shipping recipient.

Specifications

- **Field Type:** Offer-level
- **Data Type:** String
- **Data Length:** 128

Mapping Information

- **REST API Field: orderInformation.lineItems[].shippingFirstName**
- **SCMP API Field: shipping_first_name**
- **Simple Order API Field: item_#_shippingFirstName**

item_#_shippingLastName

Last name of the shipping recipient.

Specifications

- **Field Type:** Offer-level
- **Data Type:** String
- **Data Length:** 128

Mapping Information

- **REST API Field: orderInformation.lineItems[].shippingLastName**
- **SCMP API Field: shipping_last_name**
- **Simple Order API Field: item_#_shippingLastName**

item_#_shippingMiddleName

Middle name of the shipping recipient.

Specifications

- **Field Type:** Offer-level
- **Data Type:** String
- **Data Length:** 128

Mapping Information

- **REST API Field: orderInformation.lineItems[].shippingMiddleName**
- **SCMP API Field: shipping_middle_name**
- **Simple Order API Field: item_#_shippingMiddleName**

item_#_shippingPhone

Recipient's phone number.

Specifications

- **Field Type:** Offer-level
- **Data Type:** Integer
- **Data Length:** 20

Mapping Information

- **REST API Field: orderInformation.lineItems[].shippingPhone**
- **SCMP API Field: shipping_phone**
- **Simple Order API Field: item_#_shippingPhone**

item_#_shippingPostalCode

Recipient's postal code.

Specifications

- **Field Type:** Offer-level
- **Data Type:** String
- **Data Length:** 16

Mapping Information

- **REST API Field: orderInformation.lineItems[].shippingPostalCode**
- **SCMP API Field: shipping_postal_code**
- **Simple Order API Field: item_#_shippingPostalCode**

item_#_shippingState

State to which the item will be shipped.

Specifications

- **Field Type:** Offer-level
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: orderInformation.lineItems[].shippingState**
- **SCMP API Field: shipping_state**
- **Simple Order API Field: item_#_shippingState**

jpo_businessNameAlphanumeric

Business name in alphanumeric characters.

This field is supported only on JCN Gateway and for the Sumitomo Mitsui Card Co. acquirer on Visa Platform Connect.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: processingInformation.japanPaymentOptions.businessNameAlphaNumeric**
- **SCMP API Field: jpo_business_name_alphanumeric**
- **Simple Order API Field: jpo_businessNameAlphanumeric**

jpo_businessNameJapanese

Business name in Japanese characters.

This field is supported only on JCN Gateway and for the Sumitomo Mitsui Card Co. acquirer on Visa Platform Connect.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: processingInformation.japanPaymentOptions.businessName**
- **SCMP API Field: jpo_business_name_japanese**
- **Simple Order API Field: jpo_businessNameJapanese**

jpo_businessNameKatakana

Business name in Katakana characters.

This field is supported only on JCN Gateway and for the Sumitomo Mitsui Card Co. acquirer on Visa Platform Connect.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: processingInformation.japanPaymentOptions.businessNameKatakana**
- **SCMP API Field: jpo_business_name_katakana**
- **Simple Order API Field: jpo_businessNameKatakana**

jpo_firstBillingMonth

First billing month for a transaction that uses installment payments.

This field is supported only on JCN Gateway and for the Sumitomo Mitsui Card Co. acquirer on Visa Platform Connect.

Possible values: 01 through 12.

When you do not include this field in a request that uses installment payments for one of the Japanese payment options, the first billing month is set to the calendar month that follows the transaction date.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: processingInformation.japanPaymentOptions.firstBillingMonth**
- **SCMP API Field: jpo_first_billing_month**
- **Simple Order API Field: jpo_firstBillingMonth**

jpo_installments

Number of installment payments.

This field is supported only on JCN Gateway and for the Sumitomo Mitsui Card Co. acquirer on Visa Platform Connect.

This field is required for authorization and capture requests if the value of the **jpo_paymentMethod** field is set to `2`, `4`, `5`, or `6`.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: processingInformation.japanPaymentOptions.installments**
- **SCMP API Field: jpo_installments**
- **Simple Order API Field: jpo_installments**

jpo_jccaTerminalID

Unique Japan Credit Card Association (JCCA) terminal identifier that is provided by Cybersource.

The difference between this field and the **pos_ terminalID** field is that you can define the **pos_ terminalID** field, but the **jpo_jccaTerminalID** field is defined by the JCCA and is used only in Japan.

This field is supported on JCN Gateway and Visa Platform Connect.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 130-142
- Field: Terminal Identification Number

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 13

Mapping Information

- **REST API Field: processingInformation.japanPaymentOptions.terminalId**
- **SCMP API Field: jpo_jcca_terminal_id**
- **Simple Order API Field: jpo_jccaTerminalID**

jpo_jis2TrackData

Japanese Industrial Standard Type 2 (JIS2) track data from the front of the card.

This field is supported only on JCN Gateway and Visa Platform Connect.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 69

Mapping Information

- **REST API Field: processingInformation.japanPaymentOptions.jis2TrackData**
- **SCMP API Field: jpo_jis2_track_data**
- **Simple Order API Field: jpo_jis2TrackData**

jpo_paymentMethod

Type of Japanese payment option.

This field is supported only on JCN Gateway and for the Sumitomo Mitsui Card Co. acquirer on Visa Platform Connect.

This field is required for authorization and capture requests if set to these values: `2`, `4`, `5`, or `6`.

Possible values:

- 1 (default): Single payment.
- 2: Bonus payment.
- 4: Installment payment.
- 5: Revolving payment.
- 6: Combination of bonus payment and installment payment.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.japanPaymentOptions.paymentMethod**
- **SCMP API Field: jpo_payment_method**
- **Simple Order API Field: jpo_paymentMethod**

linkToRequest

Value that links the current authorization request to the original authorization request.

This value is used for partial authorizations and split shipments. Set this value to the request ID that was returned in the response message from the original authorization request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field: processingInformation.linkId**
- **SCMP API Field: link_to_request**
- **Simple Order API Field: linkToRequest**

loan_assetType

Flag that specifies whether a loan is for a recoverable item or a non-recoverable item.

This field is supported only for BNDES transactions on Visa Platform Connect.

Possible values:

- `N`: Non-recoverable item.
- `R`: Recoverable item.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR2
- Position: 26
- Field: Asset Indicator

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.loanOptions.assetType**
- **SCMP API Field: loan_asset_type**
- **Simple Order API Field: loan_assetType**

loan_type

Type of loan or installment payment plan based on an agreement between you and the issuer.

This field is supported only for these kinds of payments on Visa Platform Connect:

- BINDES transactions
- Installment payments with Mastercard in Brazil

Example: AGRO-CUSTEIO

Example: AGRO-INVEST

Example: BNDES-Type1

Example: CBN

Example: FINAME

For BNDES transactions, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR2
- Position: 27-46
- Field: Loan Type

For installment payments with Mastercard in Brazil, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR4
- Position: 5-24
- Field: Financing Type

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field: processingInformation.loanOptions.type**
- **SCMP API Field: loan_type**
- **Simple Order API Field: loan_type**

merchandiseCode

Identifier for the merchandise.

This field is supported for American Express Direct, JCN Gateway, and Visa Platform Connect.

American Express Direct

The value is `1000`: gift card.

JCN Gateway

This value must be right justified. In Japan, this value is called a *goods code*.

Visa Platform Connect

This value must be right justified. In Japan, this value is called a *goods code*.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 7

Mapping Information

- **REST API Field: orderInformation.invoiceDetails.merchandiseCode**
- **SCMP API Field: merchandise_code**
- **Simple Order API Field: merchandiseCode**

merchantCategoryCodeDomestic

Merchant category code for domestic transactions.

This field is supported only on Visa Platform Connect and OmniPay Direct.

The value for this field is a four-digit number that the payment card industry uses to classify merchants into market segments. A payment card company assigned one or more of these values to your business when you started accepting the payment card company's cards. Including this field in a request for a domestic transaction might reduce interchange fees.

Visa Platform Connect

This field is supported only for domestic transactions with Visa or Mastercard in Spain. Domestic means that you and the customer are in the same country.

When you include this field in a Visa request, you must also include the **merchantCategoryCode** field.

When you include this field in a Mastercard request, including the **merchantCategoryCode** field is optional.

Chase Paymentech Solutions

This field is supported for Payouts transactions only. It is not supported for standard credit card transactions. It is optional for Mastercard and Visa transactions.

OmniPay Direct

When you include this field in a request:

- Do not include the **merchantCategoryCode** field.
- The value for this field overrides the value in your account.

This field is supported only for:

- Domestic transactions with Mastercard in Spain. Domestic means that you and the customer are in the same country.
- Merchants enrolled in the OmniPay Direct interchange program.
- First Data Merchant Solutions (Europe) on OmniPay Direct.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Length:** 4

Mapping Information

- **REST API Field: merchantInformation.categoryCodeDomestic**
- **SCMP API Field: merchant_category_code_domestic**
- **Simple Order API Field: merchantCategoryCodeDomestic**

merchantDefinedData_field1 through merchantDefinedData_field20

Fields that you can use to store information.

Important: These fields have been replaced by **merchantDefinedData_mddField_1** through **merchantDefinedData_mddField_100**. It is recommended that you update your order management system to use the new fields.

Warning: Merchant-defined fields must not be used to capture personally identifying information as stated in the warning in the field description for **merchantDefinedData_mddField_1** through **merchantDefinedData_mddField_100**.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: merchantDefinedData_field1** through **merchantDefinedData_field20**

merchantDefinedData_mddField_1 through merchantDefinedData_mddField_100

Fields that you can use to store information.

This topic describes the sequence of fields from **merchantDefinedData_mddField_1** through **merchantDefinedData_mddField_100**.

Important: These fields override the old merchant-defined data fields. For example, if you use the obsolete field **merchantDefinedData_field15** and the new field **merchantDefinedData_mddField_15** in the same request, the value for the new field overwrites the value for the obsolete field.

Warning: Merchant-defined data fields are not intended to and must not be used to capture personally identifying information. Accordingly, merchants are prohibited from capturing, obtaining, and/or transmitting any personally identifying information in or via the merchant-defined data fields. Personally identifying information includes, but is not limited to, address, payment card number, social security number, driver's license number, state-issued identification number, passport number, and card verification numbers (CVV, CVC2, CVV2, CID, CVN). In the event Cybersource discovers that a merchant is capturing and/or transmitting personally identifying information via the merchant-defined data fields, whether or not intentionally, Cybersource will immediately suspend the merchant's account, which will result in a rejection of any and all transaction requests submitted by the merchant after the point of suspension.

Payer Authentication

Only fields 1 through 5 are supported in Payer Authentication. The value appears in the Case Management Details window in the Business Center. The first four fields are the same fields that are used by the Secure Data services.

Visa Platform Connect

For installment payments with Mastercard in Brazil, use **merchantDefinedData_mddField_1** and **merchantDefinedData_mddField_2** for data that you want to provide to the issuer to identify the transaction.

For installment payments with Mastercard in Brazil:

- The value for **merchantDefinedData_mddField_1** corresponds to the following data in the TC 33 capture file:
    - Record: CP07 TCR5
    - Position: 25-44
    - Field: Reference Field 2
- The value for **merchantDefinedData_mddField_2** corresponds to the following data in the TC 33 capture file:
    - Record: CP07 TCR5
    - Position: 45-64
    - Field: Reference Field 3

Specifications

- **Installment payments with Mastercard on Visa Platform Connect in Brazil:**
    - **Field Type:** Request
    - **Data Type:** String
    - **Data Length:** 20
- **All other transactions:**
    - **Field Type:** Request
    - **Data Type:** String
    - **Data Length:** 255
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: merchantDefinedInformation[].key**
- **SCMP API Field: merchant_defined_data1** through **merchant_defined_data100**
- **Simple Order API Field: merchantDefinedData_mddField_1** through **merchantDefinedData_mddField_100**

merchantID

Your merchant ID.

Use the same merchant ID for evaluation, testing, and production.

Chase Paymentech Solutions

This field is supported for Payouts transactions only. It is not supported for standard credit card transactions. It is optional for Mastercard and Visa transactions.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 30

Mapping Information

- **REST API Field:** No corresponding field.
- **SCMP API Field: merchant_id**
- **Simple Order API Field: merchantID**

merchantTransactionIdentifier

Identifier that you assign to the transaction.

Optional field for PIN debit purchase or credit requests.

PIN Debit Reversal Transactions

For a PIN debit reversal, your request must include a request ID or a merchant transaction identifier. The suggested format for this value is:

- **Positions 1-4:** Last four characters or your merchant ID.
- **Postions 5-7:** Julian date. Format: ddd
- **Positions 8-13:** Time stamp. Format: hhmmss
- **Positions 14-15:** Two random characters. One way to generate two random characters is to use a counter from 01-99.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
    - Credit Card Transactions: 30
    - PIN Debit Transactions: 15

Mapping Information

- **REST API Field: clientReferenceInformation.transactionId**
- **SCMP API Field: merchant_transaction_identifier**
- **Simple Order API Field: merchantTransactionIdentifier**

merchantCategoryCode

Four-digit number that the payment card industry uses to classify merchants into market segments.

A payment card company assigned one or more of these values to your business when you started accepting the payment card company's cards.

When you do not include this field in a request, the value in your account is used.

Chase Paymentech Solutions

This field is optional for Mastercard or Visa card transactions that use the Payouts services. **Note:** For a different combination of services, processors, or conditions, this field might be a required field.

Visa Platform Connect

This field is optional for aggregator transactions using Mastercard or Visa cards with the Payouts services.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR4
- Position: 150-153
- Field: Merchant Category Code

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 4

Mapping Information

- **REST API Field: merchantInformation.categoryCode**
- **SCMP API Field: merchant_category_code**
- **Simple Order API Field: merchantCategoryCode**

merchantDomainName

URL or reverse domain name for your business.

This field is supported only for Mastercard digital secure remote payment (DSRP) transactions on FDC Compass and Visa Platform Connect.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 127
- **Special Symbols Allowed:**
  - Forward slash (/)
  - Colon(:)
  - Period (.)

Mapping Information

- **REST API Field: merchantInformation.merchantDomainName**
- **SCMP API Field: merchant_domain_name**
- **Simple Order API Field: merchantDomainName**

merchantReferenceCode (Request)

Order reference or tracking number that you generate.

Provide a unique value for each transaction so that you can perform meaningful searches for the transaction. Refer to the *Getting Started with Cybersource Advanced* guide.

Card-Not-Present Transactions on FDC Nashville Global

Certain circumstances can cause the processor to truncate this value to 15 or 17 characters for Level II and Level III processing, which can cause a discrepancy between the value you submit and the value included in some processor reports.

Card-Present Transactions on FDC Nashville Global

When you do not send a valid value, Cybersource creates one for you. However, the value is not returned to you, so you cannot use the merchant reference number to track the order.

Card-Present Transactions on SIX

When a card-present request does not include a merchant reference number, this value is provided by the client software that is installed on the POS terminal.

PIN Debit Transactions

Requests for PIN debit reversals must include the same merchant reference number that was used in the transaction that is being reversed.

Specifications

- **Asia, Middle East, and Africa Gateway**:
  - **Field Type:** Request
  - **Data Type:** String
  - **Data Length:** 40
- **China UnionPay**:
  - **Field Type:** Request
  - **Data Type:** String
  - **Data Length:** 12
- **Elavon Americas**:

    - **Field Type:** Request
    - **Data Type:** String
    - **Data Length:** 39
- **FDC Nashville Global Card-Present Transactions:**
    - **Field Type:** Request
    - **Data Type:** Numeric
    - **Data Length:** 8
- **RuPay Credit Services:**
    - **Field Type:** Request
    - **Data Type:** String
    - **Data Length:** 24
- **RuPay Other Services:**
    - **Field Type:** Request
    - **Data Type:** String
    - **Data Length:** 50

Mapping Information

- **REST API Field: clientReferenceInformation.code**
- **SCMP API Field: merchant_ref_number**
- **Simple Order API Field: merchantReferenceCode**

merchantReferenceCode (Response)

Order reference or tracking number that you provided in the request.

If you included multi-byte characters in this field in the request, the returned value might include corrupted characters.

FDC Nashville Global

When a card-present request does not include a merchant reference number, this value is provided by the client software that is installed on the POS terminal.

Sometimes the processor truncates this value to 15 or 17 characters for Level II and Level III processing. This can cause a discrepancy between the value you submit and the value included in some processor reports.

SIX

When a card-present request does not include a merchant reference number, this value is provided by the client software that is installed on the POS terminal.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: clientReferenceInformation.code**
- **SCMP API Field: merchant_ref_number**
- **Simple Order API Field: merchantReferenceCode**

missingField_0 through missingField_N

Required fields that were missing from the request.

These fields are included as an aid to software developers. Do not use these fields to interact with customers.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 100

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: missingField_0** through **missingField_N**

mPOS_deviceType

Type of mPOS device.

Possible values:

- `0`: Dongle
- `1`: Phone or tablet

This field is supported for Mastercard transactions on Visa Platform Connect.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 141
- Field: Mastercard mPOS Transaction

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: mpos_device_type**
- **Simple Order API Field: mPOS_deviceType**

nationalNetDomesticData

Supplementary domestic transaction information provided by the acquirer.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 123

Important: For an authorization, the maximum length for this value is 255 characters. In the capture file, the value is truncated at 161 characters.

Mapping Information

- **REST API Field: processingInformation.nationalNetDomesticData**
- **SCMP API Field: national_net_domestic_data**
- **Simple Order API Field: nationalNetDomesticData**

octReply_amount

Transaction amount.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.amountDetails.totalAmount**
- **SCMP API Field: oct_amount**
- **Simple Order API Field: octReply_amount**

octReply_approvalCode

Issuer-generated approval code for the transaction.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: processorInformation.approvalCode**
- **SCMP API Field: oct_approval_code**
- **Simple Order API Field: octReply_approvalCode**

octReply_paymentNetworkTransactionID

Network transaction identifier (TID). This value can be used to identify a specific transaction when you are discussing the transaction with your processor.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: processorInformation.transactionId**
- **SCMP API Field: oct_payment_network_transaction_id**
- **Simple Order API Field: octReply_paymentNetworkTransactionID**

octReply_processorResponse

Transaction status from the processor.

Possible values:

- `00`: Successful transaction.
- `12`: Issuer declined the transaction.
- `13`: Amount exceeded the maximum limit allowed for this type of OCT.
- `57`: The cardholder is not set up to receive this type of OCT.
- `61`: Issuer declined the transaction because exceeds the cumulative total amount limit.
- `62`: Restricted card. OCT cannot be sent to an embargoed country (Cuba, Iran, North Korea, Syria, or Sudan).
- `64`: Transaction does not fulfill anti-money laundering requirements because the required sender and recipient information was not sent.
- `65`: Issuer declined the transaction because it exceeds the cumulative total count limit.
- `91`: Issuer is unavailable.
- `93`: Transaction cannot be completed because it violates the law.
- `94`: Duplicate transaction.
- `96`: Error while performing the transaction.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: processorInformation.responseCode**
- **SCMP API Field: oct_response_code**
- **Simple Order API Field: octReply_processorResponse**

octReply_reasonCode

Numeric value corresponding to the result of the Original Credit Transaction (OCT) service request.

See Reason Codes for the Simple Order API.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field.
- **SCMP API Field:** No corresponding field.
- **Simple Order API Field: octReply_reasonCode**

octReply_reconciliationID

Reference number that you use to reconcile your Cybersource reports with your processor reports. See Getting Started with Cybersource Advanced for the Simple Order API for information about transaction tracking and reconciliation.

Belarus, Egypt, Kazakhstan, South Africa, Ukraine, and United Arab Emirates

This field is required for domestic original credit transactions (OCTs). Acquirers can send additional information about an OCT to the recipient's issuer.

Merchants that support OCTs in these countries must include the valid value from this field for the request.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: processingInformation.reconciliationId**
- **SCMP API Field: oct_trans_ref_no**
- **Simple Order API Field: octReply_reconciliationID**

octReply_reconciliationID

Reference number that you use to reconcile your Cybersource reports with your processor reports.

See Getting Started with Cybersource Advanced for the Simple Order API for information about transaction tracking and reconciliation.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field:** No corresponding field.
- **SCMP API Field:** No corresponding field.
- **Simple Order API Field: octReply_reconciliationID**

octReply_reconciliationID

Reference number that you use to reconcile your Cybersource reports with your processor reports. See Getting Started with Cybersource Advanced for the Simple Order API for information about transaction tracking and reconciliation.

Belarus, Egypt, Kazakhstan, South Africa, Ukraine, and United Arab Emirates

This field is required for domestic original credit transactions (OCTs). Acquirers can send additional information about an OCT to the recipient's issuer.

Merchants that support OCTs in these countries must include the valid value from this field for the request.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: processingInformation.reconciliationId**
- **SCMP API Field: oct_trans_ref_no**
- **Simple Order API Field: octReply_reconciliationID**

octReply_reconciliationID

Reference number that you use to reconcile your Cybersource reports with your processor reports. See Getting Started with Cybersource Advanced for the Simple Order API for information about transaction tracking and reconciliation.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: processingInformation.reconciliationId**
- **SCMP API Field: oct_trans_ref_no**
- **Simple Order API Field: octReply_reconciliationID**

octReply_requestDateTime

Date and time when the service was requested.

Specifications

- **Field Type:** Response
- **Data Type:** Date and time
- **Data Length:** 20

Mapping Information

- **REST API Field: submitTimeUtc**
- **SCMP API Field: oct_request_time**
- **Simple Order API Field: octReply_requestDateTime**

OCTReply_serviceProcessingType

Type of service under which the transaction was processed.

Possible values:

- `00`: Normal transaction
- `A0`: Visa Alias Directory Service

This field is returned on Visa Platform Connect for domestic original credit transactions (OCTs) in Moldova and Uzbekistan.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: issuerInformation.serviceProcessingType**
- **SCMP API Field: service_processing_type**
- **Simple Order API Field: OCTReply_serviceProcessingType**

octService_aggregatorID

Value that identifies you as a payment aggregator.

Get this value from the processor.

Visa Platform Connect

This field is required for the following service:

- **Payouts OCT**: Required in OCT requests from merchants that are payment facilitators using Visa Platform Connect.

FDC Compass

This value must consist of uppercase letters.

Chase Paymentech Solutions

This field is supported only for Payouts transactions. It is not supported for standard credit card transactions.

> **Important:** The **ccCreditService_aggregatorID** field is optional in a request for an AFT with aggregator support. The **octService_aggregatorID** field is optional in a request for an OCT with aggregator support.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 95-105
- Field: Market Identifier / Payment Facilitator ID

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**

- **American Express Direct:** 20
- **Chase Paymentech Solutions:** 204
- **Cielo:** 11
- **FDC Compass:** 20
- **FDC Nashville Global:** 15
- **Getnet:** 11
- **Rede:** 11
- **Software Express:** 20
- **Visa Platform Connect:** American Express: 20, Mastercard: 11, Visa: 11
- **GPX:** American Express: 20, Mastercard: 11, Visa: 11

Mapping Information

- **REST API Field: aggregatorInformation.aggregatorId**
- **SCMP API Field: aggregator_id**
- **Simple Order API Fields:**
  - **ccAuthService_aggregatorID**
  - **ccCaptureService_aggregatorID**
  - **ccCreditService_aggregatorID**
  - **octService_aggregatorID**

octService_aggregatorName

Payment aggregator business name.

Chase Paymentech Solutions

This field is supported for Payouts transactions only. It is not supported for standard credit card transactions. It is optional for Mastercard and Visa transactions.

FDC Compass

This value must consist of uppercase letters.

Getnet

This value must consist of uppercase letters. Special characters are not allowed.

Visa Platform Connect

This field is required for the following service:

- **Payouts OCT**: Required in OCT requests from merchants that are payment facilitators using Visa Platform Connect.

GPX

The value for this field does not map to the TC 33 capture file.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length**
  - American Express Direct: Maximum length of the aggregator name depends on the length of the sub-merchant name. The combined length for both values must not exceed 37 characters.
  - **Chase Paymentech Solutions:** 22 for Mastercard, 25 for Visa
  - FDC Compass: Maximum length of the aggregator name depends on the length of the sub-merchant name. The combined length for both values must not exceed 37 characters.
  - FDC Nashville Global: 12

- Getnet: 7
- : With American Express, the maximum length of the aggregator name depends on the length of the sub-merchant name. The combined length for both values must not exceed 36 characters. Not used with other card types.
- Software Express: 37
- Visa Platform Connect: 25

Mapping Information

- **REST API Field: aggregatorInformation.name**
- **SCMP API Field: aggregator_name**
- **Simple Order API Fields:**
  - **ccAuthService_aggregatorName**
  - **ccCaptureService_aggregatorName**
  - **ccCreditService_aggregatorName**

octService_commerceIndicator

Type of transaction.

The value for an original credit transaction (OCT) is `internet`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

Mapping Information

- **REST API Field:** No corresponding field.
- **SCMP API Field:** No corresponding field.
- **Simple Order API Field:** octService_commerceIndicator

octService_commerceIndicator

Type of transaction.

Some payment card companies use this information when determining discount rates.

Possible Values for the Authorization Service:

E-Commerce Indicator Values

Value	Description
`5`	Secure e-commerce transaction with a credential-on-file (COF) token. Include **ccAuthService_networkTokenCryptogram** in the authorization request.
`aesk`	American Express SafeKey authentication was successful.
`aesk attempted`	American Express SafeKey authentication was attempted but did not succeed.
`dipb`	Discover card type.
`install`	Installment payment. For merchant-initiated transactions on Visa Platform Connect with Mastercard in India or with an India-issued card, the `install` value is used for the installment payment scenario and for unscheduled credentials-on-file transactions.
`install_internet`	Non-U.S. e-commerce (Internet) installment payment. This value is not supported on all processors.
`internet`	Default value for authorizations. E-commerce order placed from a website. On Ingenico ePayments, this value is supported only for Cartes Bancaires.
`js`	JCB J/Secure authentication was successful.
`js_attempted`	JCB J/Secure authentication was attempted but did not succeed.
`moto`	Mail order or telephone order. On Ingenico ePayments, this value is supported only for Cartes Bancaires.
`moto_cc`	Mail order or telephone order from a call center. This value is available only on gateways in Asia, the Middle East, and Africa. Contact your Customer Support representative for details.
`pb`	ProtectBuy authentication was successful.
`pb_attempted`	ProtectBuy authentication was attempted but did not succeed.
`recurring`	Recurring payment that is a U.S. transaction or non-U.S. mail order/telephone order (MOTO) transaction. For merchant-initiated transactions on Visa Platform Connect with Mastercard in India or with an India-issued card, the `recurring` value is used for the recurring payment scenario.

E-Commerce Indicator Values (continued)

Value	Description
`recurring_internet`	Recurring payment that is a non-U.S. e-commerce (Internet) transaction.
`retail`	Card-present transaction.
`rpy`	RuPay PaySecure authentication was successful.
`spa`	• For Mastercard Identity Check: Authentication was successful or was attempted but did not succeed. The e-commerce indicator for all Mastercard Identity Check transactions, including authentication attempts, must be set to `spa`. Otherwise, the transactions are processed as non-identity check transactions. • For secure transactions in France: Successful authentication for a Mastercard card or a Cartes Bancaires card that is co-badged with Mastercard.
`spa_failure`	• For Mastercard Identity Check: Authentication failed. • For secure transactions in France: Authentication failure for a Mastercard card or a Cartes Bancaires card that is co-badged with Mastercard.
`up3ds`	For secure transactions for China UnionPay: Authentication was successful for a China UnionPay domestic debit card.
`up3ds_attempted`	For secure transactions for China UnionPay: Authentication was attempted but did not succeed for a China UnionPay domestic debit card.
`up3ds_failure`	For secure transactions for China UnionPay domestic debit cards: Authentication failed for a China UnionPay domestic debit card.
`vbv`	• For Visa Secure: Authentication was successful. • For secure transactions in France: Successful authentication for a Visa card or a Cartes Bancaires card that is co-badged with Visa.
`vbv_attempted`	• For Visa Secure: Authentication was attempted but did not succeed. • For secure transactions in France: Authentication was attempted for a Visa card or a Cartes Bancaires card that is co-badged with Visa.
`vbv_failure`	• For Visa Secure: Authentication failed. • For secure transactions in France: Authentication failure for a Visa card or a Cartes Bancaires card that is co-badged with Visa.

Possible Values for the Credit Service:

- `internet`: E-commerce order placed through a website. On Ingenico ePayments, this value is supported only for Cartes Bancaires.
- `moto`: Mail order or telephone order. Not supported on Cielo or UATP. On Ingenico ePayments, this value is supported only for Cartes Bancaires. On Barclays, this value is not permitted for Mestro International cards.
- `recurring`: Recurring payment that is a U.S. transaction or non-U.S. MOTO transaction. On Barclays, this value is not permitted for Mestro International cards.
- `recurring_internet`: Recurring payment that is a non-U.S. e-commerce (Internet) transaction.

Apple Pay

For the merchant decryption method, one of these values is required: `aesk`, `dipb`, `internet`, `spa`, `vbv`.

Ingenico ePayments

When you omit this field on Ingenico ePayments, the processor uses the default transaction type that they have on file for you.

Card-Present Transactions

For a card-present transaction, you must set this field to `retail`.

Payer Authentication

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthValidateReply_commerceIndicator** response field.

Payouts

For Barclays, the value for an account funding transaction (AFT) can be one of these indicators:

- `internet`—For a transaction that does not use 3-D Secure.
- `vbv` or `vbv_attempted`—For a transaction that uses 3-D Secure.

For Chase Paymentech Solutions, the value for an account funding transaction (AFT) and original credit transaction (OCT) is `internet`.

For FDC Compass and Visa Platform Connect, the value for an original credit transaction (OCT) is `internet`.

PIN Debit Transactions

For a PIN debit transaction, you must set this field to `retail`.

Samsung Pay

For the merchant decryption method, one of these values is required: `aesk`, `internet`, `spa`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - Account funding transaction (AFT): 20
  - Card-not-present transaction: 20
  - Card-present transaction: 20
  - Original credit transaction (OCT): 13
  - PIN debit transaction: 13

Mapping Information

- **REST API Field: processingInformation.commerceIndicator**
- **SCMP API Field: e_commerce_indicator**
- **Simple Order API Fields:**
  - **ccAuthService_commerceIndicator**
  - **ccCreditService_commerceIndicator**
  - **octService_commerceIndicator**
  - **pinDebitCreditService_commerceIndicator**
  - **pinDebitPurchaseService_commerceIndicator**

octService_purposeOfPayment

Purpose of the payment.

Get the value for this field from the acquirer.

This field is supported only on Visa Platform Connect.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Field: Purpose of Payment Code
- Record: CP01 TCR0
- Position: 53-54

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Length:** 12

Mapping Information

- **REST API Field: processingInformation.purposeOfPayment**
- **SCMP API Field: oct_purpose_of_payment**
- **Simple Order API Field: octService_purposeOfPayment**

octService_run

Whether to include **octService** in your request.

Possible values:

- `true`: Include the service in your request.
- `false` (default): Do not include the service in your request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field:** octService_run

octService_serviceProviderName

Name of the transfer service provider.

Visa Platform Connect

This field is required for the following service:

- **Payouts OCT**: Required in OCT requests from merchants that are payment facilitators using Visa Platform Connect.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: aggregatorInformation.serviceProvidername**
- **Simple Order API Field: octService_serviceProviderName**

orderRequestToken

Request token value returned from a previous request.

This value links the previous request to the current follow-on request.

This value is an encoded string that contains no confidential information, such as an account number or card verification number.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 256

Mapping Information

- **REST API Field: No corresponding REST API field.**
- **SCMP API Field: order_request_token**
- **Simple Order API Field: orderRequestToken**

originalTransaction_amount

Amount of the original transaction.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: reversalAmountDetails.originalTransactionAmount** and **voidAmountDetails.originalTransactionAmount**
- **SCMP API Field: original_transaction_amount**
- **Simple Order API Field: originalTransaction_amount**

originalTransaction_reasonCode

Reason code for the original transaction.

Specifications

- **Type:** Integer
- **Length:** 5

Mapping Information

- **SCMP API Field:** No corresponding field
- **Simple Order API Field:originalTransaction_reasonCode**

otherTax_alternateTaxAmount

Total amount of alternate tax for the order.

> **Important:**
>
> Do not confuse this order-level field with the **item_#_taxAmount** line item field.

FDC Nashville Global

The total should not include the local tax amount (**item_#_taxAmount** field) and national tax (**national_taxitem_#_nationalAmount** field) incluced in the total tax (**tax_amount** field).

GPN

The maximum amount is 99,999.99.

RBS WorldPay Atlanta

The maximum amount is 99,999.99.

Specifications

Chase Paymentech Solutions

- **Field Type:** Request
- **Data Type:** Sting
- **Data Length:** 10

Elavon Americas

- **Field Type:** Request
- **Data Type:** Sting
- **Data Length:** 12

FDC Compass

- **Field Type:** Request
- **Data Type:** Sting
- **Data Length:** 10

FDC Nashville Global

- **Field Type:** Request
- **Data Type:** Sting
- **Data Length:** 11

GPN

- **Field Type:** Request
- **Data Type:** Sting
- **Data Length:** 12

RBS WorldPay Atlanta

- **Field Type:** Request
- **Data Type:** Sting
- **Data Length:** 8

TSYS Acquiring Solutions

- **Field Type:** Request
- **Data Type:** Sting
- **Data Length:** 10

Mapping Information

- **REST API Fields**: **orderInformation.amountDetails.taxDetails[].amount**
- **SCMP API Field: alternate_tax_amount**
- **Simple Order API Field: otherTax_alternateTaxAmount**

Processor Field Names

The following list the processors using this field and the corresponding processor field name:

- **Chase Paymentech Solutions:** Alternate Tax Amount
- **Elavon Americas:** National / Alternate Tax and Other Tax
- **FDC Compass:** Alternate Tax Amount
- **FDC Nashville Global:** Other Tax Amount
- **GPN:** Other Tax
- **RBS WorldPay Atlanta:** VAT Tax Amount
- **TSYS Acquiring Solutions:** Alternate Tax Amount

otherTax_localTaxIndicator

Flag that indicates whether local sales tax is included in the order total.

Possible values:

- `0`: local sales tax not included
- `1`: local sales tax included
- `2`: tax exempt order

Specifications

Elavon Americas

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

OmniPay Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

TSYS Acquiring Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- REST API Field: **orderInformation.lineItems[].taxDetails[].code**
- SCMP API Field: **local_tax_indicator**
- Simple Order API Field: **otherTax_localTaxIndicator**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Elavon Americas: Sales Tax Included
- OmniPay Direct: Local Tax Included
- TSYS Acquiring Solutions: Local Tax Included Flag

otherTax_nationalTaxIndicator

Flag that indicates whether a national tax is included in the order total.

Possible values:

- `0`: national tax not included
- `1`: national tax included

This value must be 1 if the sum of all **item_#_nationalTax** values > 0.

If you do not include any **item_#_nationalTax** values in your request, Cybersource does not include **otherTax_ nationalTaxIndicator** in the data it sends to the processor.

Specifications

Elavon Americas

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

OmniPay Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

TSYS Acquiring Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- REST API Field: **orderInformation.amountDetails.nationalTaxIncluded**
- SCMP API Field: **national_tax_indicator**
- Simple Order API Field: **otherTax_nationalTaxIndicator**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Elavon Americas: National / Alternate Tax Included
- OmniPay Direct: National Tax Included
- TSYS Acquiring Solutions: National Tax Included Flag
- Visa Platform Connect: nationalTaxIncluded

otherTax_vatTaxAmount

The total amount of the Value Added Tax (VAT) or other tax included in the order.

RBS WorldPay Atlanta

The value of this field cannot exceed `999999.99`.

Specifications

Chase Paymentech Solutions

- **Field Type:** Request
- **Data Type:** Decimal
- **Data Length:** 13

Elavon Americas

- **Field Type:** Request
- **Data Type:** Numeric String
- **Data Length:** 12

FDC Compass

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

GPN

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

OmniPay Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

RBS WorldPay Atlanta

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 8

TSYS Acquiring Solutions

- **Field Type:** Request
- **Data Type:** String
- **Length:** 13

Mapping Information

- **REST API Field: orderInformation.amountDetails.taxDetails[].amount**
- **SCMP API Field: vat_tax_amount**
- **Simple Order API Field: otherTax_vatTaxAmount**

Processor Field Names

Processor-specific field names for each processor supporting this field for Level II or Level III processing:

- **Chase Paymentech Solutions:** VAT/Tax Amount
- **Elavon Americas:** VAT / Tax Amount (Freight)
- **FDC Compass:** VAT/Tax Amount
- **FDC Nashville Global:** VAT/Tax Amount
- **GPN:** VAT/Tax Amount (Freight/Shipping)

- **OmniPay Direct:** VAT (Amount)
- **RBS WorldPay Atlanta:** VAT Tax Amount
- **TSYS Acquiring Solutions:** VAT/Tax Amount

otherTax_ vatTaxAmountSign

Flag that indicates if the VAT tax amount should be interpreted as positive or negative.

Possible values:

- `negative`: VAT amount is considered negative for the invoice
- `positive`: VAT amount is considered positive for the invoice

This field is related to the value in the **otherTax_vatTaxAmount** field.

Specifications

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- REST API Field: **order.vatTaxAmountSign**
- SCMP API Field: **vat_tax_amount_sign**
- Simple Order API Field: **otherTax_vatTaxAmountSign**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Visa Platform Connect: vatTaxAmountSign

otherTax_vatTaxRate

The Value Added Tax (VAT) or other tax rate used to calculate the tax applied to the order.

For RBS WorldPay Atlanta and TSYS Acquiring Solutions: The valid range is between .01 and 99.99 percent. The rate is entered as a decimal. For example:

- **60%:** 0.6000
- **33.33%:** 0.3333
- **25.5%:** 0.2550

For Visa Platform Connect, the valid range is between 0.01 and 99.99 percent. The rate is entered as a percentage. For example:

- **60%:** 60.00
- **33.33%:** 33.33
- **25.5%:** 25.50

For all other processors: The valid range is between 1 and 99 percent. The rate is entered as a decimal. For example:

- **60%:** 0.60
- **33%:** 0.33
- **25%:** 0.25

Specifications

Chase Paymentech Solutions

- **Field type:** Request
- **Data Type:** String
- **Data Length:** 4

Elavon Americas

- **Field type:** Request
- **Data Type:** String
- **Data Length:** 4

FDC Compass

- **Field type:** Request
- **Data Type:** String
- **Data Length:** 4

FDC Nashville Global

- **Field type:** Request
- **Data Type:** String
- **Data Length:** 5

GPN

- **Field type:** Request
- **Data Type:** String
- **Data Length:** 4

OmniPay Direct

- **Field type:** Request
- **Data Type:** String
- **Data Length:** 4

RBS WorldPay Atlanta

- **Field type:** Request
- **Data Type:** Numeric
- **Data Length:** 4

TSYS Acquiring Solutions

- **Field type:** Request
- **Data Type:** String
- **Data Length:** 6

Visa Platform Connect

- **Field type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: orderInformation.amountDetails.taxDetails[].rate**
- **SCMP API Field: vat_tax_rate**
- **Simple Order API Field: otherTax_vatTaxRate**

Processor Field Names

Processor-specific field names for each processor supporting this field for Level II or Level III processing:

- **Chase Paymentech Solutions:** VAT/Tax Rate
- **Elavon Americas:** VAT / Tax Rate (Freight)
- **FDC Compass:** VAT/Tax Rate
- **FDC Nashville Global:** VAT/Tax Rate
- **GPN:** VAT/Tax Rate (Freight/Shipping)
- **OmniPay Direct:** VAT (Rate)
- **RBS WorldPay Atlanta:** Tax Rate
- **TSYS Acquiring Solutions:** VAT/Tax Rate
- **Visa Platform Connect:** vat_tax_rate

otherTax_alternateTaxID

Your tax ID number to use for the alternate tax amount.

Specifications

Chase Paymentech Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

FDC Compass

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- REST API Field: **orderInformation.amountDetails.taxDetails[].taxID**
- SCMP API Field: **alternate_tax_id**
- Simple Order API Field: **otherTax_alternateTaxID**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Chase Paymentech Solutions: Alternate Tax ID
- FDC Compass: Alternate Tax ID

otherTax_alternateTaxIndicator

A flag that indicates whether an alternative tax amount (**otherTax_alternateTaxAmount**) is included in the request.

Possible values for this field:

- **0**: Alternate tax amount is not included in the request
- **1**: Alternate tax amount is included in the request

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- REST API Field: N/A
- SCMP API Field: **alternate_tax_amount_indicator**
- Simple Order API Field: **otherTax_alternateTaxIndicator**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Elavon Americas: National /Alternate Tax Included
- FDC Nashville Global: Other Tax Indicator
- RBS WorldPay Atlanta: Alternate Tax Indicator
- TSYS Acquiring Solutions: Alternate Tax Amount Indicator

otherTax_greenTaxAmount

Tax amount paid to government for green initiative.

Services

- **Sale:** Optional

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 12

Mapping Information

- **REST API Field and Value: orderInformation.amountDetails.taxDetails[].type**`=green`
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: otherTax_greenTaxAmount**

otherTax_localTaxAmount

Sales tax applied to the item.

Specifications

Elavon Americas

- **Field Type:** Request
- **Data Type:** Numeric String
- **Data Length:** 10

FDC Nashville Global

- **Field Type:** Request
- **Data Type:** Numeric String
- **Data Length:** 13

TSYS Acquiring Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

Mapping Information

- REST API Field: **orderInformation.lineItems[].taxDetails[].amount**
- SCMP API Field: **local_tax**
- Simple Order API Field: **otherTax_localTaxAmount**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Elavon Americas: Sales Tax Amount
- TSYS Acquiring Solutions: Local Tax

otherTax_nationalTaxAmount

Amount of national tax or value added tax for countries in which more than one tax is applied to an order.

Provide this value if **item_#_nationalTax** differs from **item_#_taxAmount**. If you do not provide this value, Cybersource assumes that **item_#_nationalTax** is equal to **item_#_taxAmount**.

Specifications

Elavon Americas

- **Field Type:** Request
- **Data Type:** Numeric String
- **Data Length:** 12

GPN

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

OmniPay Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

TSYS Acquiring Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

Mapping Information

- REST API Field: **orderInformation.amountDetails.taxDetails[].amount**
- SCMP API Field: **national_tax**
- Simple Order API Field: **otherTax_nationalTaxAmount**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Elavon Americas: National/Alternate Tax
- GPN: National Tax
- OmniPay Direct: National Tax
- TSYS Acquiring Solutions: National Tax Amount

partnerOrginalTransactionID

Value that links the previous transaction to the current follow-on request.

This value is assigned by the client software that is installed on the POS terminal, which makes it available to the terminal's software and to Cybersource. Therefore, you can use this value to reconcile transactions between Cybersource and the terminal's software.

This value is not sent to the processor. Instead, the value is forwarded to the Cybersource reporting software.

This field is supported only for Cybersource integrations.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 32

Mapping Information

- **REST API Field: clientReferenceInformation.partner.originalTransactionId**
- **SCMP API Field: partner_original_transaction_id**
- **Simple Order API Field: partnerOriginalTransactionID**

partnerSDKversion

Version of the software installed on the POS terminal.

This value is provided by the client software that is installed on the POS terminal.

This value is not sent to the processor. Instead, the value is forwarded to the Cybersource reporting software.

This field is supported only for Cybersource integrations.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 32

Mapping Information

- **REST API Field: pointOfSaleInformation.partnerSdkVersion**
- **SCMP API Field: partner_sdk_version**
- **Simple Order API Field: partnerSDKversion**

partnerSolutionID

Identifier for prebuilt partner solution that is integrated to Cybersource.

Send this value in all requests that are sent through the partner solution. Cybersource assigns this ID to the partner.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: clientReferenceInformation.partner.solutionId**
- **SCMP API Field:**
- **Simple Order API Field: partnerSolutionID**
- **Secure Acceptance API Field: partner_solution_id**

paySubscriptionCreateReply_instrumentIdentifierNew

Indicates whether the tokenized credential already exists as an Instrument Identifier or is a new credential.

Specifications

- **Field Type:** Response
- **Data Type:** String

Mapping Information

- **REST API Field: tokenInformation.instrumentIdentifierNew**
- **SCMP API Field: pay_subscription_create_instrument_identifier_new**
- **Simple Order API Field: paySubscriptionCreateReply_instrumentIdentifierNew**

payByPoints_indicator

Indicates whether transaction uses loyalty points.

Possible values:

- `true`: Transaction uses loyalty points.
- `false`: Transaction does not use loyalty points.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.payByPointsIndicator**
- **SCMP API Field: pay_by_points_indicator**
- **Simple Order API Field: payByPoints_indicator**

payByPoints_pointsAfterRedemption

Remaining loyalty points balance after redemption.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: orderInformation.rewardPointsDetails.pointsAfterRedemption**
- **SCMP API Field: points_after_redemption**
- **Simple Order API Field: payByPoints_pointsValueBeforeRedemption**

payByPoints_pointsBeforeRedemption

Loyalty points balance before redemption.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: orderInformation.rewardPointsDetails.pointsBeforeRedemption**
- **SCMP API Field: points_before_redemption**
- **Simple Order API Field: payByPoints_pointsBeforeRedemption**

payByPoints_pointsRedeemed

Number of loyalty points that were redeemed.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: orderInformation.rewardPointsDetails.pointsRedeemed**
- **SCMP API Field: points_redeemed**
- **Simple Order API Field: payByPoints_pointsRedeemed**

payByPoints_pointsValueAfterRedemption

Value of the remaining loyalty points after redemption in the local currency.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: orderInformation.rewardPointsDetails.pointsValueAfterRedemption**
- **SCMP API Field: points_value_after_redemption**
- **Simple Order API Field: payByPoints_pointsValueAfterRedemption**

payByPoints_pointsValueBeforeRedemption

Value of loyalty points before redemption in the local currency.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: orderInformation.rewardPointsDetails.pointsValueBeforeRedemption**
- **SCMP API Field: points_value_before_redemption**
- **Simple Order API Field: payByPoints_pointsValueBeforeRedemption**

payByPoints_pointsValueRedeemed

Value of the loyalty points that were redeemed in the local currency.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: orderInformation.rewardPointsDetails.pointsValueRedeemed**
- **SCMP API Field: points_value_redeemed**
- **Simple Order API Field: payByPoints_pointsValueRedeemed**

payerAuthEnrollReply_acsOperatorId

Access Control Server (ACS) identifier assigned by the directory service.

Each directory service can assign a unique ID to each ACS. This field is used with 3-D Secure 2.0.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 32

Mapping Information

- **REST API Field: consumerAuthenticationInformation. acsOperatorID**
- **SCMP API Field: pa_acs_operator_id**
- **Simple Order API Field: payerAuthEnrollReply_acsOperatorId**

payerAuthEnrollReply_acsReferenceNumber

Unique identifier assigned by the EMVCo upon testing and approval.

This field is used with 3-D Secure 2.0.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 32

Mapping Information

- **REST API Field: consumerAuthenticationInformation. acsReferenceNumber**
- **SCMP API Field: pa_acs_reference_number**
- **Simple Order API Field: payerAuthEnrollReply_acsReferenceNumber**

payerAuthEnrollReply_idciDecision

Decision on the risk assessment from Mastercard.

This field is used only with Mastercard. It is required when the merchant requests the Identity Check Insights (IDCI) score.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: consumerAuthenticationInformation. idciDecision**
- **SCMP API Field: pa_idci_decision**
- **Simple Order API Field: payerAuthEnrollReply_idciDecision**

payerAuthEnrollReply_idciReasonCode1

Reason code from Mastercard.

This field is only used with Mastercard. It is required when the merchant requests the Identity Check Insights (IDCI) score. The reason code values range from `A` - `Z`. Refer to the Appendix C in the Mastercard Identity Check Program Guide for a description of the reason codes values.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. idciReasonCode1**
- **SCMP API Field: pa_idci_reason_code1**
- **Simple Order API Field: payerAuthEnrollReply_idciReasonCode1**

payerAuthEnrollReply_idciReasonCode2

Reason code from Mastercard.

This field is only used with Mastercard. It is required when the merchant requests the Identity Check Insights (IDCI) score. The reason code values range from `A` - `Z`. Refer to the Appendix C in the Mastercard Identity Check Program Guide for a description of the reason codes values.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. idciReasonCode2**
- **SCMP API Field: pa_idci_reason_code2**
- **Simple Order API Field: payerAuthEnrollReply_idciReasonCode2**

payerAuthEnrollReply_idciScore

Risk assessment from Mastercard.

Only for Mastercard. Required when the merchant requests the Identity Check Insights (IDCI) score. The risk score values range from `0` - `9` (low to high). Refer to the Appendix C in the Mastercard Identity Check Program Guide for additional information about the score values.

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. idciScore**
- **SCMP API Field: pa_idci_score**
- **Simple Order API Field: payerAuthEnrollReply_idciScore**

payerAuthEnrollService_ decoupledAuthenticationIndicator

Indicates whether the 3-D Secure requester agrees to use decoupled authentication if the ACS confirms its use.

Possible Values:

`Y` - Decoupled Authentication is supported and preferred if a challenge is necessary.

`N` - Do not use Decoupled Authentication (default).

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. decoupledAuthenticationIndicator**
- **SCMP API Field: pa_decoupled_authentication_indicator**
- **Simple Order API Field: payerAuthEnrollService_decoupledAuthenticationIndicator**

payerAuthEnrollService_ decoupledAuthenticationMaxTime

The maximum interval of time (in minutes) that the 3-D Secure requester waits for an ACS (active control server) to return the result of a decoupled authentication transaction.

Possible Values:

Numeric values between `1` and `10080` accepted.

Specifications

For the field type, use one of the following three field types. Delete the other two field types.

- **Field Type:** Request
- **Data Type:** string
- **Data Length:** 5

Mapping Information

- **REST API Field: consumerAuthenticationInformation. decoupledAuthenticationMaxTime**
- **SCMP API Field: pa_decoupled_authentication_max_time**
- **Simple Order API Field: payerAuthEnrollService_decoupled_AuthenticationMaxTime**

payerAuthEnrollService_merchantId

Merchant bank identifier.

Applicable to Visa only. Use this field for evaluation, testing, and production. This number is not your merchant ID.

Specifications

- **Field Type:** Request
- **Data Type:** Number
- **Data Length:** Length depends upon the number assigned by acquiring bank.

Mapping Information

- **REST API Field: acquirerInformation.merchantId**
- **SCMP API Field: pa_merchant_id**
- **Simple Order API Field: payerAuthEnrollService_merchantId**

payerAuthEnrollService_requestorName

The 3-D Secure requestor name value assigned by the directory server.

Specifications

- **Field Type:** Request
- **Data Type:** string
- **Data Length:** 40

Mapping Information

- **REST API Field: consumerAuthenticationInformation. requestorName**
- **SCMP API Field: pa_requestor_name**
- **Simple Order API Field: payerAuthEnrollService_requestorName**

payerAuthEnrollService_scoreRequest

Indicates that you are requesting the Identity Check Insights (IDCI) score details of a transaction.

Possible values:

- `Yes`
- `No`

If set to `yes`, you receive the values of these fields in the response:

-
- **payerAuthEnrollReply_idciDecision**
- **payerAuthEnrollReply_idciReasonCode1**
- **payerAuthEnrollReply_idciReasonCode2**

This field is used only with Mastercard transactions.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. scoreRequest**
- **SCMP API Field: pa_score_request**
- **Simple Order API Field: payerAuthEnrollService_scoreRequest**

payerAuthEnrollService_workPhone

Cardholder's work phone number.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 25

Mapping Information

- **REST API Field: buyerInformation.workPhone**
- **SCMP API Field: pa_work_phone**
- **Simple Order API Field: payerAuthEnrollService_workPhone**

payerAuthEnrollService_merchantCountrycode

Two-character ISO Standard Country Codes.

Specifications

- **Field Type:** Request
- **Data Type:** string
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. overrideCountryCode**
- **SCMP API Field: pa_merchant_country_code**
- **Simple Order API Field: payerAuthEnrollService_merchantCountrycode**

payerAuthEnrollService_merchantNewCustomer

Indicates whether the consumer is a new or existing customer with the merchant.

This field can contain one of these values:

- `true`
- `false`

Specifications

- **Field Type:** Request
- **Data Type:** Boolean

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: pa_merchant_new_customer**
- **Simple Order API Field: payerAuthEnrollService_merchantNewCustomer**

payerAuthEnrollService_preorderDate

Expected date that a pre-ordered purchase will be available.

Format: yyyyMMDD

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 8

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: pa_pre_order_date**
- **Simple Order API Field: payerAuthEnrollService_preorderDate**

payerAuthValidateService_credentialEncrypted

Indicates that you encrypted the passed credential.

This field is only used for IVR extension transactions in India.

Specifications

- **Field Type:** Request
- **Data Type:** Boolean
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. credentialEncrypted**
- **SCMP API Field: pa_credential_encrypted**
- **Simple Order API Field: payerAuthValidateService_credentialEncrypted**

payerAuthEnrollReply_accessToken

JSON Web Token (JWT) used to authenticate the customer with the authentication provider (for example, CardinalCommerce or RuPay).

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2048

Mapping Information

- **REST API Field: consumerAuthenticationInformation. accessToken**
- **SCMP API Field: pa_access_token**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_accessToken**
  - **payerAuthSetupReply_accessToken**

payerAuthEnrollReply_acsRenderingType

Identifies the UI type that the ACS will use to complete the challenge.

Available only for mobile application transactions using the Cardinal Mobile SDK.

This field is a JSON object that comprises the following two fields, each two characters long.

- ACS Interface Field Name: **acsInterface** is the ACS interface the challenge presents to the cardholder. Possible values:
  - `01`: Native UI.
  - `02`: HTML UI.
- ACS UI Template Field Name: **acsUiTemplate** identifies the UI template format that the ACS first presents to the consumer. Possible values:
  - `01`: Text.
  - `02`: Single select.
  - `03`: Multi select.
  - `04`: OOB (Out of Band).
  - `05`: HTML other.

Valid values for each interface:

- Native UI: `01-04`.
- HTML UI: `01-05`.

HTML other is valid only when combined with HTML UI. If HTML other is used with Native UI, it results in error=203.

JSON Object Example: `{ "acsRenderingType":{ "acsInterface";"02", "acsUiTemplate":03" } }`

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** See description.

Mapping Information

- **REST API Field: consumerAuthenticationInformation. acsRenderingType**
- **SCMP API Field: pa_acs_rendering_type**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_acsRenderingType**
  - **payerAuthValidateReply_acsRenderingType**

payerAuthEnrollReply_acsTransactionID

Unique transaction identifier assigned by the ACS to identify a single transaction.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 36

Mapping Information

- **REST API Field: consumerAuthenticationInformation. acsTransactionId**
- **SCMP API Field: pa_acs_transaction_id**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_acsTransactionID**
  - **payerAuthValidateReply_acsTransactionID**

payerAuthEnrollReply_acsURL

URL for the card-issuing bank's authentication form that you receive when the card is enrolled.

The value can be very large.

Specifications

- **Field Type:** Response
- **Data Length:** No length limit.

Mapping Information

- **REST API Field: consumerAuthenticationInformation. acsUrl**
- **SCMP API Field: pa_enroll_acs_url**
- **Simple Order API Field: payerAuthEnrollReply_acsURL**

payerAuthEnrollReply_authenticationPath

Indicates what displays to the customer during the authentication process.

This field can contain one of these values:

- `ADS`: Card not enrolled. Customer prompted to activate the card during the checkout process.
- `ATTEMPTS`: Attempts processing. `Processing...` briefly appears before the checkout process is completed.
- `ENROLLED`: Card enrolled. The card issuer's authentication window opens.
- `UNKNOWN`: Card enrollment status cannot be determined.
- `NOREDIRECT`: Card not enrolled, authentication unavailable, or error occurred. Nothing displays to the customer.

The following values can be returned if you are using rules-based payer authentication:

- `RIBA`: The card-issuing bank supports risk-based authentication, but whether the cardholder is likely to be challenged cannot be determined.
- `RIBA_PASS`: The card-issuing bank supports risk-based authentication, and it is likely that the cardholder will not be challenged to provide credentials, also known as *silent authentication*.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. authenticationPath**
- **SCMP API Field: pa_enroll_authentication_path**
- **Simple Order API Field: payerAuthEnrollReply_authenticationPath**

payerAuthEnrollReply_authenticationResult

Raw authentication data that comes from the card-issuing bank.

Primary authentication field that indicates if authentication was successful and if liability shift occurred. You should examine first the result of this field.

This field contains one of these values:

- `-1`: Invalid PARes.
- `0`: Successful validation.
- `1`: Cardholder is not participating, but the attempt to authenticate was recorded.
- `6`: Issuer unable to perform authentication.
- `9`: Cardholder did not complete authentication.

Specifications

- **Field Type:** Response
- **Data Type:** String with numbers only
- **Data Length:** 255

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: pa_enroll_authentication_result**
- **Simple Order API Field: payerAuthEnrollReply_authenticationResult**

payerAuthEnrollReply_authenticationStatusMessage

Message that explains the **pa_enroll_authentication_result response** field.

Specifications

- **Field Type:** Response
- **Data Type:** Sting
- **Data Length:** 255

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: pa_enroll_authentication_status_msg**
- **Simple Order API Field: payerAuthEnrollReply_authenticationStatusMessage**

payerAuthEnrollReply_authenticationStatusReason

Provides additional information about the PARes status value.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. signedParesStatusReason**
- **SCMP API Field: pares_status_reason**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_authenticationStatusReason**
  - **payerAuthValidateReply_authenticationStatusReason**

payerAuthEnrollReply_authenticationTransactionID

Payer authentication transaction identifier. It links the check enrollment and validate authentication transactions.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field: consumerAuthenticationInformation. authenticationTransactionId**
- **SCMP API Field: pa_enroll_authentication_transaction_id**
- **Simple Order API Field: payerAuthEnrollReply_authenticationTransactionID**

payerAuthEnrollReply_authenticationType

Indicates the type of authentication that is used to challenge the cardholder.

Possible Values:

- `01`: Static.
- `02`: Dynamic.
- `03`: OOB (Out of Band).

> **Important:** EMV 3-D Secure 2.1.0 supports values `01-03`. Version 2.2.0 supports values `01-03`.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. authenticationType**
- **SCMP API Field: pa_authentication_type**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_authenticationType**
  - **payerAuthValidateReply_authenticationType**

payerAuthEnrollReply_authorizationPayload

The Base64-encoded JSON payload of authorization values returned in the challenge flow.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. authorizationPayload**
- **SCMP API Field: authorization_payload**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_authorizationPayload**
  - **payerAuthValidateReply_authorizationPayload**

payerAuthEnrollReply_cardBin

Eight-digit card issuer bank identification number.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: card_bin**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_cardBin**
  - **payerAuthValidateReply_cardBin**

payerAuthEnrollReply_cardholderMessage

Text provided by the AC or issuer or both to the cardholder during a frictionless or decoupled transaction.

The issuer can provide information to the cardholder. For example, “Additional authentication is needed for this transaction. Please contact (Issuer Name) at xxx-xxx-xxxx.” The issuing bank can choose to support this value.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 128

Mapping Information

- **REST API Field: consumerAuthenticationInformation. cardholderMessage**
- **SCMP API Field: pa_cardholder_message**
- **Simple Order API Field: payerAuthEnrollReply_cardholderMessage**

payerAuthEnrollReply_cardTypeName

The card brand name associated with the cardholder's card number.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: card_type_name**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_cardTypeName**
  - **payerAuthValidateReply_cardTypeName**

payerAuthEnrollReply_cavv

Unique identifier generated by the card-issuing bank for Visa, American Express, JCB, Diners Club, Discover, China UnionPay, and Elo transactions after the customer is authenticated.

The value is encoded in Base64. When you request the card authorization service, Cybersource automatically converts the value, not the field name, to the format required by your payment processor.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. cavv**
- **SCMP API Field: pa_enroll_cavv**
- **Simple Order API Field: payerAuthEnrollReply_cavv**

payerAuthEnrollReply_cavvAlgorithm

Field that is returned only when the CAVV is generated, which occurs when **pa_enroll_pares_ status** contains the values `Y` (successful authentication) or `A` (attempted authentication).

This field contains one of these values:

- `2`: Visa, American Express, JCB, Diners Club, Discover, China UnionPay, and Elo.
- `3`: Mastercard.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. cavvAlgorithm**
- **SCMP API Field: pa_enroll_cavv_algorithm**
- **Simple Order API Field: payerAuthEnrollReply_cavvAlgorithm**

payer_AuthEnrollReply_challengeCancelCode

Indicates why the transaction was canceled.

Possible values:

- `01`: Cardholder selected Cancel.
- `02`: Reserved for future EMVCo use (values invalid until defined by EMVCo).
- `03`: Transaction timed out—Decoupled Authentication.
- `04`: Transaction timed out at ACS—other timeouts.
- `05`: Transaction timed out at ACS—First CReq not received by ACS.
- `06`: Transaction Error.
- `07`: Unknown.
- `08`: Transaction timed out at SDK.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. challengeCancelCode**
- **SCMP API Field: challenge_cancel_code**
- **Simple Order API Field:**
  - **payer_AuthEnrollReply_challengeCancelCode**
  - **payerAuthValidateReply_challengeCancelCode**

PayerAuthEnrollReply_challengeRequired

Indicates whether a challenge is required in order to complete authentication.

Regional mandates might determine that a challenge is required. Used by the Hybrid integration.

Possible values:

- `Y`: Challenge required.
- `N`: Challenge not required.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. challengeRequired**
- **SCMP API Field: challenge_required**
- **Simple Order API Field: PayerAuthEnrollReply_challengeRequired**

payerAuthEnrollReply_commerceIndicator

Indicator used to distinguish types of transactions.

This field contains one of these values:

- `aesk`: American Express SafeKey authentication verified successfully.
- `aesk_attempted`: Card not enrolled in American Express SafeKey, but the attempt to authenticate is recorded.
- `cs`: Elo Compra Segura authentication verified successfully.
- `cs_attempted`: Elo Compra Segura card not enrolled, but attempt to authenticate is recorded.
- `dipb`: Discover ProtectBuy authentication verified successfully.
- `dipb_attempted`: Card not enrolled in Discover ProtectBuy, but the attempt to authenticate is recorded.
- `internet`: Card not enrolled, or card type not supported by payer authentication. No liability shift.
- `js`: J/Secure authentication verified successfully.
- `js_attempted`: Card not enrolled, but attempt to authenticate is recorded. Liability shift.
- `js_failure`: J/Secure directory service is not available. No liability shift.
- `pb`: Diners Club ProtectBuy authentication verified successfully.
- `pb_attempted:` : Card not enrolled in Diners Club ProtectBuy, but the attempt to authenticate is recorded.
- `spa`: Mastercard card not enrolled in the Identity Check program. No liability shift.
- `spa_failure`: Mastercard Identity Check failed authentication.
- `up3ds`: China UnionPay authentication verified successfully.
- `up3ds_attempted.` China UnionPay card not enrolled, but attempt to authenticate is recorded.
- `up3ds_failure`: China UnionPay authentication unavailable.
- `vbv`: Visa Secure authentication verified successfully.
- `vbv_attempted`: Visa card not enrolled, but attempt to authenticate is recorded. Liability shift.
- `vbv_failure`: For the payment processors Barclays, Streamline, AIBMS, or FDC Germany, you receive this result if Visa's directory service is not available. No liability shift.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. ecommerceIndicator**
- **SCMP API Field: pa_enroll_e_commerce_indicator**
- **Simple Order API Field: payerAuthEnrollReply_commerceIndicator**

payerAuthEnrollReply_directoryServerErrorCode

The directory server error code indicating a problem with the transaction.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 3

Mapping Information

- **REST API Field: consumerAuthenticationInformation. directoryServerErrorCode**
- **SCMP API Field: pa_directory_server_error_code**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_directoryServerErrorCode**
  - **payerAuthValidateReply_directoryServerErrorCode**

payerAuthEnrollReply_directoryServerErrorDescription

Directory server text and additional detail about the error for the transaction.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 4096

Mapping Information

- **REST API Field: consumerAuthenticationInformation. directoryServerErrorDescription**
- **SCMP API Field: pa_directory_server_error_description**
- **Simple Order API Fields:**
  - **payerAuthEnrollReply_directoryServerErrorDescription**
  - **payerAuthValidateReply_directoryServerErrorDescription**

payerAuthEnrollReply_directoryServerTransactionID

The Directory server transaction ID is generated by the directory server during authentication and returned with the authentication results.

Your card brand might require you to send this field in the authorization service request.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 36

Mapping Information

- **REST API Field: consumerAuthenticationInformation. directoryServerTransactionID**
- **SCMP API Field: pa_enroll_directory_server_transaction_id**
- **Simple Order API Field: payerAuthEnrollReply_directoryServerTransactionID**

payerAuthEnrollReply_eci

Numeric electronic commerce indicator (ECI) returned only for Visa, American Express, JCB, Diners Club, Discover, China UnionPay, and Elo transactions when the card is not enrolled.

Important: This field applies only to cards that are not issued in the U.S.

If you are not using the Cybersource payment services, you must send this value to your payment processor in the subsequent request for card authorization.

This field contains one of these values:

- `06`: The card can be enrolled. Liability shift.
- `07`: The card cannot be enrolled. No liability shift.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. eci**
- **SCMP API Field: pa_enroll_eci**
- **Simple Order API Field: payerAuthEnrollReply_eci**

payerAuthEnrollReply_eciRaw

Electronic commerce indicator (ECI) value that can be returned for Visa, Mastercard, American Express, JCB, Diners Club, Discover, China UnionPay, and Elo.

The field is absent when authentication fails. If your payment processor is Streamline, you must pass the value of this field instead of the value of **pa_enroll_eci** or **pa_enroll_ ucaf_collection_indicator**.

This field can contain one of these values:

- `01`: Authentication attempted (Mastercard).
- `02`: Successful authentication (Mastercard).
- `05`: Successful authentication (Visa, American Express, JCB, Diners Club, Discover, China UnionPay, and Elo).
- `06`: Authentication attempted (Visa, American Express, JCB, Diners Club, Discover, China UnionPay, and Elo).

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. eciRaw**
- **SCMP API Field: pa_enroll_eci_raw**
- **Simple Order API Field: payerAuthEnrollReply_eciRaw**

payerAuthEnrollReply_effectiveAuthenticationType

The type of 3D Secure transaction flow that occurred.

It can be one of the following:

- `CH`: Challenge.
- `FR`: Frictionless.
- `FD`: Frictionless with delegation (challenge not generated by the issuer but by the scheme on behalf of the issuer).

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. effectiveAuthenticationType**
- **SCMP API Field: effective_authentication_type**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_effectiveAuthenticationType**
  - **payerAuthValidateReply_effectiveAuthenticationType**

payerAuthEnrollReply_networkScore

The global score calculated by the Cartes Bancaires scoring platform and returned to the merchant.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** No length limit.

Mapping Information

- **REST API Field: consumerAuthenticationInformation. networkScore**
- **SCMP API Field: pa_network_score**
- **Simple Order API Field: payerAuthEnrollReply_networkScore**

payerAuthEnrollReply_paReq

Payer authentication request (PAReq) message that you must forward to the ACS.

The value can be very large. The value is encoded in Base64.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** No length limit.

Mapping Information

- **REST API Field: consumerAuthenticationInformation. pareq**
- **SCMP API Field: pa_enroll_pareq**
- **Simple Order API Field: payerAuthEnrollReply_paReq**

payerAuthEnrollReply_paresStatus

Raw result of the authentication check.

This field can contain one of these values:

- `A`: Proof of authentication attempt was generated.
- `C`: Card challenged. This status is a temporary status for an in-flight transaction and can result in other authentication statuses after transaction is completed.
- `N`: Customer failed or canceled authentication. Transaction denied.
- `R`: Authentication rejected (used for 3D Secure 2.x transactions only).
- `U`: Authentication not completed regardless of the reason.
- `Y`: Customer was successfully authenticated.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation[].paresStatus**
- **SCMP API Field: pa_enroll_pares_status**
- **Simple Order API Field: payerAuthEnrollReply_paresStatus**

payerAuthEnrollReply_proofXML

Date and time of the enrollment check combined with the VEReq and VERes elements.

If you ever need to show proof of enrollment checking, you might need to parse the string for the information required by the payment card company. The value can be very large.

- For cards issued in the U.S. or Canada, Visa might require this data for specific merchant category codes.
- For cards not issued in the U.S. or Canada, your bank might require this data as proof of enrollment checking for any payer authentication transaction that you re-present because of a chargeback.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** No length limit.

Mapping Information

- **REST API Field: consumerAuthenticationInformation. proofXml**
- **SCMP API Field: pa_enroll_proofxml**
- **Simple Order API Field: payerAuthEnrollReply_proofXML**

payerAuthEnrollReply_proxyPAN

Encrypted version of the card number that is used in the payer authentication request message.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. proxyPan**
- **SCMP API Field: pa_enroll_proxypan**
- **Simple Order API Field: payerAuthEnrollReply_proxyPAN**

payerAuthEnrollReply_sdkTransactionID

SDK unique transaction identifier that is generated on each new transaction.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 36

Mapping Information

- **REST API Field: consumerAuthenticationInformation. sdkTransactionId**
- **SCMP API Field: pa_sdk_transaction_id**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_sdkTransactionID**
  - **payerAuthValidateReply_sdkTransactionID**

payerAuthEnrollReply_specificationVersion

This field contains the 3D Secure version that was used to process the transaction. For example, 1.0.2 or 2.0.0.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: consumerAuthenticationInformation. specificationVersion**
- **SCMP API Field: pa_enroll_specification_version**
- **Simple Order API Field: payerAuthEnrollReply_specificationVersion**

payerAuthEnrollReply_stepUpURL

The fully qualified URL that the merchant uses to post a form to the cardholder in order to complete the consumer authentication transaction for the Cardinal Cruise Direct Connection API integration.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2048

Mapping Information

- **REST API Field: consumerAuthenticationInformation. stepUpUrl**
- **SCMP API Field: pa_step_up_url**
- **Simple Order API Field: payerAuthEnrollReply_stepUpURL**

payerAuthEnrollReply_threeDSServerTransactionID

Unique transaction identifier assigned by the 3-D Secure server to identify a single transaction.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 36

Mapping Information

- **REST API Field: consumerAuthenticationInformation. threeDSServerTransactionId**
- **SCMP API Field: pa_three_ds_server_transaction_id**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_threeDSServerTransactionID**
  - **payerAuthValidateReply_threeDSServerTransactionID**
  - **ccAuthService_threeDSServerTransactionID**

payerAuthEnrollReply_ucafAuthenticationData

Automated address verification (AAV) is a unique identifier generated by the card-issuing bank for Mastercard Identity Check transactions after the customer is authenticated.

The value is encoded in Base64. Include the data in the card authorization request.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. ucafAuthenticationData**
- **SCMP API Field: pa_enroll_ucaf_authentication_data**
- **Simple Order API Field: payerAuthEnrollReply_ucafAuthenticationData**

payerAuthEnrollReply_ucafCollectionIndicator

Returned only for Mastercard transactions. Indicates that authentication is not required because the customer is not enrolled.

Add the value of this field to the authorization field **ucaf_collection_indicator**. This field can contain these values: `0, 1`.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. ucafCollectionIndicator**
- **SCMP API Field: pa_enroll_ucaf_collection_indicator**
- **Simple Order API Field: payerAuthEnrollReply_ucafCollectionIndicator**

payerAuthEnrollReply_veresEnrolled

Result of the enrollment check.

This field can contain one of these values:

- `N`: Card not enrolled; proceed with authorization.
- `U`: Unable to authenticate regardless of the reason. No liability shift.
- `Y`: Card enrolled or can be enrolled; you must authenticate. Liability shift. The following value can be returned if you are using rules-based payer authentication.
- `B`: Indicates that authentication was bypassed.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. veresEnrolled**
- **SCMP API Field: pa_enroll_veres_enrolled**
- **Simple Order API Field: payerAuthEnrollReply_veresEnrolled**

payerAuthEnrollReply_whiteListStatus

Enables the communication of trusted beneficiary and whitelist status among the ACS, the directory server, and the 3-D Secure requester.

Possible values:

- `Y`: 3-D Secure requester is whitelisted by cardholder.
- `N`: 3-D Secure requester is not whitelisted by cardholder.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. whiteListStatus**
- **SCMP API Field: pa_white_list_status**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_whiteListStatus**
  - **payerAuthValidateReply_whiteListStatus**

payerAuthEnrollReply_xid

Transaction identifier generated by Cybersource for successful enrollment checks.

Use this value to match an outgoing PAReq with an incoming PARes. If your payment processor is Barclays, Cybersource forwards the XID with your card authorization service request. The value is encoded in Base64.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. xid**
- **SCMP API Field: pa_enroll_xid**
- **Simple Order API Field: payerAuthEnrollReply_xid**

PayerAuthEnrollService_purchaseDescription

Brief description of items purchased.

Specifications

- **Request:** Required
- **Data Type:** String
- **Data Length:** 256

Mapping Information

- **REST API Field: riskInformation.buyerHistory.purchaseDescription**
- **SCMP API Field: pa_purchase_description**
- **Simple Order API Field: PayerAuthEnrollService_purchaseDescription**

payerAuthEnrollService_accountPurchases

Number of purchases with this cardholder account during the previous six months.

Recommended for Discover ProtectBuy.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 4

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: pa_account_purchases**
- **Simple Order API Field: payerAuthEnrollService_accountPurchases**

payerAuthEnrollService_acquirerCountry

Issuers should be aware of the acquirer's country code when the acquirer country differs from the merchant country, and the acquirer is in the EEA (European Economic Area).

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: acquirerInformation.country**
- **SCMP API Field: pa_acquirer_country**
- **Simple Order API Field: payerAuthEnrollService_acquirerCountry**

payerAuthEnrollService_acsWindowSize

You can send this override field to set the challenge window size to display to the cardholder. The Access Control Server (ACS) replies with content that is formatted appropriately for this window size to allow for the best user experience.

The sizes are width x height in pixels of the window displayed in the cardholder browser. Possible values:

- `01`: 250x400
- `02`: 390x400
- `03`: 500x600
- `04`: 600x400
- `05`: Full page

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. acsWindowSize**
- **SCMP API Field: pa_acs_window_size**
- **Simple Order API Field: payerAuthEnrollService_acsWindowSize**

payerAuthEnrollService_addCardAttempts

Number of add card attempts in the last 24 hours.

Recommended for Discover ProtectBuy.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 3

Mapping Information

- **REST API Field: riskInformation.buyerHistory.addCardAttempts**
- **SCMP API Field: pa_add_card_attempts**
- **Simple Order API Field: payerAuthEnrollService_addCardAttempts**

payerAuthEnrllService_alternateAuthenticationData

Data that documents and supports a specific authentication process.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2048

Mapping Information

- **REST API Field: consumerAuthenticationInformation. alternateAuthenticationData**
- **SCMP API Field: pa_alternate_authentication_data**
- **Simple Order API Field: payerAuthEnrollService_alternateAuthenticationData**

payerAuthEnrollService_alternateAuthenticationDate

Date and time in UTC of the cardholder authentication.

Format: yyyyMMDDHHMM

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 12

Mapping Information

- **REST API Field: consumerAuthenticationInformation. alternateAuthenticationDate**
- **SCMP API Field: pa_alternate_authentication_date**
- **Simple Order API Field: payerAuthEnrollService_alternateAuthenticationDate**

payerAuthEnrollService_alternateAuthenticationMethod

Mechanism used by the cardholder to authenticate to the 3D Secure requestor.

Possible values:

- `01`: No authentication occurred.
- `02`: Login using merchant system credentials.
- `03`: Login using Federated ID.
- `04`: Login using issuer credentials.
- `05`: Login using third-party authenticator.
- `06`: Login using FIDO Authenticator.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. alternateAuthenticationMethod**
- **SCMP API Field: pa_alternate_authentication_method**
- **Simple Order API Field: payerAuthEnrollService_alternateAuthenticationMethod**

payerAuthEnrollService_authenticationIndicator

Indicates the type of authentication request.

Possible values:

- `01`: Payment transaction.
- `02`: Recurring transaction.
- `03`: Installment transaction.
- `04`: Add card.
- `05`: Maintain card.
- `06`: Cardholder verification as part of EMV token ID&V (identity and verification).

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation.strongAuthentication.authenticationIndicator**
- **SCMP API Field: pa_authentication_indicator**
- **Simple Order API Field: payerAuthEnrollService_authenticationIndicator**

payerAuthEnrollService_authenticationTransactionID

Payer authentication transaction identifier that links the check enrollment and validate authentication transactions.

Get the value for this field from the **payerAuthEnrollReply_authenticationTransactionID** field in the check enrollment response.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field: consumerAuthenticationInformation. authenticationTransactionId**
- **SCMP API Field: pa_authentication_transaction_id**
- **Simple Order API Fields:**
  - **payerAuthEnrollService_authenticationTransactionID**
  - **payerAuthValidateService_authenticationTransactionID**

payerAuthEnrollService_challengeCode

Authentication type or challenge presented to the cardholder at checkout.

The challenge is issued after requesting secure transactions through the Cybersource payer authentication services.

A *challenge* means that strong customer authentication is required. The challenge status does the following:

- Informs the issuer about the alternative authentication methods that the cardholder used.
- Enables you to override default values for one transaction at a time and increase the authorization acceptance rate at the risk of accepting a liability shift for the transaction.

Possible values:

- `01`: No preference.
- `02`: No challenge requested, but the reason is unknown.
- `03`: You requested the challenge. You can default to this value for every transaction when you see an increase in fraud rates.
- `04`: Challenge mandated. Strong customer authentication is required when one of the following is true:
    - Transaction amount exceeds 30 EUR and there have been at least five transactions on the payment card during the preceding week.
    - Cumulative amount for the payment card during the preceding week exceeds 100 EUR.
- `05`: No challenge requested because transactional risk analysis has already been performed.
- `06`: No challenge requested because the purpose of this transaction is to share data, not to move money.
- `07`: No challenge requested because strong consumer authentication has already been performed.
- `08`: No challenge requested because the cardholder is on a white list of exempt cardholders.
- `09`: Challenge requested by issuer. Determine whether the cardholder is on a white list of exempt cardholders.

This field defaults to `01` on merchant configuration and can be overridden by the merchant. EMV 3-D Secure version 2.1.0 supports values `01`-`04`. Version 2.2.0 supports values `01`-`09`.

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthEnrollService_challengeCode** request field.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. challengeCode**
- **SCMP API Field: pa_challenge_code**
- **Simple Order API Field:**
  - **ccAuthService_paChallengeCode**
  - **payerAuthEnrollService_challengeCode**

payerAuthEnrollService_customerCCAlias

An alias that uniquely identifies the customer's account and credit card on file.

This field is required if Tokenization is enabled in the merchant profile settings.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 128

Mapping Information

- **REST API Field: consumerAuthenticationInformation. customerCardAlias**
- **SCMP API Field: pa_customer_cc_alias**
- **Simple Order API Field: payerAuthEnrollService_customerCCAlias**

payerAuthEnrollService_defaultCard

Indicates that the card being used is the one designated as the primary payment card for purchase.

This field can contain one of these values:

- `true`
- `false`

Recommended for Discover ProtectBuy.

Specifications

- **Field Type:** Request
- **Data Type:** Boolean

Mapping Information

- **REST API Field: consumerAuthenticationInformation. defaultCard**
- **SCMP API Field: pa_default_card**
- **Simple Order API Field: payerAuthEnrollService_defaultCard**

payerAuthEnrollService_deviceChannel

Indicates the channel used for the transaction.

Required for SDK integration. Possible Values:

- `SDK`
- `Browser`
- `3RI (3D Secure Integrator Request)`

> **Important:** If you use the SDK integration, this field is dynamically set to `SDK`. If you use the JavaScript code, this field is dynamically set to `Browser`. For merchant-initiated or 3RI transactions, you must set the field to `3RI`. If you use this field in addition to JavaScript code, you must set the field to `Browser`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: consumerAuthenticationInformation. deviceChannel**
- **SCMP API Field: pa_device_channel**
- **Simple Order API Field: payerAuthEnrollService_deviceChannel**

payerAuthEnrollService_fraudActivity

Indicates whether the merchant experienced suspicious activity (including previous fraud) on the account.

This field can contain one of these values:

- `01`: No suspicious activity
- `02`: Suspicious activity observed

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: pa_fraud_activity**
- **Simple Order API Field: payerAuthEnrollService_fraudActivity**

payerAuthEnrollService_giftCardAmount

The purchase amount total for prepaid gift cards in major units.

Example 123.45 USD=123

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 15

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: pa_gift_card_amount**
- **Simple Order API Field: payerAuthEnrollService_giftCardAmount**

payerAuthEnrollService_giftCardCount

Total count of individual prepaid gift cards purchased.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: pa_gift_card_count**
- **Simple Order API Field: payerAuthEnrollService_giftCardCount**

payerAuthEnrollService_giftCardCurrency

Currency used for the gift card purchase.

Use the standard ISO codes located in the Support Center.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 3

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: pa_gift_card_currency**
- **Simple Order API Field: payerAuthEnrollService_giftCardCurrency**

payerAuthEnrollService_httpAccept

Value of the `Accept` header sent by the customer's web browser.

> **Important:** If the customer's browser provides a value, you must include it in your request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: deviceInformation.httpAcceptBrowserValue**
- **SCMP API Field: pa_http_accept**
- **Simple Order API Field: payerAuthEnrollService_httpAccept**

payerAuthEnrollService_httpUserAccept

The exact content of the HTTP accept header.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 256

Mapping Information

- **REST API Field: deviceInformation.httpAcceptContent**
- **SCMP API Field: pa_http_user_accept**
- **Simple Order API Field: payerAuthEnrollService_httpUserAccept**

payerAuthEnrollService_httpUserAgent

Value of the `User-Agent` header sent by the customer's web browser.

> **Important:** If the customer's browser provides a value, you must include it in your request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: deviceInformation.userAgentBrowserValue**
- **SCMP API Field: pa_http_user_agent**
- **Simple Order API Field: payerAuthEnrollService_httpUserAgent**

payerAuthEnrollService_installmentTotalCount

An integer value greater than 1 indicating the maximum number of permitted authorizations for installment payments.

> **Important:** This value is required if the merchant and cardholder have agreed to installment payments.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 4

Mapping Information

- **REST API Field: recurringPaymentInformation.numberOfPayments**
- **SCMP API Field: pa_installment_total_count**
- **Simple Order API Field: payerAuthEnrollService_installmentTotalCount**

payerAuthEnrollService_marketingOptIn

Indicates whether the customer has opted in for marketing offers.

This field can contain one of these values:

- `true`
- `false`

Recommended for Discover ProtectBuy.

Specifications

- **Field Type:** Request
- **Data Type:** Boolean

Mapping Information

- **REST API Field: consumerAuthenticationInformation. marketingOptIn**
- **SCMP API Field: pa_marketing_optin**
- **Simple Order API Field: payerAuthEnrollService_marketingOptIn**

payerAuthEnrollService_marketingSource

Indicates origin of the marketing offer.

Recommended for Discover ProtectBuy.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40

Mapping Information

- **REST API Field: consumerAuthenticationInformation. marketingSource**
- **SCMP API Field: pa_marketing_source**
- **Simple Order API Field: payerAuthEnrollService_marketingSource**

payerAuthEnrollService_MCC

Merchant category code.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 4

Mapping Information

- **REST API Field: consumerAuthenticationInformation. mcc**
- **SCMP API Field: pa_mcc**
- **Simple Order API Field: payerAuthEnrollService_MCC**

payerAuthEnrollService_merchantFraudRate

Calculated by merchants according to Payment Service Directive 2 (PSD2) and Regulatory Technical Standards (RTS). European Economic Area (EEA) card fraud divided by all EEA card volumes.

Possible Values:

- 1: Represents fraud rate <=1.
- 2: Represents fraud rate >1 and <=6.
- 3: Represents fraud rate >6 and <=13.
- 4: Represents fraud rate >13 and <=25.
- 5: Represents fraud rate >25.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. merchantFraudRate**
- **SCMP API Field: pa_merchant_fraud_rate**
- **Simple Order API Field: payerAuthEnrollService_merchantFraudRate**

payerAuthEnrollService_merchantName

Your company's name as you want it to appear to the customer in the issuing bank's authentication form.

This value overrides the value specified by your merchant bank.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

For Paymentech processor using Cybersource Payouts, the maximum data length is 22.

Mapping Information

- **REST API Field: merchantInformation.merchantDescriptor.name**
- **SCMP API Field: pa_merchant_name**
- **Simple Order API Field: payerAuthEnrollService_merchantName**

payerAuthEnrollService_merchantScore

Risk score provided by merchants.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field: consumerAuthenticationInformation. merchantScore**
- **SCMP API Field: pa_merchant_score**
- **Simple Order API Field: payerAuthEnrollService_merchantScore**

payerAuthEnrollService_merchantURL

Address of your company's website, for example, `http:// www.example.com.`

This value overrides the value specified by your merchant bank.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: merchantInformation.merchantDescriptor.url**
- **SCMP API Field: pa_merchant_url**
- **Simple Order API Field: payerAuthEnrollService_merchantURL**

payerAuthEnrollService_messageCategory

Category of the message for a specific use case.

Possible values:

- `01`: PA (payment authentication).
- `02`: NPA (non-payment authentication).
- `03-79`: Reserved for EMVCo future use (values invalid until defined by EMVCo).
- `80-99`: Reserved for directory server use.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. messageCategory**
- **SCMP API Field: pa_message_category**
- **Simple Order API Field: payerAuthEnrollService_messageCategory**

payerAuthEnrollService_mobilePhone

Cardholder's mobile phone number.

Specifications

- **Field Type:** Request

Mapping Information

- **REST API Field: buyerInformation.mobilePhone**
- **SCMP API Field: pa_mobile_phone**
- **Simple Order API Field: payerAuthEnrollService_mobilePhone**

payerAuthEnrollService_overridePaymentMethod

Specifies the payment account type used for the transaction.

This field overrides other payment types that might be specified in the request. Use one of the following values for this field:

- `NA`: Not applicable. Do not override other payment types that are specified in the request.
- `CR`: Credit card.
- `DB`: Debit card.
- `VSAVR`: Visa Vale Refeicao.
- `VSAVA`: Visa Vale Alimentacao.

Specifications

- **Field Type:** Request
- **Data Type:**String
- **Data Length:** 10

Mapping Information

- **REST API Field: consumerAuthenticationInformation. overridePaymentMethod**
- **SCMP API Field: pa_override_payment_method**
- **Simple Order API Field: payerAuthEnrollService_overridePaymentMethod**

payerAuthEnrollService_paymentAccountDate

Date the payment account was added to the cardholder account.

This field can contain one of these values:

- `-1`: Guest account
- `0`: Added during this transaction

If neither applies, enter the date in yyyyMMDD format.

Recommended for Discover ProtectBuy.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 8

Mapping Information

- **REST API Field: riskInformation.buyerHistory.paymentAccountDate**
- **SCMP API Field: pa_payment_account_date**
- **Simple Order API Field: payerAuthEnrollService_paymentAccountDate**

payerAuthEnrollService_preorder

Indicates whether cardholder is placing an order with a future availability or release date.

This field can contain one of these values:

- `01`: Merchandise available
- `02`: Future availability

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: pa_pre_order**
- **Simple Order API Field: payerAuthEnrollService_preorder**

payerAuthEnrollService_priorAuthenticationData

This field contains data that the ACS can use to verify the authentication process.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2048

Mapping Information

- **REST API Field: consumerAuthenticationInformation. priorAuthenticationData**
- **SCMP API Field: pa_prior_authentication_data**
- **Simple Order API Field: payerAuthEnrollService_priorAuthenticationData**

payerAuthEnrollService_priorAuthenticationMethod

Method the cardholder used previously to authenticate to the 3D Secure requester.

Possible values:

- `01`: Frictionless authentication occurred by ACS.
- `02`: Cardholder challenge occurred by ACS.
- `03`: AVS verified.
- `04`: Other issuer methods.
- `05-79`: Reserved for EMVCo future use (values invalid until defined by EMVCo).
- `80-99`: Reserved for directory server use.

Specifications

- **Field Type:** Request
- **Data Type:** Intger
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. priorAuthenticationMethod**
- **SCMP API Field: pa_prior_authentication_method**
- **Simple Order API Field: payerAuthEnrollService_priorAuthenticationMethod**

payerAuthEnrollService_priorAuthenticationReferenceID

This field contains the ACS transaction ID for a prior authenticated transaction.

For example, the first recurring transaction that was authenticated with the cardholder.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 36

Mapping Information

- **REST API Field: consumerAuthenticationInformation. priorAuthenticationReferenceId**
- **SCMP API Field: pa_prior_authentication_reference_id**
- **Simple Order API Field: payerAuthEnrollService_priorAuthenticationReferenceID**

payerAuthEnrollService_priorAuthenticationTime

Date and time in UTC of the prior cardholder authentication.

Format: yyyyMMDDHHMM

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 12

Mapping Information

- **REST API Field: consumerAuthenticationInformation. priorAuthenticationTime**
- **SCMP API Field: pa_prior_authentication_time**
- **Simple Order API Field: payerAuthEnrollService_priorAuthenticationTime**

payerAuthEnrollService_productCode

Specifies the product code, which designates the type of transaction.

Specify one of the following values for this field:

- `AIR`: Airline purchase.
- `ACC`: Accommodation rental.
- `ACF`: Account funding.
- `CHA`: Check acceptance.
- `DIG`: Digital goods.
- `DSP`: Cash dispensing.
- `GAS`: Fuel.
- `GEN`: General retail.
- `LUX`: Luxury retail.
- `PAL`: Prepaid activation and load.
- `PHY`: Goods or services purchase.
- `QCT`: Quasi-cash transaction.
- `REN`: Car rental.
- `RES`: Restaurant.
- `SVC`: Services.
- `TBD`: Other.
- `TRA`: Travel.

Specifications

- **Request:** Required
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: consumerAuthenticationInformation. productCode**
- **SCMP API Field: pa_product_code**
- **Simple Order API Field: payerAuthEnrollService_productCode**

payerAuthEnrollService_recurringFrequency

Integer value indicating the minimum number of days between recurring authorizations.

A frequency of monthly is indicated by the value 28. Multiple of 28 days will be used to indicate months.

Example: 6 months = 168

Example values accepted (31 days):

- `31`
- `031`
- `0031`

Specifications

- **Request:** Required
- **Data Type:** Integer
- **Data Length:** 4

Mapping Information

- **REST API Field: recurringPaymentInformation.frequency**
- **SCMP API Field: pa_recurring_frequency**
- **Simple Order API Field: payerAuthEnrollService_ recurringFrequency**

payerAuthEnrollService_recurringEndDate

The date after which no further recurring authorizations should be performed.

Format: yyyyMMDD.

Specifications

- **Request:** Required
- **Data Type:** Integer
- **Data Length:** 8

Mapping Information

- **REST API Field: recurringPaymentInformation.endDate**
- **SCMP API Field: pa_recurring_end_date**
- **Simple Order API Field: payerAuthEnrollService_recurringEndDate**

payerAuthEnrollService_recurringOriginalPurchaseDate

Date of original purchase. Required for recurring transactions.

If this field is empty, the current date is used.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 17

Mapping Information

- **REST API Field: recurringPaymentInformation.originalPurchaseDate**
- **SCMP API Field: pa_recurring_original_purchase_date**
- **Simple Order API Field: payerAuthEnrollService_recurringOriginalPurchaseDate**

payerAuthEnrollService_referenceID

Reference ID that corresponds to the device fingerprinting data that was collected previously.

Specifications

- **Field Type:**Request
- **Data Type:** String
- **Data Length:**50

Mapping Information

- **REST API Field: consumerAuthenticationInformation. referenceId**
- **SCMP API Field: pa_reference_id**
- **Simple Order API Field: payerAuthEnrollService_referenceID**

payerAuthEnrollService_reorder

Indicates whether the cardholder is reordering previously purchased merchandise.

This field can contain one of these values:

- `01`: First time ordered
- `02`: Reordered

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.reordered**
- **SCMP API Field: pa_reorder**
- **Simple Order API Field: payerAuthEnrollService_reorder**

payerAuthEnrollService_ requestorInitiatedAuthenticationIndicator

Indicates the type of 3RI request (3-D Secure Integrator Request).

Possible Values:

- `01`: Recurring transaction.
- `02`: Installment transaction.
- `03`: Add card.
- `04`: Maintain card.
- `05`: Account verification.
- `06`: Split/delayed shipment.
- `07`: Top-up.
- `08`: Mail order.
- `09`: Telephone order.
- `10`: Whitelist status check.
- `11`: Other payment.

EMV 3-D Secure version 2.1.0 supports values `01`-`05`. Version 2.2.0 supports values `01`- `11`.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. requestorInitiatedAuthenticationIndicator**
- **SCMP API Field: pa_requestor_initiated_authentication_indicator**
- **Simple Order API Field: payerAuthEnrollService_requestorInitiatedAuthenticationIndicator**

payerAuthEnrollService_returnURL

URL of your return page.

This return URL is added to the step-up JWT and returned in the response of the Payer Authentication enrollment call. Your return URL page serves as a listening URL. Cardinal sends a POST response to your return URL when the bank session completes that contains the completed bank session's transaction ID. Your return page should capture the transaction ID and send it in the Payer Authentication validation call.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2048

Mapping Information

- **REST API Field: consumerAuthenticationInformation. returnUrl**
- **SCMP API Field: pa_return_url**
- **Simple Order API Field: payerAuthEnrollService_returnURL**

payerAuthEnrollService_sdkMaxTimeout

This field indicates the maximum amount of time for all 3-D Secure 2.x messages to be communicated between all components (in minutes).

Possible Values:

- Greater than or equal to `05` (05 is the minimum timeout to set)
- Default is set to `15`

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. sdkMaxTimeout**
- **SCMP API Field: pa_sdk_max_timeout**
- **Simple Order API Field: payerAuthEnrollService_sdkMaxTimeout**

payerAuthEnrollService_ secureCorporatePaymentIndicator

Exemption indicator for a secure corporate payment.

This flag specifies whether the transaction is exempt from strong customer authentication (SCA) requirements in Europe because the payment is a secure corporate payment. Indicates that dedicated payment processes and procedures were used.

Possible values:

- `0` (default): Not exempt.
- `1`: Exempt from SCA requirements because the payment is a secure corporate payment.

Visa Platform Connect

For Mastercard transactions, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 145-146
- Field: Mastercard Low-Risk Merchant Indicator

For transactions with other card types, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR8
- Position: 129
- Field: Secure Corporate Payment Indicator

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Dats Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. strongAuthentication.secureCorporatePaymentIndicator**
- **SCMP API Field: secure_corporate_payment_indicator**
- **Simple Order API Fields:**
  - **ccAuthService_secureCorporatePaymentIndicator**
  - **payerAuthEnrollService_secureCorporatePaymentIndicator**

payerAuthEnrollService_shipAddressUsageDate

Date when the shipping address for this transaction was first used.

This field can contain one of these values:

- `-1`: Guest account
- `0`: First used during this transaction

If neither applies, enter the date in yyyyMMDD format.

Recommended for Discover ProtectBuy.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 8

Mapping Information

- **REST API Field: No correspoinding field.**
- **SCMP API Field: pa_ship_address_usage_date**
- **Simple Order API Field: payerAuthEnrollService_shipAddressUsageDate**

payerAuthEnrollService_totalOffersCount

Total number of items in the order.

This field is supported only for secure transactions in France.

Possible values: `00` - `99`.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.totaloffersCount**
- **SCMP API Field: total_offers_count**
- **Simple Order API Field:**
  - **ccAuthService_totaloffersCount**
  - **payerAuthEnrollService_totalOffersCount**

payerAuthEnrollService_transactionCountDay

Number of transaction (successful or abandoned) for this cardholder account within the past 24 hours.

Recommended for Discover ProtectBuy.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 3

Mapping Information

- **REST API Field: riskInformation.buyerHistory.transactionCountDay**
- **SCMP API Field: pa_transaction_count_day**
- **Simple Order API Field: payerAuthEnrollService_transactionCountDay**

payerAuthEnrollService_transactionCountYear

Number of transactions (successful and abandoned) for this cardholder account within the last year.

Recommended for Discover ProtectBuy.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 3

Mapping Information

- **REST API Field: riskInformation.buyerHistory.transactionCountYear**
- **SCMP API Field: pa_transaction_count_year**
- **Simple Order API Field: payerAuthEnrollService_transactionCountYear**

payerAuthEnrollService_transactionMode

Transaction mode identifier. Identifies the channel from which the transaction originates.

Possible values:

- `M`: MOTO (Mail Order Telephone Order)
- `R`: Retail
- `S`: E-commerce
- `P`: Mobile Device
- `T`: Tablet

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthentication.strongAuthentication.transactionMode**
- **SCMP API Field: pa_transaction_mode**
- **Simple Order API Field: payerAuthEnrollService_transactionMode**

payerAuthEnrollReply_whiteListStatusSource

This field is populated by the system setting Whitelist Status.

Possible values:

- 1: 3-D Secure server.
- 2: Directory server.
- 3: ACS.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. whiteListStatusSource**
- **SCMP API Field: pa_white_list_status_source**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_whiteListStatusSource**
  - **payerAuthValidateReply_whiteListStatusSource**

payerAuthSetupReply_accessToken

JSON Web Token (JWT) used to authenticate the customer with the authentication provider (for example, CardinalCommerce or RuPay).

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2048

Mapping Information

- **REST API Field: consumerAuthenticationInformation. accessToken**
- **SCMP API Field: pa_access_token**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_accessToken**
  - **payerAuthSetupReply_accessToken**

payerAuthSetupReply_deviceDataCollectionURL

Location to send the authentication JSON Web Token (JWT) when you invoke device data collection.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 100

Mapping Information

- **REST API Field: consumerAuthenticationInformation. deviceDataCollectionURL**
- **SCMP API Field: pa_setup_pa_device_data_collection_url**
- **Simple Order API Field: payerAuthSetupReply_deviceDataCollectionURL**

payerAuthSetupReply_referenceID

This identifier indicates that the device data collection session has started.

The value must be passed in the authentication JSON Web Token (JWT) when you invoke device data collection.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: consumerAuthenticationInformation. referenceId**
- **SCMP API Field: pa_setup_pa_reference_id**
- **Simple Order API Field: payerAuthSetupReply_referenceID**

payerAuthValidateReply_acsRenderingType

Identifies the UI type that the ACS will use to complete the challenge.

Available only for mobile application transactions using the Cardinal Mobile SDK.

This field is a JSON object that comprises the following two fields, each two characters long.

- ACS Interface Field Name: **acsInterface** is the ACS interface the challenge presents to the cardholder. Possible values:
  - `01`: Native UI.
  - `02`: HTML UI.
- ACS UI Template Field Name: **acsUiTemplate** identifies the UI template format that the ACS first presents to the consumer. Possible values:
  - `01`: Text.
  - `02`: Single select.
  - `03`: Multi select.
  - `04`: OOB (Out of Band).
  - `05`: HTML other.

Valid values for each interface:

- Native UI: `01-04`.
- HTML UI: `01-05`.

HTML other is valid only when combined with HTML UI. If HTML other is used with Native UI, it results in error=203.

JSON Object Example: `{ "acsRenderingType":{ "acsInterface";"02", "acsUiTemplate":03" } }`

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** See description.

Mapping Information

- **REST API Field: consumerAuthenticationInformation. acsRenderingType**
- **SCMP API Field: pa_acs_rendering_type**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_acsRenderingType**
  - **payerAuthValidateReply_acsRenderingType**

payerAuthValidateReply_acsTransactionID

Unique transaction identifier assigned by the ACS to identify a single transaction.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 36

Mapping Information

- **REST API Field: consumerAuthenticationInformation. acsTransactionId**
- **SCMP API Field: pa_acs_transaction_id**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_acsTransactionID**
  - **payerAuthValidateReply_acsTransactionID**

payerAuthValidateReply_authenticationResult

Raw authentication data that comes from the card-issuing bank.

Primary authentication field that indicates whether authentication was successful and liability shift occurred. You should examine first the result of this field.

This field contains one of these values:

- `-1`: Invalide PARes.
- `0`: Successful validation.
- `1`: Cardholder is not participating, but the attempt to authenticate was recorded.
- `6`: Issuer unable to perform authentication.
- `9`: Cardholder did not complete authentication.

Specifications

- **Field Type:** Response
- **Data Type:** String with numbers only
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. authenticationResult**
- **SCMP API Field: pa_validate_authentication_result**
- **Simple Order API Field: payerAuthValidateReply_authenticationResult**

payerAuthValidateReply_authenticationStatusMessage

Message that explains the **pa_validate_authentication_result** response field.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. authenticationStatusMsg**
- **SCMP API Field: pa_validate_authentication_status_msg**
- **Simple Order API Field: payerAuthValidateReply_authenticationStatusMessage**

payerAuthValidateReply_authenticationStatusReason

Provides additional information about the PARes status value.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. signedParesStatusReason**
- **SCMP API Field: pares_status_reason**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_authenticationStatusReason**
  - **payerAuthValidateReply_authenticationStatusReason**

payerAuthValidateReply_authenticationType

Indicates the type of authentication that is used to challenge the cardholder.

Possible Values:

- `01`: Static.
- `02`: Dynamic.
- `03`: OOB (Out of Band).

> **Important:** EMV 3-D Secure 2.1.0 supports values `01-03`. Version 2.2.0 supports values `01-03`.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. authenticationType**
- **SCMP API Field: pa_authentication_type**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_authenticationType**
  - **payerAuthValidateReply_authenticationType**

payerAuthValidateReply_authorizationPayload

The Base64-encoded JSON payload of authorization values returned in the challenge flow.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. authorizationPayload**
- **SCMP API Field: authorization_payload**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_authorizationPayload**
  - **payerAuthValidateReply_authorizationPayload**

payerAuthValidateReply_cardBin

Eight-digit card issuer bank identification number.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: card_bin**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_cardBin**
  - **payerAuthValidateReply_cardBin**

payerAuthValidateReply_cardTypeName

The card brand name associated with the cardholder's card number.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: card_type_name**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_cardTypeName**
  - **payerAuthValidateReply_cardTypeName**

payerAuthValidateReply_cavv

Unique identifier generated by the card-issuing bank for Visa, American Express, JCB, Diners Club, Discover, China UnionPay, and Elo transactions after the customer is authenticated.

The value is encoded in Base64. When you request the card authorization service, Cybersource automatically converts the value, not the field name, to the format required by your payment processor.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. cavv**
- **SCMP API Field: pa_validate_cavv**
- **Simple Order API Field: payerAuthValidateReply_cavv**

payerAuthValidateReply_cavvAlgorithm

Field that is returned only when the CAVV is generated, which occurs when **pa_validate_pares_status** contains the values `Y` (successful authentication) or `A` (attempted authentication).

This field contains one of these values:

- `2`: Visa, American Express, JCB, Diners Club, Discover, China UnionPay, and Elo.
- `3`: Mastercard.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. cavvAlgorithm**
- **SCMP API Field: pa_validate_cavv_algorithm**
- **Simple Order API Field: payerAuthValidateReply_cavvAlgorithm**

payerAuthValidateReply_challengeCancelCode

Indicates why the transaction was canceled.

Possible values:

- `01`: Cardholder selected Cancel.
- `02`: Reserved for future EMVCo use (values invalid until defined by EMVCo).
- `03`: Transaction timed out—Decoupled Authentication.
- `04`: Transaction timed out at ACS—other timeouts.
- `05`: Transaction timed out at ACS—First CReq not received by ACS.
- `06`: Transaction Error.
- `07`: Unknown.
- `08`: Transaction timed out at SDK.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. challengeCancelCode**
- **SCMP API Field: challenge_cancel_code**
- **Simple Order API Field:**
  - **payer_AuthEnrollReply_challengeCancelCode**
  - **payerAuthValidateReply_challengeCancelCode**

payerAuthValidateReply_commerceIndicator

Indicator used to distinguish types of transactions.

The authentication failed if this field is not returned. For Visa, if your payment processor is Streamline, Barclays, AIBMS, or FDC Germany, you receive the value `vbv_failure` instead of `internet` when **pa_validate_eci** is `07`. The value of this field is passed automatically to the authorization service when you request the services together.

This field contains one of these values:

- `aesk`: American Express SafeKey authentication verified successfully.
- `aesk_attempted`: Card not enrolled in American Express SafeKey, but the attempt to authenticate is recorded.
- `cs`: Elo Compra Segura authentication verified successfully.
- `cs_attempted`: Elo Compra Segura card not enrolled, but attempt to authenticate is recorded.
- `dipb`: Discover ProtectBuy authentication verified successfully.
- `dipb_attempted`: Card not enrolled in Discover ProtectBuy, but the attempt to authenticate is recorded.
- `internet`: Authentication was not verified successfully.
- `js`: J/Secure authentication verified successfully.
- `js_attempted`: Card not enrolled in J/Secure, but the attempt to authenticate is recorded.
- `js_failure`: You receive this result if JCB's directory service is not available. No liability shift.
- `pb`: Diners Club ProtectBuy authentication verified successfully.
- `pb_attempted`: Card not enrolled in Diners Club ProtectBuy, but the attempt to authenticate is recorded.
- `spa`: Mastercard Identity Check authentication verified successfully.
- `spa_failure`: Mastercard Identity Check failed authentication.
- `up3ds`: China UnionPay authentication verified successfully.
- `up3ds_attempted`: China UnionPay card not enrolled, but attempt to authenticate is recorded.
- `up3ds_failure`: China UnionPay authentication unavailable.

- `vbv`: Visa Secure authentication verified successfully.
- `vbv_attempted`: Card not enrolled in Visa Secure, but the attempt to authenticate is recorded.
- `vbv_failure`: Visa Secure authentication unavailable.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. indicator**
- **SCMP API Field: pa_validate_e_commerce_indicator**
- **Simple Order API Field: payerAuthValidateReply_commerceIndicator**

payerAuthValidateReply_directoryServerErrorCode

The directory server error code indicating a problem with the transaction.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 3

Mapping Information

- **REST API Field: consumerAuthenticationInformation. directoryServerErrorCode**
- **SCMP API Field: pa_directory_server_error_code**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_directoryServerErrorCode**
  - **payerAuthValidateReply_directoryServerErrorCode**

payerAuthValidateReply_ directoryServerErrorDescription

Directory server text and additional detail about the error for the transaction.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 4096

Mapping Information

- **REST API Field: consumerAuthenticationInformation. directoryServerErrorDescription**
- **SCMP API Field: pa_directory_server_error_description**
- **Simple Order API Fields:**
  - **payerAuthEnrollReply_directoryServerErrorDescription**
  - **payerAuthValidateReply_directoryServerErrorDescription**

payerAuthValidateReply_directoryServerTransactionID

The directory server transaction ID is generated by the directory server during authentication and returned with the authentication results.

Your card brand might require you to send this field in the authorization service request.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 36

Mapping Information

- **REST API Field: consumerAuthenticationInformation. directoryServerTransactionId**
- **SCMP API Field: pa_validate_directory_server_transaction_id**
- **Simple Order API Field: payerAuthValidateReply_directoryServerTransactionID**

payerAuthValidateReply_eci

Numeric electronic commerce indicator (ECI) returned only for Visa, American Express, JCB, Diners Club, Discover, China UnionPay, and Elo transactions.

The field is absent when authentication fails.You must send this value to your payment processor in the subsequent request for card authorization.

This field contains one of these values:

- `05`: Successful authentication.
- `06`: Authentication attempted.
- `07`: Failed authentication. (No response from the merchant because of a problem.)

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. eci**
- **SCMP API Field: pa_validate_eci**
- **Simple Order API Field: payerAuthValidateReply_eci**

payerAuthValidateReply_eciRaw

ECI value that can be returned for Visa, Mastercard, American Express, JCB, Diners Club, Discover, China UnionPay, and Elo.

The field is absent when authentication fails. If your payment processor is Streamline, you must pass the value of this field instead of the value of **pa_validate_eci** or **pa_validate_ucaf_collection_indicator**.

This field can contain one of these values:

- `01`: Authentication attempted (Mastercard).
- `02`: Successful authentication (Mastercard).
- `05`: Successful authentication (Visa, American Express, JCB, Diners Club, Discover, China UnionPay, and Elo).
- `06`: Authentication attempted (Visa, American Express, JCB, Diners Club, Discover, China UnionPay, and Elo).

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. eciRaw**
- **SCMP API Field: pa_validate_eci_raw**
- **Simple Order API Field: payerAuthValidateReply_eciRaw**

payerAuthValidateReply_effectiveAuthenticationType

The type of 3D Secure transaction flow that occurred.

It can be one of the following:

- `CH`: Challenge.
- `FR`: Frictionless.
- `FD`: Frictionless with delegation (challenge not generated by the issuer but by the scheme on behalf of the issuer).

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. effectiveAuthenticationType**
- **SCMP API Field: effective_authentication_type**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_effectiveAuthenticationType**
  - **payerAuthValidateReply_effectiveAuthenticationType**

payerAuthValidateReply_interactionCounter

Indicates the number of authentication cycles that the cardholder attempted. It is tracked by the issuing bank's ACS.

Example When the customer receives the challenge window, enters their one-time password, and clicks submit, the interaction counter equals 1. When the customer receives the challenge window, receives the bank message asking if they want the one-time password sent to their phone or email, and they choose before going to the next screen to enter their one-time password, the interaction count equals 2. One count is to choose how to have their one-time password delivered. The second count is for entering the one-time password and clicking Submit.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. interactionCounter**
- **SCMP API Field: pa_interaction_counter**
- **Simple Order API Field: payerAuthValidateReply_interactionCounter**

payerAuthValidateReply_paresStatus

Raw result of the authentication check.

This field can contain one of these values:

- `A`: Proof of authentication attempt was generated.
- `N`: Customer failed or canceled authentication. Transaction denied.
- `U`: Authentication not completed regardless of the reason.
- `Y`: Customer was successfully authenticated.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. paresStatus**
- **SCMP API Field: pa_validate_pares_status**
- **Simple Order API Field: payerAuthValidateReply_paresStatus**

payerAuthValidateReply_sdkTransactionID

SDK unique transaction identifier that is generated on each new transaction.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 36

Mapping Information

- **REST API Field: consumerAuthenticationInformation. sdkTransactionId**
- **SCMP API Field: pa_sdk_transaction_id**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_sdkTransactionID**
  - **payerAuthValidateReply_sdkTransactionID**

payerAuthValidateReply_specificationVersion

This field contains the 3-D Secure version that was used to process the transaction. For example, 1.0.2 or 2.0.0.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: consumerAuthenticationInformation. specificationVersion**
- **SCMP API Field: pa_validate_specification_version**
- **Simple Order API Field: payerAuthValidateReply_specificationVersion**

payerAuthValidateReply_threeDSServerTransactionID

Unique transaction identifier assigned by the 3-D Secure server to identify a single transaction.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 36

Mapping Information

- **REST API Field: consumerAuthenticationInformation. threeDSServerTransactionId**
- **SCMP API Field: pa_three_ds_server_transaction_id**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_threeDSServerTransactionID**
  - **payerAuthValidateReply_threeDSServerTransactionID**
  - **ccAuthService_threeDSServerTransactionID**

payerAuthValidateReply_ucafAuthenticationData

AAV is a unique identifier generated by the card-issuing bank for Mastercard Identity Check transactions after the customer is authenticated.

The value is encoded in Base64. Include the data in the card authorization request.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: consumerAuthenticationInformation. ucafAuthenticationData**
- **SCMP API Field: pa_validate_ucaf_authentication_data**
- **Simple Order API Field: payerAuthValidateReply_ucafAuthenticationData**

payerAuthValidateReply_ucafCollectionIndicator

Numeric electronic commerce indicator (ECI) returned only for Mastercard Identity Check transactions.

The field is absent when authentication fails. You must send this value to your payment processor in the request for card authorization.

This field contains one of these values:

- `0`: UCAF collection is not supported at your website. Customer authentication was not completed.
- `1`: UCAF collection is supported at your website, and UCAF was populated. Customer authentication was not completed.
- `2`: UCAF collection is supported at your website, and UCAF was populated. Customer completed authentication.

Specifications

- **Field Type:** Response
- **Data Type:** Non-negative integer
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. ucafCollectionIndicator**
- **SCMP API Field: pa_validate_ucaf_collection_indicator**
- **Simple Order API Field: payerAuthValidateReply_ucafCollectionIndicator**

payerAuthValidateReply_whiteListStatus

Enables the communication of trusted beneficiary and whitelist status among the ACS, the directory server, and the 3-D Secure requester.

Possible values:

- `Y`: 3-D Secure requester is whitelisted by cardholder.
- `N`: 3-D Secure requester is not whitelisted by cardholder.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. whiteListStatus**
- **SCMP API Field: pa_white_list_status**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_whiteListStatus**
  - **payerAuthValidateReply_whiteListStatus**

payerAuthValidateReply_whiteListStatusSource

This field is populated by the system setting Whitelist Status.

Possible values:

- 1: 3-D Secure server.
- 2: Directory server.
- 3: ACS.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: consumerAuthenticationInformation. whiteListStatusSource**
- **SCMP API Field: pa_white_list_status_source**
- **Simple Order API Field:**
  - **payerAuthEnrollReply_whiteListStatusSource**
  - **payerAuthValidateReply_whiteListStatusSource**

payerAuthValidateService_authenticationTransactionID

Payer authentication transaction identifier that links the check enrollment and validate authentication transactions.

Get the value for this field from the **payerAuthEnrollReply_authenticationTransactionID** field in the check enrollment response.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field: consumerAuthenticationInformation. authenticationTransactionId**
- **SCMP API Field: pa_authentication_transaction_id**
- **Simple Order API Fields:**
  - **payerAuthEnrollService_authenticationTransactionID**
  - **payerAuthValidateService_authenticationTransactionID**

payerAuthValidateService_responseAccessToken

JSON Web Token (JWT) returned by the 3-D Secure provider when the authentication is complete.

Specifications

- **Request:** Required
- **Data Type:** String
- **Data Length:** 2048

Mapping Information

- **REST API Field: consumerAuthenticationInformation. responseAccessToken**
- **SCMP API Field: pa_response_access_token**
- **Simple Order API Field: payerAuthValidateService_responseAccessToken**

payerAuthValidateService_signedPARes

Payer authentication result (PARes) message returned by the card-issuing bank.

If you need to show proof of enrollment checking, you might need to decrypt and parse the string for the information required by the payment card company.

> **Important:** The value is in Base64. You must remove all carriage returns and line feeds before adding the PARes to the request.

Specifications

- **Field Type:** Request
- **Data Type:** String

Mapping Information

- **REST API Field: consumerAuthenticationInformation. signedPares**
- **SCMP API Field: pa_signedpares**
- **Simple Order API Field: payerAuthValidateService_signedPARes**

ccAuthReply_paymentInsightsInformation_responseInsig

Provides a categorization code for declined transactions. You can use response categories to help decide if you should retry or block a declined transaction. Payment insight descriptions for each categorization code are in the **ccAuthReply_paymentInsightsInformation_responseInsightsCategory** response field.

This field is supported in all regions except for India.

This field is available starting in version 1.193.

Possible values:

- You cannot retry the following value:
  - `01`: Issuer will never approve this transaction
- For the following values, you can retry the transaction a maximum of 15 times over a period of 30 days:
  - `02`: Issuer cannot approve at this time
  - `03`: Issuer cannot approve with these details
  - `04`: Generic error
  - `97`: Payment insights internal error
  - `98`: Other
  - `99` Payment insights response category match not found

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: paymentInsightsInformation.responseInsights.categoryCode**
- **SCMP API Field: auth_insights_response_category_code**
- **Simple Order API Field: ccAuthReply_paymentInsightsInformation_responseInsightsCategoryCode**

ccAuthReply_paymentInsightsInformation_responseInsig

Provides a description for declined transactions. You can use payment insight descriptions to help decide if you should retry or block a declined transaction. Payment insight categorization codes that correspond to these descriptions are located in the **ccAuthReply_paymentInsightsInformation_responseInsightsCategoryCode** response field.

This field is supported in all regions except for India.

This field is available starting in version 1.193.

Possible values:

- You cannot retry the following value:
  - `ISSUER_WILL_NEVER_APPROVE`
- For the following values, you can retry the transaction a maximum of 15 times over a period of 30 days:
  - `ISSUER_CANNOT_APPROVE_AT_THIS_TIME`
  - `ISSUER_CANNOT_APPROVE_WITH_THESE_DETAILS`: Data quality issue. Revalidate data prior to retrying the transaction.
  - `GENERIC_ERROR`
  - `OTHERS`
  - `PAYMENT_INSIGHTS_INTERNAL_ERROR`
  - `PAYMENT_INSIGHTS_RESPONSE_CATEGORY_MATCH_NOT_FOUND`

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: paymentInsightsInformation.responseInsights.category**
- **SCMP API Field: auth_insights_response_category**
- **Simple Order API Field: ccAuthReply_paymentInsightsInformation_responseInsightsCategory**

paymentAccountReference

Visa-generated reference number that identifies a transaction for which you provided one of the following:

- Visa primary account number (PAN)
- Visa-generated token for a PAN

This reference number provides a link to the cardholder account and to all transactions for that account.

Visa Platform Connect

For transactions with American Express, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR8
- Position: 79-107
- Field: PAR—Payment Account Reference

For Token Management Service transactions, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR8
- Position: 79-110
- Field: Payment Account Reference

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 32

Mapping Information

- **REST API Field: processorInformation.paymentAccountReferenceNumber**
- **SCMP API Field: payment_account_reference**
- **Simple Order API Field: paymentAccountReference**

paymentInitiationChannel

Code that indicates how the account information was obtained.

This field is supported only for Mastercard and American Express on Visa Platform Connect.

Possible values for Mastercard transactions:

- `00` (default): Card
- `01`: Removable secure element that is personalized for use with a mobile phone and controlled by the wireless service provider; examples: subscriber identity module (SIM), and universal integrated circuit card (UICC)
- `02`: Key fob
- `03`: Watch
- `04`: Mobile tag
- `05`: Wristband
- `06`: Mobile phone case or sleeve
- `07`: Mobile phone with a non-removable, secure element that is controlled by the wireless service provider
- `08`: Removable secure element that is personalized for use with a mobile phone and not controlled by the wireless service provider; example: memory card
- `09`: Mobile phone with a non-removable, secure element that is not controlled by the wireless service provider
- `10`: Removable secure element that is personalized for use with a tablet or e-book and is controlled by the wireless service provider; examples: subscriber identity module (SIM), and universal integrated circuit card (UICC)
- `11`: Tablet or e-book with a non-removable, secure element that is controlled by the wireless service provider
- `12`: Removable secure element that is personalized for use with a tablet or e-book and is not controlled by the wireless service provider
- `13`: Tablet or e-book with a non-removable, secure element that is not controlled by the wireless service provider

Possible values for American Express transactions:

- `AC`: mPOS accessory/dongle with contact and contactless interfaces, with or without PIN pad
- `AS`: mPOS accessory/dongle with contact and contactless interfaces and PIN on glass support (for example, a Secure Card Reader for PIN combined with a software-based PIN on commercial off-the-shelf (COTS) hardware)
- `CC`: Contactless payment on COTS (CPoC)—mobile device based contactless only mPOS without PIN support
- `CS`: CPoC—mobile device-based contactless-only mPOS with PIN on glass support

The value for this field corresponds to the following data in the TC 33 capture file for American Express transactions:

- Record: CP01-TCRB
- Position: 79-80
- Field: American Express Mobile Device Type

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: paymentInformation.initiationChannel**
- **SCMP API Field: payment_initiation_channel**
- **Simple Order API Field: paymentInitiationChannel**

paymentNetworkToken_accountStatus

Status of the account.

This field is returned only for Visa Platform Connect.

Possible values:

- `N`: Nonregulated
- `R`: Regulated

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.accountStatus**
- **SCMP API Field: payment_network_token_account_status**
- **Simple Order API Field: paymentNetworkToken_accountStatus**

paymentNetworkToken_assuranceLevel (Request)

Confidence level of the tokenization.

> **Important:** This field will be deprecated for Visa Platform Connect in the near future. For Visa Platform Connect only, use the **paymentNetworkToken_assuranceMethod** request field instead.

This value is assigned by the token service provider.

Apple Pay, Authorizations with Payment Network Tokens, Google Pay, and Samsung Pay: This field is supported for FDC Compass and Visa Platform Connect only.

PIN Debit Processing: This field is supported for Visa Platform Connect only.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Length:** 3

Mapping Information

- **REST API Field: paymentInformation.tokenizedCard.assuranceLevel**
- **SCMP API Field: payment_network_token_assurance_level**
- **Simple Order API Field: paymentNetworkToken_assuranceLevel**

paymentNetworkToken_assuranceLevel (Response)

Confidence level of the tokenization.

> **Important:** This field will be deprecated for Visa Platform Connect in the near future. For Visa Platform Connect only, use the **paymentNetworkToken_assuranceMethod** response field instead.

Apple Pay, Authorizations with Payment Network Tokens, Google Pay, and Samsung Pay: This field is supported for FDC Compass and Visa Platform Connect only.

PIN Debit Processing: This field is supported for Visa Platform Connect only.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: paymentInformation.tokenizedCard.assuranceLevel**
- **SCMP API Field: payment_network_token_assurance_level**
- **Simple Order API Field: paymentNetworkToken_assuranceLevel**

paymentNetworkToken_assuranceMethod (Request)

Confidence level of the tokenization that is specified by the method used to verify the account or authenticate the cardholder.

This value is assigned by the token service provider.

Possible values:

- `00`: No issuer identity and verification (ID&V).
- `10`: Card issuer account verification.
- `11`: Card issuer interactive, single-factor cardholder authentication.
- `12`: Card issuer interactive, two-factor cardholder authentication.
- `13`: Card issuer risk-oriented, non-interactive cardholder authentication.
- `14`: Card issuer asserted authentication.

Apple Pay, Authorizations with Payment Network Tokens, Google Pay, PIN Debit Processing, and Samsung Pay: this field is supported for Visa Platform Connect only.

> **Important:** This field replaces the **paymentNetworkToken_assuranceLevel** request field that will be deprecated for Visa Platform Connect in the near future.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Length:** 3

Mapping Information

- **REST API Field: paymentInformation.tokenizedCard.assuranceMethod**
- **SCMP API Field: payment_network_token_assurance_method**
- **Simple Order API Field: paymentNetworkToken_assuranceMethod**

paymentNetworkToken_assuranceMethod (Response)

Confidence level of the tokenization that is specified by the method used to verify the account or authenticate the cardholder.

Possible values:

- `00`: No issuer identity and verification (ID&V).
- `10`: Card issuer account verification.
- `11`: Card issuer interactive, single-factor cardholder authentication.
- `12`: Card issuer interactive, two-factor cardholder authentication.
- `13`: Card issuer risk-oriented, non-interactive cardholder authentication.
- `14`: Card issuer asserted authentication.

Apple Pay, Authorizations with Payment Network Tokens, Google Pay, PIN Debit Processing, and Samsung Pay: this field is supported for Visa Platform Connect only.

> **Important:** This field replaces the **paymentNetworkToken_assuranceLevel** response field that will be deprecated for Visa Platform Connect in the near future.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: paymentInformation.tokenizedCard.assuranceMethod**
- **SCMP API Field: payment_network_token_assurance_method**
- **Simple Order API Field: paymentNetworkToken_assuranceMethod**

paymentNetworkToken_deviceTechType

Type of technology used in the device to store token data.

This field is supported only for FDC Compass.

Possible values:

- `001`: Secure Element (SE). Smart card or memory with restricted access and encryption to prevent data tampering. For storing payment credentials, an SE is tested against a set of requirements defined by the payment networks.
- `002`: Host card emulation (HCE). Emulation of a smart card by using software to create a virtual and exact representation of the card. Sensitive data is stored in a database that is hosted in the cloud. For storing payment credentials, a database must meet very stringent security requirements that exceed PCI DSS.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 3

Mapping Information

- **REST API Field: paymentInformation.tokenizedCard.storageMethod**
- **SCMP API Field: payment_network_token_device_tech_type**
- **Simple Order API Field: paymentNetworkToken_deviceTechType**

paymentNetworkToken_originalCardCategory

Mastercard product ID associated with the primary account number (PAN).

This field is returned only for Mastercard transactions on Visa Platform Connect.

For the possible values available for this field, refer to Mastercard Product IDs in the Payment Services developer guide.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.category**
- **SCMP API Field: payment_network_token_original_card_category**
- **Simple Order API Field: paymentNetworkToken_originalCardCategory**

paymentNetworkToken_requestorID (Request)

Value that identifies your business and indicates that the cardholder's account number is tokenized.

This value is assigned by the token service provider and is unique within the token service provider's database.

This field is supported only for Chase Paymentech Solutions, FDC Nashville Global, and Visa Platform Connect.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 11

Mapping Information

- **REST API Field: paymentInformation.tokenizedCard.requestorId**
- **SCMP API Field: payment_network_token_requestor_id**
- **Simple Order API Field: paymentNetworkToken_requestorID**

paymentNetworkToken_requestorID (Response)

Value that identifies your business and indicates that the cardholder's account number is tokenized.

This value is assigned by the token service provider and is unique within the token service provider's database.

This value is returned only if the processor provides it.

This field is returned only for FDC Nashville Global and Visa Platform Connect.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 11

Mapping Information

- **REST API Field: paymentInformation.tokenizedCard.requestorId**
- **SCMP API Field: payment_network_token_requestor_id**
- **Simple Order API Field: paymentNetworkToken_requestorID**

paymentNetworkToken_transactionType

Type of transaction that provided the payment network token data.

This value does not specify the token service provider. It specifies the entity that provided you with information about the token.

Possible values:

- `1`: In-app transaction. For Apple Pay, Google Pay, RuPay seamless flow, Samsung Pay, and Visa Safe Click (VSC).
- `2`: Near-field communication (NFC) transaction. The customer's mobile device provided the token data for a contactless EMV transaction. For recurring transactions, use this value if the original transaction was a contactless EMV transaction.
- `3`: A transaction using stored customer credentials on Visa Platform Connect, whether for merchant-initiated transactions (MITs) or customer-initiated transactions (CITs).

For Google Pay transactions, this field is used only for merchant-initiated transactions on Elavon Americas.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: paymentInformation.tokenizedCard.transactionType**
- **SCMP API Field: payment_network_token_transaction_type**
- **Simple Order API Field: paymentNetworkToken_transactionType**

paymentNetworkTransactionInformation

Information from the Discover network.

This field is supported only for industry-practice merchant-initiated token transaction with Discover or Diners Club on Visa Platform Connect.

Set the value for this field to the value for the **ccAuthReply_paymentNetworkTransactionID** field that was in the response message when you obtained the customer's credentials.

When you use this field, you must also include the **ccAuthService_cardReferenceData** field.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 29

Mapping Information

- **REST API Field: issuerInformation.transactionInformation**
- **SCMP API Field: payment_network_transaction_information**
- **Simple Order API Field: paymentNetworkTransactionInformation**

paymentSolution

Type of payment solution that is being used for the transaction.

This unique ID distinguishes digital payment solution transactions and authorizations with payment network tokens on the Cybersource platform for reporting purposes.

Possible values:

- `001`: Apple Pay
- `012`: Google Pay
- `008`: Samsung Pay
- `014`: Mastercard credential-on-file (COF) payment network token. Returned in authorizations that use a payment network token associated with a TMS token.
- `015`: Visa credential-on-file (COF) payment network token. Returned in authorizations that use a payment network token associated with a TMS token.
- `visacheckout`: Visa Click to Pay.

Specifications

- **Apple Pay, Google Pay, Samsung Pay, Visa payment network tokens, and Mastercard payment network tokens:**
  - **Field Type:** Request and Response
  - **Data Type:** String
  - **Data Length:** 3
- **Visa Click to Pay:**
  - **Field Type:** Request
  - **Data Type:** String
  - **Data Length:** 12

Mapping Information

- **REST API Field: processingInformation.paymentSolution**
- **SCMP API Field: payment_solution**
- **Simple Order API Field: paymentSolution**

personalID_number

Identifier for the customer.

This field is supported only on Cielo 3.0 and Credit Mutuel-CIC.

Cielo 3.0

Set this field to the Cadastro Nacional da Pessoa Jurídica (CNPJ) or Cadastro de Pessoas Fisicas (CPF).

Comercio Latino

Set this field to the Cadastro de Pessoas Fisicas (CPF).

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 18

Mapping Information

- **REST API Field: buyerInformation.personalIdentification[].id** and **buyerInformation.personalIdentification[].type**
- **SCMP API Field: personal_id**
- **Simple Order API Field: personalID_number**

personalID_type

Type of value used for the **personalID_number** field.

This field is supported only on Cielo 3.0.

Possible values:

- BR_CNPJ: Cadastro Nacional da Pessoa Jurídica (CNPJ).
- BR_CPF: Cadastro de Pessoas Fisicas (CPF).

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 7

Mapping Information

- **REST API Field: buyerInformation.personalIdentification[].type**
- **SCMP API Field: personal_id_type**
- **Simple Order API Field: personalID_type**

pinDataEncryptedPIN

Encrypted PIN.

This value is provided by the client software that is installed on the POS terminal.

This field is supported only for Cybersource integrations and only for processors that support chip and online PIN transactions.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 16

Mapping Information

- **REST API Field: pointOfSaleInformation.encryptedPin**
- **SCMP API Field: pin_data_encrypted_pin**
- **Simple Order API Field: pinDataEncryptedPIN**

pinDataKeySerialNumber

Combination of the POS terminal's unique identifier and a transaction counter that is used when decrypting the encrypted PIN.

The entity that injected the PIN encryption keys into the terminal decrypts the encrypted PIN and creates this value.

For all terminals that are using derived unique key per transaction (DUKPT) encryption, this is generated as a single number within the terminal.

This field is supported only for Cybersource integrations and only for processors that support chip and online PIN transactions.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field: pointOfSaleInformation.encryptedKeySerialNumber**
- **SCMP API Field: pin_data_key_serial_number**
- **Simple Order API Field: pinDataKeySerialNumber**

pinDataPINblockEncodingFormat

Format that is used to encode the PIN block.

This value is provided by the client software that is installed on the POS terminal.

Possible values:

- `0`: ISO 9564 format 0
- `1`: ISO 9564 format 1
- `2`: ISO 9564 format 2
- `3`: ISO 9564 format 3

This field is supported only for Cybersource integrations and only for processors that support chip and online PIN transactions.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 1

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: pin_data_pin_block_encoding_format**
- **Simple Order API Field: pinDataPINblockEncodingFormat**

pinDebitCreditReply_amount

Amount that was credited to the cardholder's account.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: creditAmountDetails.creditAmount**
- **SCMP API Field: pin_debit_credit_auth_amount**
- **Simple Order API Field: pinDebitCreditReply_amount**

pinDebitCreditReply_authorizationCode

Authorization code that is returned by the processor.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: processorInformation.approvalCode**
- **SCMP API Field: pin_debit_credit_authorization_code**
- **Simple Order API Field: pinDebitCreditReply_authorizationCode**

pinDebitCreditReply_dateTime

Time when the PIN debit credit was requested.

Format: yyyy-MM-DDThhmmssZ

Example: 2014-08-11T224757Z is equal to August 11, 2014, at 10:47:57 P.M.

The T separates the date and the time. The Z indicates UTC.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field: submitTimeUtc**
- **SCMP API Field: pin_debit_credit_time**
- **Simple Order API Field: pinDebitCreditReply_dateTime**

pinDebitCreditReply_networkCode

Network that was used to route the transaction.

Possible values:

Network	Code
Accel	E
AFFN	U
Alaska Option	3
CU24	C
Interlink	G
Maestro	8
NETS	P
NYCE	F
Pulse	H
Shazam	7
Star	M
Visa	V

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: processorInformation.routing.network**
- **SCMP API Field: pin_debit_credit_network_code**
- **Simple Order API Field: pinDebitCreditReply_networkCode**

pinDebitCreditReply_processorResponse

Response value that is returned by the processor or bank.

> **Important:** Do not use this field to evaluate the results of the transaction request.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: processorInformation.responseCode**
- **SCMP API Field: pin_debit_credit_processor_response**
- **Simple Order API Field: pinDebitCreditReply_processorResponse**

pinDebitCreditReply_reasonCode

Value that indicates the result of the PIN debit credit request.

Related Information

Reason Codes

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: pinDebitCreditReply_reasonCode**

pinDebitCreditReply_reconciliationID

Reference number for the transaction.

Refer to the Getting Started with Cybersource Advanced guide for information about order tracking and reconciliation.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: reconciliationId**
- **SCMP API Field: pin_debit_credit_trans_ref_no**
- **Simple Order API Field: pinDebitCreditReply_reconciliationID**

pinDebitCreditReply_transactionID

Transaction identifier generated by the processor.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 15

Mapping Information

- **REST API Field: clientReferenceInformation.transactionId**
- **SCMP API Field: pin_debit_credit_transaction_id**
- **Simple Order API Field: pinDebitCreditReply_transactionID**

pinDebitCreditService_commerceIndicator

Type of transaction.

Some payment card companies use this information when determining discount rates.

Possible Values for the Authorization Service:

E-Commerce Indicator Values

Value	Description
`5`	Secure e-commerce transaction with a credential-on-file (COF) token. Include **ccAuthService_networkTokenCryptogram** in the authorization request.
`aesk`	American Express SafeKey authentication was successful.
`aesk attempted`	American Express SafeKey authentication was attempted but did not succeed.
`dipb`	Discover card type.
`install`	Installment payment. For merchant-initiated transactions on Visa Platform Connect with Mastercard in India or with an India-issued card, the `install` value is used for the installment payment scenario and for unscheduled credentials-on-file transactions.
`install_internet`	Non-U.S. e-commerce (Internet) installment payment. This value is not supported on all processors.
`internet`	Default value for authorizations. E-commerce order placed from a website. On Ingenico ePayments, this value is supported only for Cartes Bancaires.
`js`	JCB J/Secure authentication was successful.
`js_attempted`	JCB J/Secure authentication was attempted but did not succeed.
`moto`	Mail order or telephone order. On Ingenico ePayments, this value is supported only for Cartes Bancaires.
`moto_cc`	Mail order or telephone order from a call center. This value is available only on gateways in Asia, the Middle East, and Africa. Contact your Customer Support representative for details.
`pb`	ProtectBuy authentication was successful.
`pb_attempted`	ProtectBuy authentication was attempted but did not succeed.
`recurring`	Recurring payment that is a U.S. transaction or non-U.S. mail order/telephone order (MOTO) transaction. For merchant-initiated transactions on Visa Platform Connect with Mastercard in India or with an India-issued card, the `recurring` value is used for the recurring payment scenario.

E-Commerce Indicator Values (continued)

Value	Description
`recurring_internet`	Recurring payment that is a non-U.S. e-commerce (Internet) transaction.
`retail`	Card-present transaction.
`rpy`	RuPay PaySecure authentication was successful.
`spa`	• For Mastercard Identity Check: Authentication was successful or was attempted but did not succeed. The e-commerce indicator for all Mastercard Identity Check transactions, including authentication attempts, must be set to `spa`. Otherwise, the transactions are processed as non-identity check transactions. • For secure transactions in France: Successful authentication for a Mastercard card or a Cartes Bancaires card that is co-badged with Mastercard.
`spa_failure`	• For Mastercard Identity Check: Authentication failed. • For secure transactions in France: Authentication failure for a Mastercard card or a Cartes Bancaires card that is co-badged with Mastercard.
`up3ds`	For secure transactions for China UnionPay: Authentication was successful for a China UnionPay domestic debit card.
`up3ds_attempted`	For secure transactions for China UnionPay: Authentication was attempted but did not succeed for a China UnionPay domestic debit card.
`up3ds_failure`	For secure transactions for China UnionPay domestic debit cards: Authentication failed for a China UnionPay domestic debit card.
`vbv`	• For Visa Secure: Authentication was successful. • For secure transactions in France: Successful authentication for a Visa card or a Cartes Bancaires card that is co-badged with Visa.
`vbv_attempted`	• For Visa Secure: Authentication was attempted but did not succeed. • For secure transactions in France: Authentication was attempted for a Visa card or a Cartes Bancaires card that is co-badged with Visa.
`vbv_failure`	• For Visa Secure: Authentication failed. • For secure transactions in France: Authentication failure for a Visa card or a Cartes Bancaires card that is co-badged with Visa.

Possible Values for the Credit Service:

- `internet`: E-commerce order placed through a website. On Ingenico ePayments, this value is supported only for Cartes Bancaires.
- `moto`: Mail order or telephone order. Not supported on Cielo or UATP. On Ingenico ePayments, this value is supported only for Cartes Bancaires. On Barclays, this value is not permitted for Mestro International cards.
- `recurring`: Recurring payment that is a U.S. transaction or non-U.S. MOTO transaction. On Barclays, this value is not permitted for Mestro International cards.
- `recurring_internet`: Recurring payment that is a non-U.S. e-commerce (Internet) transaction.

Apple Pay

For the merchant decryption method, one of these values is required: `aesk`, `dipb`, `internet`, `spa`, `vbv`.

Ingenico ePayments

When you omit this field on Ingenico ePayments, the processor uses the default transaction type that they have on file for you.

Card-Present Transactions

For a card-present transaction, you must set this field to `retail`.

Payer Authentication

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthValidateReply_commerceIndicator** response field.

Payouts

For Barclays, the value for an account funding transaction (AFT) can be one of these indicators:

- `internet`—For a transaction that does not use 3-D Secure.
- `vbv` or `vbv_attempted`—For a transaction that uses 3-D Secure.

For Chase Paymentech Solutions, the value for an account funding transaction (AFT) and original credit transaction (OCT) is `internet`.

For FDC Compass and Visa Platform Connect, the value for an original credit transaction (OCT) is `internet`.

PIN Debit Transactions

For a PIN debit transaction, you must set this field to `retail`.

Samsung Pay

For the merchant decryption method, one of these values is required: `aesk`, `internet`, `spa`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - Account funding transaction (AFT): 20
  - Card-not-present transaction: 20
  - Card-present transaction: 20
  - Original credit transaction (OCT): 13
  - PIN debit transaction: 13

Mapping Information

- **REST API Field: processingInformation.commerceIndicator**
- **SCMP API Field: e_commerce_indicator**
- **Simple Order API Fields:**
  - **ccAuthService_commerceIndicator**
  - **ccCreditService_commerceIndicator**
  - **octService_commerceIndicator**
  - **pinDebitCreditService_commerceIndicator**
  - **pinDebitPurchaseService_commerceIndicator**

pinDebitCreditService_ebtCategory

Flag that specifies the category for the EBT transaction.

Possible values:

- `cash`: Cash benefits, which can be used to purchase any item at a participating retailer, as well as to obtain cash-back or make a cash withdrawal from a participating ATM.
- `food`: Food stamp benefits, which can be used only to purchase food items authorized by the USDA SNAP program.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: processingInformation.electronicBeniftsTransfer.category**
- **SCMP API Field: pin_debit_ebt_category**
- **Simple Order API Fields:**
  - **pinDebitPurchaseService_ebtCategory**
  - **pinDebitCreditService_ebtCategory**

pinDebitCreditService_networkOrder

Priority order of the networks through which the transaction will be routed.

Important: This field is supported only for businesses located in the U.S.

Set this value to a series of one-character network codes in your preferred order:

Network	Code
Accel	E
AFFN	U
Alaska Option	3
CU24	C
Interlink	G
Maestro	8
NETS	P
NYCE	F
Pulse	H
Shazam	7
Star	M
Visa	V

For example, if the Star network is your first preference and Pulse is your second preference, set this field to a value of `MH`.

When you do not include this value in your PIN debit request, Cybersource uses the list of network codes from your account.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 30

Mapping Information

- **REST API Field: processingInformation.networkRoutingOrder**
- **SCMP API Field: network_order**
- **Simple Order API Fields:**
  - **pinDebitCreditService_networkOrder**
  - **pinDebitPurchaseService_networkOrder**

pinDebitCreditService_overridePaymentMethod

Flag that specifies the type of account associated with the card.

The cardholder provides this information during the payment process.

Possible values:

- `CH`: Checking account
- `CR`: Credit card account
- `SA`: Savings account

This field is required for transactions with Brazilian-issued cards.

Combo cards in Brazil contain credit and debit functionality in a single card. Visa systems use a credit bank identification number (BIN) for this type of card. Using the BIN to determine whether a card is debit or credit can cause transactions with these cards to be processed incorrectly. It is strongly recommended that you include this field for combo card transactions.

Cielo and Comercio Latino for Credit Card Transactions

On these processors, this field is supported only for authorizations. Possible values:

- `CR`: Credit card
- `DB`: Debit card

Visa Platform Connect for Credit Card Transactions

For combo card transactions with Mastercard in Brazil, the **card_usage** field is also supported.

Possible values:

- `CH`: Checking account
- `CR`: Credit card account
- `LI`: Line of credit or credit portion of combo card
- `PP`: Prepaid card or prepaid portion of combo card
- `SA`: Savings account

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR0
- Positions: 42-43
- Field: Account Selection

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Fields:**
  - **paymentInformation.card.useAs**
  - **paymentInformation.card.sourceAccountType**
- **SCMP API Field: override_payment_method**
- **Simple Order API Fields:**
  - **ccAuthService_overridePaymentMethod**
  - **ccCreditService_overridePaymentMethod**
  - **pinDebitCreditService_overridePaymentMethod**

pinDebitCreditService_paymentType

Flag that indicates that this transaction is an EBT transaction.

Possible value: `EBT`

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: processingInformation.purchaseOptions.isElectronicBenefitsTransfer**
- **SCMP API Field: pin_debit_payment_type**
- **Simple Order API Fields:**
  - **pinDebitCreditService_paymentType**
  - **pinDebitPurchaseService_paymentType**

pinDebitCreditService_run

Flag that indicates whether you are including the PIN debit credit service in your request.

Possible values:

- `true`: The service is included in your request.
- `false` (default): The service is not included in your request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: pinDebitCreditService_run**

pinDebitPurchaseReply_accountBalance

Remaining balance on the prepaid card.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.balanceAmount**
- **SCMP API Field: pin_debit_purchase_auth_amount**
- **Simple Order API Field: pinDebitPurchaseReply_accountBalance**

pinDebitPurchaseReply_accountBalanceCurrency

Currency of the remaining balance on the prepaid card.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.currency**
- **SCMP API Field: pin_debit_purchase_account_balance_currency**
- **Simple Order API Field: pinDebitPurchaseReply_accountBalanceCurrency**

pinDebitPurchaseReply_accountBalanceSign

Sign for the remaining balance on the prepaid card.

Returned only when the processor returns this value.

Possible values:

- Positive
- Negative

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.balanceSign**
- **SCMP API Field: pin_debit_purchase_account_balance_sign**
- **Simple Order API Field: pinDebitPurchaseReply_accountBalanceSign**

pinDebitPurchaseReply_accountType

Type of account.

This value is returned only if you requested a balance inquiry.

Possible values:

- `00:` Not applicable or not specified
- `10:` Savings account
- `20:` Checking account
- `40:` Universal account
- `96:` Cash benefits account
- `98:` Food stamp account

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.accountType**
- **SCMP API Field: pin_debit_purchase_account_type**
- **Simple Order API Field: pinDebitPurchaseReply_accountType**

pinDebitPurchaseReply_amount

Amount of the purchase.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.amountDetails.authorizedAmount**
- **SCMP API Field: pin_debit_purchase_auth_amount**
- **Simple Order API Field: pinDebitPurchaseReply_amount**

pinDebitPurchaseReply_amountType

Type of amount.

This value is returned only if you requested a balance inquiry.

The issuer determines the value that is returned.

Possible values:

- `00:` Current ledger (posted) balance.
- `02:` Current available balance, which is typically the ledger balance less outstanding authorizations. Some depository institutions also include pending deposits and the credit or overdraft line associated with the account.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: paymentInformation.accountFeatures.balanceAmountType**
- **SCMP API Field: pin_debit_purchase_amount_type**
- **Simple Order API Field: pinDebitPurchaseReply_amountType**

pinDebitPurchaseReply_authorizationCode (Response)

Authorization code that is returned by the processor.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: processorInformation.approvalCode**
- **SCMP API Field: pin_debit_purchase_authorization_code**
- **Simple Order API Field: pinDebitPurchaseReply_authorizationCode**

pinDebitPurchaseReply_dateTime

Time when the PIN debit credit was requested.

Format: yyyy-MM-DDThhmmssZ

Example: 2014-08-11T224757Z is equal to August 11, 2014, at 10:47:57 P.M.

The T separates the date and the time. The Z indicates UTC.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field: submitTimeUtc**
- **SCMP API Field: pin_debit_purchase_time**
- **Simple Order API Field: pinDebitPurchaseReply_dateTime**

pinDebitPurchaseReply_networkCode

Network that was used to route the transaction.

Possible values:

Network	Code
Accel	E
AFFN	U
Alaska Option	3
CU24	C
Interlink	G
Maestro	8
NETS	P
NYCE	F
Pulse	H
Shazam	7
Star	M
Visa	V

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: processorInformation.routing.network**
- **SCMP API Field: pin_debit_purchase_network_code**
- **Simple Order API Field: pinDebitPurchaseReply_networkCode**

pinDebitPurchaseReply_processorResponse

Response value that is returned by the processor or bank.

> **Important:** Do not use this field to evaluate the results of the transaction request.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: processorInformation.responseCode**
- **SCMP API Field: pin_debit_purchase_processor_response**
- **Simple Order API Field: pinDebitPurchaseReply_processorResponse**

pinDebitPurchaseReply_reasonCode

Value that indicates the result of the PIN debit purchase request.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: pinDebitPurchaseReply_reasonCode**

pinDebitPurchaseReply_reconciliationID

Reference number for the transaction.

Refer to the *Getting Started* guide (see Related Informaiton below) for information about order tracking and reconciliation.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: reconciliationId**
- **SCMP API Field: pin_debit_purchase_trans_ref_no**
- **Simple Order API Field: pinDebitPurchaseReply_reconciliationID**

pinDebitPurchaseReply_requestAmount

Amount you requested for the PIN debit purchase.

This value is returned for partial authorizations.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.amountDetails.totalAmount**
- **SCMP API Field: pin_debit_purchase_request_amount**
- **Simple Order API Field: pinDebitPurchaseReply_requestAmount**

pinDebitPurchaseReply_requestCurrency

Currency for the amount you requested for the PIN debit purchase.

This value is returned for partial authorizations.

Refer to *ISO Standard Currency Codes* for possible values.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: orderInformation.amountDetails.currency**
- **SCMP API Field: pin_debit_purchase_request_currency**
- **Simple Order API Field: pinDebitPurchaseReply_requestCurrency**

pinDebitPurchaseReply_transactionID

Transaction identifier generated by the processor.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 15

Mapping Information

- **REST API Field: processorInformation.transactionId**
- **SCMP API Field: pin_debit_purchase_transaction_id**
- **Simple Order API Field: pinDebitPurchaseReply_transactionID**

pinDebitPurchaseService_authorizationCode

Authorization code for an EBT voucher transaction.

This code is provided by the issuer to you over the phone.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.verbalAuthCode**
- **SCMP API Field: pin_debit_purchase_authorization_code**
- **Simple Order API Field: pinDebitPurchaseService_authorizationCode**

pinDebitPurchaseService_commerceIndicator

Type of transaction.

Some payment card companies use this information when determining discount rates.

Possible Values for the Authorization Service:

E-Commerce Indicator Values

Value	Description
`5`	Secure e-commerce transaction with a credential-on-file (COF) token. Include **ccAuthService_networkTokenCryptogram** in the authorization request.
`aesk`	American Express SafeKey authentication was successful.
`aesk attempted`	American Express SafeKey authentication was attempted but did not succeed.
`dipb`	Discover card type.
`install`	Installment payment. For merchant-initiated transactions on Visa Platform Connect with Mastercard in India or with an India-issued card, the `install` value is used for the installment payment scenario and for unscheduled credentials-on-file transactions.
`install_internet`	Non-U.S. e-commerce (Internet) installment payment. This value is not supported on all processors.
`internet`	Default value for authorizations. E-commerce order placed from a website. On Ingenico ePayments, this value is supported only for Cartes Bancaires.
`js`	JCB J/Secure authentication was successful.
`js_attempted`	JCB J/Secure authentication was attempted but did not succeed.
`moto`	Mail order or telephone order. On Ingenico ePayments, this value is supported only for Cartes Bancaires.
`moto_cc`	Mail order or telephone order from a call center. This value is available only on gateways in Asia, the Middle East, and Africa. Contact your Customer Support representative for details.
`pb`	ProtectBuy authentication was successful.
`pb_attempted`	ProtectBuy authentication was attempted but did not succeed.
`recurring`	Recurring payment that is a U.S. transaction or non-U.S. mail order/telephone order (MOTO) transaction. For merchant-initiated transactions on Visa Platform Connect with Mastercard in India or with an India-issued card, the `recurring` value is used for the recurring payment scenario.

E-Commerce Indicator Values (continued)

Value	Description
`recurring_internet`	Recurring payment that is a non-U.S. e-commerce (Internet) transaction.
`retail`	Card-present transaction.
`rpy`	RuPay PaySecure authentication was successful.
`spa`	• For Mastercard Identity Check: Authentication was successful or was attempted but did not succeed. The e-commerce indicator for all Mastercard Identity Check transactions, including authentication attempts, must be set to `spa`. Otherwise, the transactions are processed as non-identity check transactions. • For secure transactions in France: Successful authentication for a Mastercard card or a Cartes Bancaires card that is co-badged with Mastercard.
`spa_failure`	• For Mastercard Identity Check: Authentication failed. • For secure transactions in France: Authentication failure for a Mastercard card or a Cartes Bancaires card that is co-badged with Mastercard.
`up3ds`	For secure transactions for China UnionPay: Authentication was successful for a China UnionPay domestic debit card.
`up3ds_attempted`	For secure transactions for China UnionPay: Authentication was attempted but did not succeed for a China UnionPay domestic debit card.
`up3ds_failure`	For secure transactions for China UnionPay domestic debit cards: Authentication failed for a China UnionPay domestic debit card.
`vbv`	• For Visa Secure: Authentication was successful. • For secure transactions in France: Successful authentication for a Visa card or a Cartes Bancaires card that is co-badged with Visa.
`vbv_attempted`	• For Visa Secure: Authentication was attempted but did not succeed. • For secure transactions in France: Authentication was attempted for a Visa card or a Cartes Bancaires card that is co-badged with Visa.
`vbv_failure`	• For Visa Secure: Authentication failed. • For secure transactions in France: Authentication failure for a Visa card or a Cartes Bancaires card that is co-badged with Visa.

Possible Values for the Credit Service:

- `internet`: E-commerce order placed through a website. On Ingenico ePayments, this value is supported only for Cartes Bancaires.
- `moto`: Mail order or telephone order. Not supported on Cielo or UATP. On Ingenico ePayments, this value is supported only for Cartes Bancaires. On Barclays, this value is not permitted for Mestro International cards.
- `recurring`: Recurring payment that is a U.S. transaction or non-U.S. MOTO transaction. On Barclays, this value is not permitted for Mestro International cards.
- `recurring_internet`: Recurring payment that is a non-U.S. e-commerce (Internet) transaction.

Apple Pay

For the merchant decryption method, one of these values is required: `aesk`, `dipb`, `internet`, `spa`, `vbv`.

Ingenico ePayments

When you omit this field on Ingenico ePayments, the processor uses the default transaction type that they have on file for you.

Card-Present Transactions

For a card-present transaction, you must set this field to `retail`.

Payer Authentication

When you request the payer authentication and authorization services separately, get the value for this field from the **payerAuthValidateReply_commerceIndicator** response field.

Payouts

For Barclays, the value for an account funding transaction (AFT) can be one of these indicators:

- `internet`—For a transaction that does not use 3-D Secure.
- `vbv` or `vbv_attempted`—For a transaction that uses 3-D Secure.

For Chase Paymentech Solutions, the value for an account funding transaction (AFT) and original credit transaction (OCT) is `internet`.

For FDC Compass and Visa Platform Connect, the value for an original credit transaction (OCT) is `internet`.

PIN Debit Transactions

For a PIN debit transaction, you must set this field to `retail`.

Samsung Pay

For the merchant decryption method, one of these values is required: `aesk`, `internet`, `spa`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - Account funding transaction (AFT): 20
  - Card-not-present transaction: 20
  - Card-present transaction: 20
  - Original credit transaction (OCT): 13
  - PIN debit transaction: 13

Mapping Information

- **REST API Field: processingInformation.commerceIndicator**
- **SCMP API Field: e_commerce_indicator**
- **Simple Order API Fields:**
  - **ccAuthService_commerceIndicator**
  - **ccCreditService_commerceIndicator**
  - **octService_commerceIndicator**
  - **pinDebitCreditService_commerceIndicator**
  - **pinDebitPurchaseService_commerceIndicator**

pinDebitPurchaseService_ebtCategory

Flag that specifies the category for the EBT transaction.

Possible values:

- `cash`: Cash benefits, which can be used to purchase any item at a participating retailer, as well as to obtain cash-back or make a cash withdrawal from a participating ATM.
- `food`: Food stamp benefits, which can be used only to purchase food items authorized by the USDA SNAP program.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: processingInformation.electronicBeniftsTransfer.category**
- **SCMP API Field: pin_debit_ebt_category**
- **Simple Order API Fields:**
  - **pinDebitPurchaseService_ebtCategory**
  - **pinDebitCreditService_ebtCategory**

pinDebitPurchaseService_ebtVoucherSerialNumber

The serial number printed on the EBT voucher.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 15

Mapping Information

- **REST API Field: processingInformation.electronicBeniftsTransfer.voucherSerialNumber**
- **SCMP API Field: pin_debit_ebt_voucher_serial_number**
- **Simple Order API Field: pinDebitPurchaseService_ebtVoucherSerialNumber**

pinDebitPurchaseService_networkOrder

Priority order of the networks through which the transaction will be routed.

Important: This field is supported only for businesses located in the U.S.

Set this value to a series of one-character network codes in your preferred order:

Network	Code
Accel	E
AFFN	U
Alaska Option	3
CU24	C
Interlink	G
Maestro	8
NETS	P
NYCE	F
Pulse	H
Shazam	7
Star	M
Visa	V

For example, if the Star network is your first preference and Pulse is your second preference, set this field to a value of `MH`.

When you do not include this value in your PIN debit request, Cybersource uses the list of network codes from your account.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 30

Mapping Information

- **REST API Field: processingInformation.networkRoutingOrder**
- **SCMP API Field: network_order**
- **Simple Order API Fields:**
  - **pinDebitCreditService_networkOrder**
  - **pinDebitPurchaseService_networkOrder**

pinDebitCreditService_overridePaymentMethod

Flag that specifies the type of account associated with the card.

The cardholder provides this information during the payment process.

Possible values:

- `CH`: Checking account
- `CR`: Credit card account
- `SA`: Savings account

This field is required for transactions with Brazilian-issued cards.

Combo cards in Brazil contain credit and debit functionality in a single card. Visa systems use a credit bank identification number (BIN) for this type of card. Using the BIN to determine whether a card is debit or credit can cause transactions with these cards to be processed incorrectly. It is strongly recommended that you include this field for combo card transactions.

Cielo and Comercio Latino for Credit Card Transactions

On these processors, this field is supported only for authorizations. Possible values:

- `CR`: Credit card
- `DB`: Debit card

Visa Platform Connect for Credit Card Transactions

For combo card transactions with Mastercard in Brazil, the **card_usage** field is also supported.

Possible values:

- `CH`: Checking account
- `CR`: Credit card account
- `LI`: Line of credit or credit portion of combo card
- `PP`: Prepaid card or prepaid portion of combo card
- `SA`: Savings account

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR0
- Positions: 42-43
- Field: Account Selection

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Fields:**
  - **paymentInformation.card.useAs**
  - **paymentInformation.card.sourceAccountType**
- **SCMP API Field: override_payment_method**
- **Simple Order API Fields:**
  - **ccAuthService_overridePaymentMethod**
  - **ccCreditService_overridePaymentMethod**
  - **pinDebitCreditService_overridePaymentMethod**

pinDebitPurchaseService_paymentType

Flag that indicates that this transaction is an EBT transaction.

Possible value: `EBT`

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: processingInformation.purchaseOptions.isElectronicBenefitsTransfer**
- **SCMP API Field: pin_debit_payment_type**
- **Simple Order API Fields:**
  - **pinDebitCreditService_paymentType**
  - **pinDebitPurchaseService_paymentType**

pinDebitPurchaseService_run

Flag that indicates whether you are including the PIN debit purchase service in your request.

Possible values:

- `true`: The service is included in your request.
- `false` (default): The service is not included in your request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: pinDebitPurchaseService_run**

pinDebitPurchaseService_transactionType

Flag that indicates an EBT voucher transaction.

Possible value: `verbal`

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: processingInformation.purchaseOptions.type**
- **SCMP API Field: pin_debit_transaction_type**
- **Simple Order API Field: pinDebitPurchaseService_transactionType**

pinDebitPurchaseService_partialAuthIndicator

Flag that indicates whether the transaction is enabled for partial authorization.

When the request includes this field, this value overrides the information in your account.

Possible values:

- `true`: Enable the transaction for partial authorization.
- `false`: Do not enable the transaction for partial authorization.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.partialAuthIndicator**
- **SCMP API Field: pin_debit_purchase_partial_auth_indicator**
- **Simple Order API Field: pinDebitPurchaseService_partialAuthIndicator**

pinDebitReversalReply_amount

Amount of the reversal.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: voidAmountDetails.voidAmount**
- **SCMP API Field: pin_debit_reversal_auth_amount**
- **Simple Order API Field: pinDebitReversalReply_amount**

pinDebitReversalReply_dateTime

Time when the PIN debit reversal was requested.

Format: yyyy-MM-DDThhmmssZ

Example: 2014-08-11T224757Z is equal to August 11, 2014, at 10:47:57 P.M.

The T separates the date and the time. The Z indicates UTC.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 20

Mapping Information

- **REST API Field: submitTimeUtc**
- **SCMP API Field: pin_debit_reversal_time**
- **Simple Order API Field: pinDebitReversalReply_dateTime**

pinDebitReversalReply_processorResponse

Response value that is returned by the processor or bank.

> **Important:** Do not use this field to evaluate the results of the transaction request.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: processorInformation.responseCode**
- **SCMP API Field: pin_debit_reversal_processor_response**
- **Simple Order API Field: pinDebitReversalReply_processorResponse**

pinDebitReversalReply_reasonCode

Value that indicates the result of the PIN debit reversal request.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: pinDebitReversalReply_reasonCode**

pinDebitReversalReply_reconciliationID

Reference number for the transaction.

Refer to the *Getting Started* guide (see Related Informaiton below) for information about order tracking and reconciliation.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: reconciliationId**
- **SCMP API Field: pin_debit_reversal_trans_ref_no**
- **Simple Order API Field: pinDebitReversalReply_reconciliationID**

pinDebitReversalService_pinDebitRequestID

Request ID of the PIN debit purchase or PIN debit credit that you want to reverse.

Your request must include a request ID or a merchant transaction identifier.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: pin_debit_request_id**
- **Simple Order API Field: pinDebitReversalService_pinDebitRequestID**

pinDebitReversalService_run

Flag that indicates whether you are including the PIN debit reversal service in your request.

Possible values:

- `true`: The service is included in your request.
- `false` (default): The service is not included in your request.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: pinDebitReversalService_run**

pos_cardPresent

Indicates whether the card is present at the time of the transaction.

Possible values:

- `N`: Card is not present
- `Y`: Card is present

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: pointOfSaleInformation.cardPresent**
- **SCMP API Field: card_present**
- **Simple Order API Field: pos_cardPresent**

pos_catLevel

Type of cardholder-activated terminal.

Possible values:

- `1`: Automated dispensing machine
- `2`: Self-service terminal
- `3`: Limited amount terminal
- `4`: In-flight commerce (IFC) terminal
- `5`: Radio frequency device
- `6`: Mobile acceptance terminal
- `7`: Electronic cash register
- `8`: E-commerce device at your location
- `9`: Terminal or cash register that uses a dialup connection to connect to the transaction processing network

Applicable Values for Card-Present Transactions:

- Chase Paymentech Solutions: Only values `1`, `2`, and `3` are supported.
- FDC Nashville Global: Only values `7`, `8`, and `9` are supported.
- GPN: Only values `6`, `7`, `8`, and `9` are supported.
- JCN Gateway: Only values `6`, `7`, `8`, and `9` are supported.
- TSYS Acquiring Solutions: Only value `6` is supported.
- : Values `1` through `6` are supported, but some acquirers do not support all six values.

Applicable Values for PIN Debit Transactions:

Only values `7`, `8`, and `9` are supported.

Specifications

- **Field Type:** Request
- **Data Type:** Non-negative integer
- **Data Length:** 1

Mapping Information

- **REST API Field: pointOfSaleInformation.catLevel**
- **SCMP API Field: cat_level**
- **Simple Order API Field: pos_catLevel**

pos_deviceID

Value created by the client software that uniquely identifies the POS device.

This value is not sent to the processor. Instead, the value is forwarded to the Cybersource reporting software.

This field is supported only for Cybersource integrations.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 32

Mapping Information

- **REST API Field: pointOfSaleInformation.deviceId**
- **SCMP API Field: pos_device_id**
- **Simple Order API Field: pos_deviceID**

pos_entryMode

Method of entering payment card information into the POS terminal.

Possible values:

- `contact`: Read from direct contact with chip card.
- `contactless`: Read from a contactless interface using chip data.
- `keyed`: Manually keyed into POS terminal.

  For card-present transactions, this value is not supported on OmniPay Direct.

  For PIN debit transactions, this value is not supported.
- `msd`: Read from a contactless interface using magnetic stripe data (MSD).

  For card-present transactions, this value is not supported on OmniPay Direct.
- `swiped`: Read from payment card magnetic stripe.

The `contact`, `contactless`, and `msd` values are supported only for EMV transactions.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 11

Mapping Information

- **REST API Field: pointOfSaleInformation.entryMode**
- **SCMP API Field: pos_entry_mode**
- **Simple Order API Field: pos_entryMode**

pos_environment

Operating environment.

This field is supported only on American Express Direct and Visa Platform Connect.

Possible values for Mastercard:

- `2`: On merchant premises, unattended, or customer terminal. Examples: oil, kiosk, self-checkout, home computer, mobile telephone, personal digital assistant. Customer terminal is supported only for Mastercard transactions on Visa Platform Connect.
- `4`: Off merchant premises, unattended, or customer terminal. Examples: vending machine, mobile telephone, personal digital assistant. Customer terminal is supported only for Mastercard transactions on Visa Platform Connect.

Possible values for all card types except Mastercard:

- `0`: No terminal used or unknown environment.
- `1`: On merchant premises, attended.
- `2`: On merchant premises, unattended. Examples: oil, kiosks, self-checkout, mobile telephone, personal digital assistant (PDA).
- `3`: Off merchant premises, attended. Examples: portable POS devices at trade shows, at service calls, or in taxis.
- `4`: Off merchant premises, unattended. Examples: vending machines, home computer, mobile telephone, PDA.
- `5`: On premises of customer, unattended.
- `9`: Unknown delivery mode.
- `S`: Electronic delivery of product. Examples: music, software, or eTickets that are downloaded over the Internet.
- `T`: Physical delivery of product. Examples: music or software that is delivered by mail or by a courier.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: pointOfSaleInformation.operatingEnvironment**
- **SCMP API Field: pos_environment**
- **Simple Order API Field: pos_environment**

pos_serviceCode

Service code that is included in the track data.

You can extract the service code from the track data and provide it in this API field.

This field is supported only for American Express and Mastercard on Visa Platform Connect.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: pointOfSaleInformation.serviceCode**
- **SCMP API Field: pos_service_code**
- **Simple Order API Field: pos_serviceCode**

pos_storeAndForwardIndicator

When connectivity is unavailable, the client software that is installed on the POS terminal can store a transaction in its memory and send it for authorization when connectivity is restored.

This value is provided by the client software that is installed on the POS terminal.

This value is not sent to the processor. Instead, the value is forwarded to the Cybersource reporting software.

Possible values:

- `true`: Transaction was stored and then forwarded.
- `false` (default): Transaction was not stored and then forwarded.

This field is supported only for Cybersource integrations.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: pointOfSaleInformation.storeAndForwardIndicator**
- **SCMP API Field: store_and_forward_indicator**
- **Simple Order API Field: pos_storeAndForwardIndicator**

pos_terminalCapability

POS terminal's capability.

Possible values:

- `0`: Terminal does not support PINs.
- `1`: Terminal has a magnetic stripe reader only.
- `2`: Terminal has a magnetic stripe reader and manual entry capability.
- `3`: Terminal has manual entry capability only.
- `4`: Terminal can read chip cards.
- `5`: Terminal can read contactless chip cards; cannot use contact to read chip cards.
- `6`: Terminal can read both contact and contactless chip cards.

For an EMV transaction, the value of this field must be a value of `4` or `5`.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 1

Mapping Information

- **REST API Field: pointOfSaleInformation.terminalCapability**
- **SCMP API Field: terminal_capability**
- **Simple Order API Field: pos_terminalCapability**

pos_terminalCardCaptureCapability

Indicates whether the terminal can capture the card.

Possible values:

- `1`: Terminal can capture card.
- `0`: Terminal cannot capture card.

This field is supported only for Cybersource integrations. This field is not supported for FDC Nashville Global or SIX processors.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: pointOfSaleInformation.terminalCardCaptureCapability**
- **SCMP API Field: terminal_card_capture_capability**
- **Simple Order API Field: pos_terminalCardCaptureCapability**

pos_terminalCompliance

Flag that indicates whether the terminal is compliant with standards mandated by the Reserve Bank of India for card-present domestic transactions in India.

Format:

- First character indicates whether the terminal supports terminal line encryption (TLE). Possible values:
  - `1`: Not certified
  - `2`: Certified
- Second character indicates whether the terminal supports Unique Key Per Transaction (UKPT) and Derived Unique Key Per Transaction (DUKPT). Possible values:
  - `1`: Not certified
  - `2`: Certified

Example: `21` indicates that the terminal supports TLE but does not support UKPT/DUKPT.

You and the terminal vendors are responsible for terminal certification. If you have questions, contact your acquirer.

Visa Platform Connect

This field is supported only for Mastercard transactions on Visa Platform Connect.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 92-93
- Field: Mastercard Terminal Compliance Indicator

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: pointOfSaleInformation.terminalCompliance**
- **SCMP API Field: terminal_compliance**
- **Simple Order API Field: pos_terminalCompliance**

pos_terminalCVMcapabilities_#

List of cardholder verification methods (CVMs) supported by the terminal.

Possible values:

- `CDCVM`: Cardholder device CVM—supported only on Barclays
- `PIN`
- `Signature`

This field is supported only for Cybersource integrations and Barclays.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: pointOfSaleInformation.cardholderVerificationMethod[]**
- **SCMP API Field: terminal_cvm_capabilities_#**
- **Simple Order API Field: pos_terminalCVMcapabilities_#**

pos_terminalID (request)

Identifier for the terminal at your retail location.

You can define this value yourself, but consult the processor for requirements.

FDC Nashville Global

To have your account configured to support this field, contact customer support. This value must be a value that FDC Nashville Global issued to you.

Visa Platform Connect

A list of all possible values is stored in your account. When terminal ID validation is enabled for your account, the value you send for this field is validated against the list each time you include the field in a request. To enable or disable terminal ID validation, contact customer support.

When you do not include this field in a request, the default value in your account is used.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: pointOfSaleInformation.terminalID**
- **SCMP API Field: terminal_id**
- **Simple Order API Field: pos_terminalID**

pos_terminalID (response)

Terminal identifier assigned by the acquirer.

This value must be printed on the receipt.

This field is supported only for Cybersource integrations.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: pointOfSaleInformation.terminalID**
- **SCMP API Field: terminal_id**
- **Simple Order API Field: pos_terminalID**

pos_terminalIDAlternate (response)

Identifier for an alternate terminal at your retail location.

You defined the value for this field in the request message. This value must be printed on the receipt.

This field is supported only for Mastercard transactions on FDC Nashville Global.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: pointOfSaleInformation.laneNumber**
- **SCMP API Field: terminal_id_alternate**
- **Simple Order API Field: pos_terminalIDAlternate**

pos_terminalInputCapabilities_#

Complete list of card input methods supported by the terminal.

Possible values:

- `Keyed`: Terminal can accept card data that is entered manually.
- `Swiped`: Terminal can accept card data from a magnetic stripe reader.
- `Contact:`: Terminal can accept card data in EMV contact mode.
- `Contactless:`: Terminal can accept card data in EMV contactless mode.
- `BarCode:`: Terminal can read bar codes.
- `QRcode:`: Terminal can read QR codes.
- `OCR:`: Terminal can perform optical character recognition (OCR).

This field is supported only for Cybersource integrations.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: pointOfSaleInformation.terminalInputCapability[]**
- **SCMP API Field: terminal_input_capabilities_#**
- **Simple Order API Field: pos_terminalInputCapabilities_#**

pos_terminalOutputCapability

Indicates whether the terminal can print or display messages.

Possible values:

- `1`: Neither
- `2`: Print only
- `3`: Display only
- `4`: Print and display

This field is supported only for Cybersource integrations.

For Mastercard cashback transactions, you must send this field with the value of `5` to indicate that the terminal supports purchase-only approvals.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: pointOfSaleInformation.terminalOutputCapability**
- **SCMP API Field: terminal_output_capability**
- **Simple Order API Field: pos_terminalOutputCapability**

pos_terminalPINcapability

Maximum PIN length that the terminal can capture.

Possible values:

- `0`: No PIN capture capability
- `1`: PIN capture capability unknown
- `4:` Four characters
- `5:` Five characters
- `6:` Six characters
- `7:` Seven characters
- `8:` Eight characters
- `9:` Nine characters
- `10:` Ten characters
- `11:` Eleven characters
- `12:` Twelve characters

This field is supported only for Cybersource integrations and Visa Platform Connect.

Visa Platform Connect

The value of this field corresponds to this data in the TC 33 capture file:

- Record: CP01 TCR 1
- Position: 15-16
- Field: POS Entry Mode

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: pointOfSaleInformation.terminalPinCapability**
- **SCMP API Field: terminal_pin_capability**
- **Simple Order API Field: pos_terminalPINcapability**

pos_pinEntrySolution

Type of PIN pad on the terminal.

Possible values:

- `PCI-SPoC`: Screen
- `PCI-PTS`: Physical PIN pad

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: pointOfSaleInformation.pinEntrySolution**
- **SCMP API Field: terminal_pin_entry_solution**
- **Simple Order API Field: pos_pinEntrySolution**

pos_terminalSerialNumber

Terminal serial number assigned by the hardware manufacturer.

This value is provided by the client software that is installed on the POS terminal.

This value is not sent to the processor. Instead, the value is forwarded to the Cybersource reporting software.

This field is supported only for Cybersource integrations.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 32

Mapping Information

- **REST API Field: pointOfSaleInformation.terminalSerialNumber**
- **SCMP API Field: terminal_serial_number**
- **Simple Order API Field: pos_terminalSerialNumber**

pos_terminalType

Type of terminal.

Possible values:

- 21: Attended terminal, online only
- 22: Attended terminal, offline with online capability
- 23: Attended terminal, offline only
- 24: Unattended terminal, online only
- 25: Unattended terminal, offline with online capability
- 26: Unattended terminal, offline only

This field is supported only for Cybersource integrations.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: terminal_type**
- **Simple Order API Field: pos_terminalType**

postdatedTransaction_guaranteeAmount

Amount that is guaranteed for a post-dated transaction.

This field is supported only for post-dated transactions with Mastercard in Brazil on Visa Platform Connect.

The guaranteed amount is specified in an agreement between you and the issuer.

A post-dated transaction enables a customer to make a purchase using a debit Mastercard and to have the debit post to the customer's account at a later date.

Format: 8 digits including 2 minor units, BRL currency only.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR0
- Position: 5-12
- Field: Mastercard Post-Dated Transaction Details

Specifications

- **Field Type:** Request
- **Type:** String
- **Length:** 8

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: postdated_transaction_guarantee_amount**
- **Simple Order API Field: postdatedTransaction_guaranteeAmount**

postdatedTransaction_guaranteeIndicator

Flag that indicates whether a post-dated transaction has a guarantee.

This field is supported only for post-dated transactions with Mastercard in Brazil on Visa Platform Connect.

The guarantee is specified in an agreement between you and the issuer. The customer tells you whether they would like the transaction to be post-dated. The issuer provides the guarantee.

A post-dated transaction enables a customer to make a purchase using a debit Mastercard and to have the debit post to the customer's account at a later date.

Possible values:

- true: Post-dated transaction has a guarantee.
- false: Post-dated transaction does not have a guarantee.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR0
- Position: 55
- Field: Mastercard Post-Dated Transaction Details

Specifications

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: postdated_transaction_guarantee_indicator**
- **Simple Order API Field: postdatedTransaction_guaranteeIndicator**

postdatedTransaction_settlementDate

Date you plan to send a capture request for a post-dated transaction.

This field is supported only for post-dated transactions with Mastercard in Brazil on Visa Platform Connect.

A post-dated transaction enables a customer to make a purchase using a debit Mastercard and to have the debit post to the customer's account at a later date.

Format: yyyyMMDD

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP07 TCR0
- Position: 13-18
- Field: Mastercard Post-Dated Transaction Details

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: No corresonding field.**
- **SCMP API Field: postdated_transaction_settlement_date**
- **Simple Order API Field: postdatedTransaction_settlementDate**

processorTransId

This field is supported only for FDMS Nashville.

The transaction ID value for subsequent merchant-initiated transactions. The value for this field is returned in the **ccAuthReply_paymentNetworkTransactionID** field in the response message for the initial authorization in the series.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 16

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.initiator.merchantinitiatedTransaction.processorTransactionID**
- **SCMP API Field: processor_trans_id**
- **Simple Order API Field: processorTransId**

processorID

Value that identifies the acquirer to use for the transaction.

This value is supported only on Visa Platform Connect.

Contact customer support to get the value for this field.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: processingInformation.processorId**
- **SCMP API Field: processor_id**
- **Simple Order API Field: processorID**

promotion_discountApplied

Amount of the promotional discount applied to the transaction.

This field is supported only on China UnionPay.

Specifications

- **Field Type:** Response
- **Data Type:** Numeric
- **Data Length:** 12

Mapping Information

- **REST API Field: promotionInformation.discountApplied**
- **SCMP API Field: promotion_discount_applied**
- **Simple Order API Field: promotion_discountApplied**

purchaseTotals_discountAmountSign

Flag that indicates whether the invoice level discount amount should be interpreted as negative or positive.

Possible values:

- `negative`: discount amount is considered as a discount refund for the invoice.
- `positive`: discount amount is considered as a discount for the invoice.

A positive value for the discount amount is considered to reduce the amount of the invoice.

This field relates to the value in the **purchaseTotals_discountAmount** field.

Specifications

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- REST API Field: **No corresponding field**
- SCMP API Field: **order_discount_amount_sign**
- Simple Order API Field: **purchaseTotals_discountAmountSign**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Visa Platform Connect: discountAmountSign

purchaseTotals_discountManagementIndicator

Flag that indicates how the merchant manages discounts.

Possible values:

- `0`: no invoice level discount included
- `1`: tax calculated on the post-discount invoice total
- `2`: tax calculated on the pre-discount invoice total

This field relates to the value in the **purchaseTotals_ discountAmount** field.

Specifications

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- REST API Field: **orderInformation.amountDetails.taxAppliedAfterDiscount**
- SCMP API Field: **order_discount_management_indicator**
- Simple Order API Field: **purchaseTotals_discountManagementIndicator**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Visa Platform Connect: discountManagementIndicator

purchaseTotals_dutyAmountSign

Flag that indicates whether the duty amount should be interpreted as negative or positive.

Possible values:

- `negative`: duty amount is considered negative and represents a refund on the invoice
- `positive`: duty amount is considered positive and represents a cost on the invoice

This field relates to the value in the **purchaseTotals_dutyAmount** field.

Specifications

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- REST API Field: No corresponding field
- SCMP API Field: **duty_amount_sign**
- Simple Order API Field: **purchaseTotals_dutyAmountSign**

Processor Field Names

The following list provides the Level III processor field name for each processor that supports Level III data:

- Visa Platform Connect: dutyAmountSign

purchaseTotals_foreignAmount

Converted amount that was returned by the DCC provider.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Length:** 15

Mapping Information

- **REST API Field: orderInformation.amountDetails.foreignAmount**
- **SCMP API Field: foreign_amount**
- **Simple Order API Field: purchaseTotals_foreignAmount**

purchaseTotals_foreignCurrency

Customer's billing currency.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: orderInformation.amountDetails.foreignCurrency**
- **SCMP API Field: foreign_currency**
- **Simple Order API Field: purchaseTotals_foreignCurrency**

purchaseTotals_freightAmountSign

Flag that indicates if the freight (shipping) amount should be interpreted as negative or positive.

Possible values:

- `negative`: freight amount is considered negative and represents a refund on the invoice
- `positive`: freight amount is considered positive and represents a cost on the invoice

This field relates to the value in the **purchaseTotals_freightAmount** field.

Specifications

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- REST API Field: No corresponding field
- SCMP API Field: **freight_amount_sign**
- Simple Order API Field: **purchaseTotals_freightAmountSign**

Processor Field Names

The following list provides the Level III processor field name for each processor that supports Level III data:

- Visa Platform Connect: freightAmountSign

purchaseTotals_originalAmount

The purchase amount denominated in the local currency, when the **purchaseTotals_grandTotalAmount** field is denominated in the customer's billing currency.

This field is used with the Dynamic Currency Conversion service.

This value cannot be negative. You can include a decimal point (.) in this field to denote the currency exponent, but you cannot include any other special characters. If needed, the amount is truncated to the correct number of decimal places.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.amountDetails.originalAmount**
- **SCMP API Field: original_amount**
- **Simple Order API Field: purchaseTotals_originalAmount**

purchaseTotals_originalCurrency

The local billing currency, when the **purchaseTotals_currency** field is set the customer's billing currency.

This field is used with the Dynamic Currency Conversion service.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: orderInformation.amountDetails.originalCurrency**
- **SCMP API Field: original_currency**
- **Simple Order API Field: purchaseTotals_originalCurrency**

purchaseTotals_taxAmount

Total tax amount for all the items.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** Decimal
- **Data Type:** String
- **Data Length for Canadian dollars:** 7
- **Data Length for U.S. dollas:** 9

Mapping Information

- REST API Field: **orderInformation.amountDetails.taxAmount**
- SCMP API Field: **total_tax_amount**
- Simple Order API Field: **purchaseTotals_taxAmount**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

purchaseTotals_additionalAmount0 *through* purchaseTotals_additionalAmount4

Additional amount.

This field is supported only on American Express Direct.

Sequence of fields from purchaseTotals_additionalAmount0 to purchaseTotals_additionalAmount4.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: orderInformation.amountDetails.amexAdditionalAmounts[0].amount** through **orderInformation.amountDetails.amexAdditionalAmounts[4].amount**
- **SCMP API Fields: additional_amount0** through **additional_amount4**
- **Simple Order API Fields: purchaseTotals_additionalAmount0** through **purchaseTotals_additionalAmount4**

purchaseTotals_additionalAmountType0 through purchaseTotals_additionalAmountType4

Additional amount type.

This field is supported only on American Express Direct.

Sequence of fields from purchaseTotals_additionalAmountType0 to purchaseTotals_additionalAmountType4.

For the possible values, see Additional Amount Types.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field: orderInformation.amountDetails.amexAdditionalAmounts[0].code** through **orderInformation.amountDetails.amexAdditionalAmounts[4].code**
- **SCMP API Fields: additional_amount_type0** through **additional_amount_type4**
- **Simple Order API Fields: purchaseTotals_additionalAmountType0** through **purchaseTotals_additionalAmountType4**

purchaseTotals_currency (Response)

Currency used in the transaction.

Use a three-character ISO currency code. For a list of ISO currency codes, see: https://developer.cybersource.com/docs/cybs/en-us/currency-codes/reference/all/na/currency-codes/currency-codes.htmlISO Currency Codes

For an authorization reversal or capture, you must use the same currency that was used for associated authorization.

When using Dynamic Currency Conversion (DCC) with a Third-Party Provider:, use the customer's billing currency.

Visa Platform Connect

For Mastercard installment payments in Peru, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR5
- Position: 108-110
- Field: Financing Currency

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Fields:**
  - **orderInformation.amountDetails.currency**
  - **creditAmountDetails.currency**
  - **refundAmountDetails.currency**
  - **reversalAmountDetails.currency**
- **SCMP API Field: currency**
- **Simple Order API Field: purchaseTotals_currency**

purchaseTotals_currency (Request)

Currency used for the order.

For possible values, refer to ISO Standard Currency Codes.

For authorization reversal or capture services, you must use the same currency that was used for the authorization.

For the PIN debit reversal service, you must use the same currency that was used for the PIN debit purchase or PIN debit credit that you are reversing.

DCC with a Third-Party Provider

Customer's billing currency.

Visa Platform Connect

For Mastercard installment payments in Peru, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR0
- Position: 108-110
- Field: Currency

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Fields:**
  - **orderInformation.amountDetails.currency**
  - **reversalInformation.amountDetails.currency**
- **SCMP API Field: currency**
- **Simple Order API Field: purchaseTotals_currency**

purchaseTotals_discountAmount

Total discount applied to the order.

Example: A $20.00 discount off the order total.

RBS WorldPay Atlanta

For RBS WorldPay Atlanta transactions only: The discount amount cannot exceed 999999.99.

Specifications

Chase Paymentech Solutions

- **Field Type:** Request
- **Data Length:** 13
- **Data Type:** String

Elavon Americas

- **Field Type:** Request
- **Data Type:** Numeric String
- **Data Length:** 12

FDC Compass

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

FDC Nashville Global

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 11

GPN

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

OmniPay Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

RBS WorldPay Atlanta

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 8

TSYS Acquiring Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

Worldpay VAP

- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: orderInformation.amountDetails.discountAmount**
- **SCMP API Field: order_discount_amount**
- **Simple Order API Field: purchaseTotals_discountAmount**

Processor Field Names

Processor-specific field names for each processor supporting this field for Level II or Level III processing:

- **Chase Paymentech Solutions:** Discount Amount Applied to Order
- **Elavon Americas:** Discount Amount
- **FDC Compass:** Discount Amount Applied to Order
- **FDC Nashville Global:** Discount Amount
- **GPN:** Discount Amount
- **OmniPay Direct:** Discount Amount / Total Discount
- **RBS WorldPay Atlanta:** Discount Amount
- **TSYS Acquiring Solutions:** Discount Amount
- **Visa Platform Connect:** discountAmount
- **Worldpay VAP:** discountAmount

purchaseTotals_dutyAmount

Total charges for any import or export duties included in the order.

FDC Nashville Global

This value cannot be negative.

FDMS South

This value cannot be negative.

GPN

The maximum value for this field is: 99,999.99.

Specifications

Chase Paymentech Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length for Mastercard:** 10
- **Data Length for Visa:** 13

Elavon Americas

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

FDC Compass

- **Field Type:** Request
- **Data Type:** String
- **Data Length for Mastercard:** 10
- **Data Length for Visa:** 13

FDC Nashville Global

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 11

FDMS South

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

GPN

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

OmniPay Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

RBS WorldPay Atlanta

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 8

TSYS Acquiring Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 13

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

Worldpay VAP

- **Data Type:** String
- **Data Length:** 8

Mapping Information

- REST API Field: **orderInformation.amountDetails.dutyAmount**
- SCMP API Field: **duty_amount**
- Simple Order API Field: **purchaseTotals_dutyAmount**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Chase Paymentech Solutions: Duty Amount
- Elavon Americas: Duty Amount
- FDC Compass: Duty Amount
- FDC Nashville Global: Duty Amount
- FDMS South: N/A
- GPN: Duty Amount
- OmniPay Direct: Duty Amount
- RBS WorldPay Atlanta: Duty Amount
- TSYS Acquiring Solutions: Duty Amount
- Visa Platform Connect: dutyAmount
- Worldpay VAP: dutyAmount

purchaseTotals_exchangeRate

Exchange rate returned by the Dynamic Currency Conversion (DCC) service provider.

The value for this field includes a decimal point and a maximum of four decimal places.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 16

Mapping Information

- **REST API Field: orderInformation.amountDetails.exchangeRate**
- **SCMP API Field: exchange_rate**
- **Simple Order API Field: purchaseTotals_exchangeRate**

purchaseTotals_exchangeRateTimeStamp

The time stamp returned by a Dynamic Currency Conversion provider when a conversion request is made. This value is set to GMT.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 14
- **Data Format:** yyyyMMDDhhmmss

Mapping Information

- **REST API Field: orderInformation.amountDetails.exchangeRateTimeStamp**
- **SCMP API Field: exchange_rate_timestamp**
- **Simple Order API Field: purchaseTotals_exchangeRateTimeStamp**

purchaseTotals_grandTotalAmount

Grand total for the order.

If your request includes line items, do not include this field in your request.

This value cannot be negative. You can include a decimal point (.), but you cannot include any other special characters. The amount is truncated to the correct number of decimal places.

> **Important:** Some processors have specific requirements and limitations, such as maximum amounts and maximum field lengths.

Dynamic Currency Conversions

When this field is used in a request with Dynamic Currency Conversion, this field value must be denominated in the customer's billing currency.

Original Credit Transactions (OCT)

The amount must be less than or equal to 50,000 USD. Amount limits differ depending on limitations imposed by your acquirer in addition to local laws and regulations. Contact your acquirer for more information.

PIN Debit Transactions

If the transaction includes a cash-back amount, that amount must be included in this total amount. If the transaction includes a surcharge amount, that amount must be included in this total amount.

Zero Amount Authorizations

If your processor supports zero amount authorizations, you can set this field to `0` for the authorization to verify whether the card is lost or stolen.

Specifications

Comercio Latino

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 19

Other Processors

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Fields:**
  - **orderInformation.amountDetails.totalAmount**
  - **reversalInformation.amountDetails.totalAmount**
- **SCMP API Field: grand_total_amount**
- **Simple Order API Field: purchaseTotals_grandTotalAmount**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data.

- **Chase Paymentech Solutions:** N/A
- **FDC Compass:** N/A
- **FDC Nashville Global:** N/A
- **OmniPay Direct:** Line Item Total
- **RBS WorldPay Atlanta:** Amount
- **TSYS Acquiring Solutions:** N/A

reasonCode

Numeric value that corresponds to the result of the overall request.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: reasonCode**

receiptNumber

Receipt number.

Credit Card Transactions

This field is returned only for American Express Direct, SIX, and Visa Platform Connect.

- **American Express Direct:** System trace audit number (STAN). This value identifies the transaction and is useful when investigating a chargeback dispute.
- **Visa Platform Connect:** System trace number that must be printed on the customer's receipt.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: processorInformation.systemTraceAuditNumber**
- **SCMP API Field: receipt_number**
- **Simple Order API Field: receiptNumber**

recipient_accountID

Identifier for the recipient's account.

Set the value for this field to the first six digits and last four digits of the recipient's account number.

This field is a pass-through, which means that the value is not verified or modified in any way before it is sent to the processor. If the field is not required for the transaction, it is not forwarded to the processor.

Specifications

- **Field Type:** Request
- **Data Type:** String with numbers only
- **Data Length:** 10

Mapping Information

- **REST API Field: recipientInformation.accountId**
- **SCMP API Field: recipient_account_id**
- **Simple Order API Field: recipient_accountID**

recipient_address

The street address of the recipient.

This field is supported on FDC Compass and Visa Platform Connect.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP09 TCR5
- Position: 5-103
- Field: Account Owner Address Line 1

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field:recipientInformation.address1**
- **SCMP API Field: recipient_address**
- **Simple Order API Field: recipient_address**

recipient_billingAmount

Amount deposited into the recipient's account by the issuer.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.amountDetails.settlementAmount**
- **SCMP API Field: recipient_billing_amount**
- **Simple Order API Field: recipient_billingAmount**

recipient_billingConversionRate

Conversion rate between the sender's currency and recipient's currency used by the issuer to deposit the funds into the recipient's account.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: recipient_billing_conversion_rate**
- **Simple Order API Field: recipient_billingConversionRate**

recipient_billingCurrency

Currency used by the issuer to deposit the funds into the recipient's account. See the ISO Standard Currency Codes reference guide.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field:orderInformation.amountDetails.settlementCurrency**
- **SCMP API Field: recipient_billing_currency**
- **Simple Order API Field: recipient_billingCurrency**

recipient_city

The city of the recipient.

This field is supported on FDC Compass and Visa Platform Connect.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP09 TCR5
- Position: 104-128
- Field: Account Owner City Name

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: recipientInformation.locality**
- **SCMP API Field: recipient_city**
- **Simple Order API Field: recipient_city**

recipient_country

The country associated with the address of the recipient.

This field is supported on FDC Compass and Visa Platform Connect.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP09 TCR5
- Position: 132-134
- Field: Account Owner Country Code

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: recipientInformation.country**
- **SCMP API Field: recipient_country**
- **Simple Order API Field: recipient_country**

Related information

ISO Standard Country Codes

recipient_dateOfBirth

Recipient's date of birth.

This field is a pass-through, which means that it is verified that the value is eight numeric characters but otherwise the value is not verified or modified in any way before it is sent to the processor. If the field is not required for the transaction, it is not forwarded to the processor.

Specifications

- **Field Type:** Request
- **Data Type:** String with numbers only
- **Data Length:** 8
- **Format:** yyyyMMDD

Mapping Information

- **REST API Field: recipientInformation.dateOfBirth**
- **SCMP API Field: recipient_date_of_birth**
- **Simple Order API Field: recipient_dateOfBirth**

recipient_firstName

First name of the recipient.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 35

Mapping Information

- **REST API Field: recipientInformation.firstName**
- **SCMP API Field: recipient_firstname**
- **Simple Order API Field: recipient_firstName**

recipient_lastName

Recipient's last name.

This field is a pass-through, which means that the value is not verified or modified in any way before it is sent to the processor. If the field is not required for the transaction, it is not forwarded to the processor.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 35

Specifications for UK Processors

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: recipientInformation.lastName**
- **SCMP API Field: recipient_lastname**
- **Simple Order API Field: recipient_lastName**

recipient_middleInitial

Middle initial of the recipient.

This field is supported only on FDC Compass

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: recipientInformation.middleInitial**
- **SCMP API Field: recipient_middleinitial**
- **Simple Order API Field: recipient_middleInitial**

recipient_middleName

Middle name of the recipient.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 35

Mapping Information

- **REST API Field: recipientInformation.middleName**
- **SCMP API Field: recipient_middlename**
- **Simple Order API Field: recipient_middleName**

recipient_name

First name or whole name of the recipient.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 30

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: recipient_name**
- **Simple Order API Field: recipient_name**

recipient_phoneNumber

Phone number of the recipient.

This field is supported only on FDC Compass

Specifications

- **Field Type:** Request
- **Data Type:** String with numbers only
- **Data Length:** 20

Mapping Information

- **REST API Field: recipientInformation.phoneNumber**
- **SCMP API Field: recipient_phone_number**
- **Simple Order API Field: recipient_phoneNumber**

recipient_postalCode

Partial postal code for the recipient's address.

Example: If the postal code is NN5 7SG, the value for this field should be the first part of the postal code: `NN5`.

This field is a pass-through, which means that the value is not verified or modified in any way before it is sent to the processor. If the field is not required for the transaction, it is not forwarded to the processor.

For Payouts, this field is supported on FDC Compass and Visa Platform Connect.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP09 TCR5
- Position: 129-131
- Field: Account Owner Subdivision Code Major

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: recipientInformation.postalCode**
- **SCMP API Field: recipient_postal_code**
- **Simple Order API Field: recipient_postalCode**

recipient_state

State or province of the recipient.

This field is supported only on FDC Compass

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: recipientInformation.administrativeArea**
- **SCMP API Field: recipient_state**
- **Simple Order API Field: recipient_state**

Related information

State, Province, and Territory Codes for the United States and Canada

recurrence_occurrence

Indicates how often a recurring payment occurs.

This field is required for recurring payments using cards issued in India.

Possible values:

`01`: Daily.

`02`: Bi-weekly.

`03`: Weekly.

`04`: 10 Days.

`05`: Fortnightly.

`06`: Monthly.

`07`: 2 months.

`08`: 3 months.

`09`: Quarterly.

`10`: Half-yearly.

`11`: Annually.

`12`: Unscheduled.

- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: recurringPaymentInformation.occurrence**
- **SCMP API Field: recurrence_occurrence**
- **Simple Order API Field: recurrence_occurrence**

recurring_numberOfPayments

Total number of payments for the duration of the recurring subscription.

This field is required for recurring payments using cards issued in India.

Possible values range from `01` to `99`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: recurringPaymentInformation.numberOfPayments**
- **SCMP API Field: recurring_number_of_payments**
- **Simple Order API Field: recurring_numberOfPayments**

recurring_Type

Indicates the type of recurring payment.

This field is required for recurring payments using cards issued in India.

Possible values:

- `1`: Registration or first transaction.
- `2`: Subsequent transaction.
- `3`: Modification.
- `4`: Cancellation.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: recurringPaymentInformation.Type**
- **SCMP API Field: recurring_type**
- **Simple Order API Field: recurring_Type**

recurring_validationIndicator

Indicates if a recurring payment transaction has been validated.

This field is required for recurring payments using cards issued in India.

Possible values:

- `0`: Not validated.
- `1`: Validated.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: recurringPaymentInformation.validationIndicator**
- **SCMP API Field: recurring_validation_indicator**
- **Simple Order API Field: recurring_validationIndicator**

recurringAmountType

Indicates whether the recurring payment amount agreed by the cardholder is a fixed amount or variable amount.

Required for all recurring transactions from Saudi Arabia merchants. Cybersource forwards this value to Saudi Payment when received from the merchant.

This field is required for recurring payments using cards issued in India.

Possible values:

- `0`: Fixed amount.
- `1`: Variable amount.

India-specific possible amounts:

- `1`: Recurring payment with fixed amount.
- `2`: Recurring payment with maximum amount.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: recurringPaymentInformation.amountType**
- **SCMP API Field: recurring_amount_type**
- **Simple Order API Field: recurringAmountType**

recurringSubscriptionInfo_subscriptionID

Subscription ID or token ID.

When you use Recurring Billing or Token Management Service and you include this value in a request, many of the fields that are normally required for an authorization or credit become optional.

Payouts

When you include this field in your request, the following fields are optional:

- **card_accountNumber**
- **card_expirationMonth**
- **card_expirationYear**

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field: paymentInformation.customer.customerId**
- **SCMP API Field: subscription_id**
- **Simple Order API Field: recurringSubscriptionInfo_subscriptionID**

reportGroup

Value that you create that enables you to identify a group of transactions.

This field is supported only on Worldpay VAP.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: processingInformation.reportGroup**
- **SCMP API Field: report_group**
- **Simple Order API Field: reportGroup**

requestID

Request identifier that the client software generates.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 256

Mapping Information

- **REST API Field:** No corresponding field. The value is returned in the endpoint of the resource that was requested.
- **SCMP API Field: request_id**
- **Simple Order API Field: requestID**

requestToken

Request token data.

This value is an encoded string that contains no confidential information, such as an account number or card verification number.

When you request the authorization and capture services together, the request token is for the capture response only.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 256

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: request_token**
- **Simple Order API Field: requestToken**

routing_networkLabel

Name of the network on which the transaction was routed.

This field is supported only on FDC Nashville Global.

Possible values:

- NYCE
- PULSE
- STAR
- Visa
- Mastercard

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: processorInformation.routing.networkName**
- **SCMP API Field: routing_network_label**
- **Simple Order API Field: routing_networkLabel**

routing_networkType

Indicates whether the transaction was routed on a credit network, a debit network, or the STAR signature debit network.

Possible values:

- `C`: Credit network
- `D`: Debit network (without signature)
- `S`: STAR signature debit network

This field is supported only on FDC Nashville Global.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processorInformation.routing.network**
- **SCMP API Field: routing_network_type**
- **Simple Order API Field: routing_networkType**

routing_signatureCVMRequired

Indicates whether you need to obtain the cardholder's signature.

Possible values:

- `Y`: You need to obtain the cardholder's signature.
- `N`: You do not need to obtain the cardholder's signature.

This field is supported only on FDC Nashville Global.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processorInformation.routing.customerSignatureRequired**
- **SCMP API Field: routing_signature_cvm_required**
- **Simple Order API Field: routing_signatureCVMRequired**

salesSlipNumber (Request)

Transaction identifier that you generate.

This field is supported only on JCN Gateway and Visa Platform Connect.

Required in Argentina on Visa Platform Connect.

Required in Japan on Visa Platform Connect.

Visa Platform Connect

In Argentina, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 8-15
- Field: Field Purchase Receipt Number

In Japan, the value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 143-147
- Field: Sales Slip Number

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length in Argentina:** 8
- **Data Length in Japan:** 5

Mapping Information

- **REST API Field: invoiceDetails.salesSlipNumber**
- **SCMP API Field: sales_slip_number**
- **Simple Order API Field: salesSlipNumber**

salesSlipNumber (Response)

Transaction identifier.

The difference between this field and the **receiptNumber** field is that Cybersource generates the receipt number for the field, and you must print the receipt number on the receipt. However, for the **invoiceDetails.salesSlipNumber** field, you can generate the sales slip number, and you can choose to print the sales slip number on the receipt.

This field is supported only on JCN Gateway and Visa Platform Connect.

Specifications

- **Field Type:** Response
- **Data Type:** Interger
- **Data Length:** 5

Mapping Information

- **REST API Field: invoiceDetails.salesSlipNumber**
- **SCMP API Field: sales_slip_number**
- **Simple Order API Field: salesSlipNumber**

sender_accountNumber

The account number of the entity funding the transaction. The value for this field can be a payment card account number or bank account number.

Specifications

- **Field Type:** Request
- **Data Type:** String with numbers only
- **Data Length:** 20

Mapping Information

- **REST API Field: senderInformation.account.number**
- **SCMP API Field: sender_account_number**
- **Simple Order API Field: sender_accountNumber**

sender_city

City of sender.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: senderInformation.locality**
- **SCMP API Field: sender_city**
- **Simple Order API Field: sender_city**

sender_country

Country of sender.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: senderInformation.countryCode**
- **SCMP API Field: sender_country**
- **Simple Order API Field: sender_country**

Related information
ISO Standard Country Codes

sender_dateOfBirth

Date of birth of the sender.

Format: YYYMMDD

Specifications

- **Field Type:** Request
- **Data Type:** String with numbers only
- **Data Length:** 8

Mapping Information

- **REST API Field: senderInformation.dateOfBirth**
- **SCMP API Field: sender_date_of_birth**
- **Simple Order API Field: sender_dateOfBirth**

sender_firstName

First name of sender when the sender is an individual. When the sender is a business or government entity, use the **sender_name** field instead.

Chase Paymentech Solutions

This field is required for Original Credit Transactions (OCTs) when the sender is a when the sender is an individual. It is supported only for Mastercard card transactions that use the Payouts services.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP09 TCR3
- Position: 5-39
- Field: Account Owner Name-Given

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 35

Mapping Information

- **REST API Field: senderInformation.firstName**
- **SCMP API Field: sender_firstname**
- **Simple Order API Field: sender_firstName**

sender_identificationNumber

Acquirer-populated value associated with the **sender_personalIDType** request field, which identifies the personal ID type of the sender.

Services

This field is required for these services:

- **Payouts OCT**: Required for aggregator support using Visa Platform Connect.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: senderInformation.identificationNumber**
- **Simple Order API Field: sender_identificationNumber**

sender_lastName

Last name of sender when the sender is an individual. When the sender is a business or government entity, use the **sender_name** field instead.

Chase Paymentech Solutions

This field is required for original credit transactions (OCTs) when the sender is a when the sender is an individual. It is supported only for Mastercard card transactions that use the Payouts services.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP09 TCR3
- Position: 75-109
- Field: Account Owner Last Name

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 35

Mapping Information

- **REST API Field: senderInformation.lastName**
- **SCMP API Field: sender_lastname**
- **Simple Order API Field: sender_lastName**

sender_middleInitial

Middle initial of sender when the sender is an individual. When the sender is a business or government entity, use the **sender_name** field instead.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field:senderInformation.middleInitial**
- **SCMP API Field: sender_middleinitial**
- **Simple Order API Field: sender_middleInitial**

sender_middleName

Middle name of sender when the sender is an individual. When the sender is a business or government entity, use the **sender_name** field instead.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP09 TCR3
- Position: 40-74
- Field: Account Owner Middle Name

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 35

Mapping Information

- **REST API Field: senderInformation.middleName**
- **SCMP API Field: sender_middlename**
- **Simple Order API Field: sender_middleName**

sender_name

Name of sender when the sender is a business or government entity. When the sender is an individual, use the **sender_firstName** and **sender_lastName** fields instead. First name of whole name of the sender.

Chase Paymentech Solutions

This field is required for original credit transactions (OCTs) when the sender is a when the sender is a business or government entity. It is supported only for Mastercard card transactions that use the Payouts services.

Visa Platform Connect

Funds Disbursement: This value is the first name of the originator sending the funds disbursement.

Specifications

FDC Compass

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 24

Chase Paymentech Solutions

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 30

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 30

Mapping Information

- **REST API Field: senderInformation.name**
- **SCMP API Field: sender_name**
- **Simple Order API Field: sender_name**

sender_personalIDType

Type of sender identification.

Possible values:

- `ARNB:` Alien registration number
- `BTHD:` Date of birth
- `CPNY:` Company registration number
- `CUID:` Customer identification (unspecified)
- `DRLN:` Driver's license
- `EMAL:` Email
- `LAWE:` Law enforcement identification
- `MILI:` Military identification
- `NTID:` National identification
- `PASN:` Passport number
- `PHON:` Phone number
- `PRXY:` Proxy identification
- `SSNB:` Social security number
- `TRVL:` Travel identification (non-passport)
- `TXIN:` Tax identification

When this field is set to `TXIN`, you must indicate the type of tax identifier by including the **sender_personalIDType** field in the authorization message.

Visa Platform Connect

This field is required for the following service:

- **Payouts OCT**:
  - Required for aggregator support using Visa Platform Connect.

Services

This field is required or optional for the following service(s):

- **Payouts OCT**
  - Required for aggregator support using Visa Platform Connect when the transaction is initiated by the payer (when the initiatorType field contains the value S).

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: senderInformation.personalIdType**
- **Simple Order API Field: sender_personalIDType**

sender_phoneNumber

Phone number of the sender.

This field is supported only on FDC Compass.

Merchant Disbursement: This value is your business phone number.

Specifications

- **Field Type:** Request
- **Data Type:** String with numbers only
- **Data Length:** 20

Mapping Information

- **REST API Field: senderInformation.phoneNumber**
- **SCMP API Field: sender_phone_number**
- **Simple Order API Field: sender_phoneNumber**

sender_postalCode

Postal code of sender.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: senderInformation.postalCode**
- **SCMP API Field: sender_postal_code**
- **Simple Order API Field: sender_postalCode**

sender_referenceNumber

Reference number generated by you that uniquely identifies the sender.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 19

Mapping Information

- **REST API Field: senderInformation.referenceNumber**
- **SCMP API Field: sender_reference_number**
- **Simple Order API Field: sender_referenceNumber**

sender_sourceOfFunds

Source of funds.

Possible values:

- `01`: Credit card.
- `02`: Debit card.
- `03`: Prepaid card.
- `04`: Depends on the processor:
  - Chase Paymentech Solutions: cash
  - FDC Compass: deposit account
  - Visa Platform Connect: cash
- `05`: Debit or deposit account that is not linked to a Visa card. Includes checking accounts, savings accounts, proprietary debit or ATM card accounts, and digital wallet accounts.
- `06`: Credit account that is not linked to a Visa card. Includes credit cards and proprietary lines of credit.

Funds Disbursement: For FDC Compass, the best value for funds disbursement is 04 to identify that the originator used a deposit account to fund the disbursement. For Visa Platform Connect, the best value for funds disbursement is 05.

Credit Card Bill Payment: This value must be `02`, `03`, `04`, or `05`.

Specifications

- **Field Type:** Request
- **Data Type:** String with numbers only
- **Data Length:** 2

Mapping Information

- **REST API Field: senderInformation.account.fundsSource**
- **SCMP API Field: sender_source_of_funds**
- **Simple Order API Field: sender_sourceOfFunds**

sender_state

State of sender.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: senderInformation.administrativeArea**
- **SCMP API Field: sender_state**
- **Simple Order API Field: sender_state**

Related information

State, Province, and Territory Codes for the United States and Canada

sender_type

Type of tax identifier (business or individual) when Tag 9F20 IDType (the **sender_personalIDType** field) contains the value `TXIN` (tax identification).

Possible values:

- `B`: Business tax ID
- `I`: Individual tax ID

Services

This field is required for these services:

- **Payouts OCT**: Required for aggregator support using Visa Platform Connect when a tax identifier is used as the sender identification (when the **sender_personalIDType** contains the value `TXIN`.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: senderInformation.type**
- **Simple Order API Field: sender_type**

shipFrom_lastName

Last name of the person who is shipping the product.

The combined length of this field and the **orderInformation.billTo.first.nameship_from_firstnameship_from_firstName** field must not exceed 40 characters.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40, see description

Mapping Information

- REST API Field: No corresponding field name for this API
- SCMP API Field: **ship_from_lastname**
- Simple Order API Field: **shipFrom_lastName**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

shipFrom_state

State from which the product is shipped.

This field is used to determine tax rules and rates applied to the transaction based on sourcing.

This field is used for Tax Calculation only when **shipFrom_city** and **shipFrom_country** are present.

Use the State, Province, and Territory Codes for the United States and Canada.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2, see description

Mapping Information

- **REST API Field: orderInformation.shippingDetails.shipFromAdministrativeArea**
- **SCMP API Field: ship_from_state**
- **Simple Order API Field: shipFrom_state**

shipTo_middleName

Middle name of the recipient.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: paymentInformation.orderInformation.shipTo.middleName**
- **SCMP API Field: ship_to_middlename**
- **Simple Order API Field: shipTo_middleName**

shipTo_street3

Cardholder's shipping address.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: paymentInformation.orderInformation.shipTo.address3**
- **SCMP API Field: ship_to_address3**
- **Simple Order API Field: shipTo_street3**

shipTo_street4

Fourth line of the shipping address.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: paymentInformation.orderInformation.shipTo.address4**
- **SCMP API Field: ship_to_address4**
- **Simple Order API Field: shipTo_street4**

shipFrom_city

City from where the product is shipped.

The city is used to determine tax rules and rates applied to the transaction based on sourcing.

This item-level field overrides the corresponding request-level field.

This field is used for Tax Calculation only when **shipFrom_state** and **shipFrom_country** are present.

This field is used for Tax Calculation only when and are present.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 30

Mapping Information

- **REST API Field: orderInformation.shippingDetails.shipFromLocality**
- **SCMP API Field: ship_from_city**
- **Simple Order API Field: shipFrom_city**

shipFrom_companyName

Name of company that is shipping the product.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40

Mapping Information

- REST API Field: No corresponding field name for this API
- SCMP API Field: **ship_from_company_name**
- Simple Order API Field: **shipFrom_companyName**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

shipFrom_email

Email address of the company that ships the product.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40

Mapping Information

- REST API Field: No corresponding field name for this API
- SCMP API Field: **ship_from_company_email**
- Simple Order API Field: **shipFrom_email**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

shipFrom_firstName

First name of the person who is shipping the product.

The combined length of this field and the **orderInformation.billTo.last.nameship_from_lastnameship_from_lastName** field must not exceed 40 characters.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40, see description

Mapping Information

- REST API Field: No corresponding field name for this API
- SCMP API Field: **ship_from_firstname**
- Simple Order API Field: **shipFrom_firstName**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

shipFrom_phoneNumber

Phone number of the company that ships the product.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15, see description

Mapping Information

- REST API Field: No corresponding field name for this API
- SCMP API Field: **ship_from_phone**
- Simple Order API Field: **shipFrom_phoneNumber**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

shipFrom_postalCode

Postal code for the address from which the goods are shipped, which is used to establish nexus, and which is used to determine tax rules and rates applied to the transaction based on sourcing.

The default is the postal code associated with your account. The postal code must consist of 5 to 9 digits.

U.S.

Format for 9-digit postal code in the U.S.: [5 digits][dash][4 digits]

Example: 12345-6789

Canada

Format for 6-digit postal code in Canada: [alpha][numeric][alpha][space] [numeric][alpha][numeric]

Example: A1B 2C3

This item-level field overrides the corresponding request-level field.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: orderInformation.shippingDetails.shipFromPostalCode**
- **SCMP API Field: ship_from_zip**
- **Simple Order API Field: shipFrom_postalCode**

shipFrom_street1

Street address from where the product is shipped.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40

Mapping Information

- REST API Field: No corresponding field for this API
- SCMP API Field: **ship_from_address1**
- Simple Order API Field: **shipFrom_street1**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

shipFrom_street2

Additional address information for the company that ships the product.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40

Mapping Information

- REST API Field: No corresponding field for this API
- SCMP API Field: **ship_from_address2**
- Simple Order API Field: **shipFrom_street2**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- American Express Direct: N/A

shipFrom_country

The country from where the product is shipped.

Use two-character ISO Standard Country Codes.

This item-level field overrides the corresponding request-level field.

This field is used for Tax Calculation only when **shipFrom_city** and **shipFrom_state** are present.

Specifications

American Express Direct

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.shippingDetails.shipFromCountry**
- **SCMP API Field: ship_from_country**
- **Simple Order API Field: shipFrom_country**

shipTo_buildingNumber

Building number in the street address.

Example: The building number is `187` in the following address:

```
Rua da Quitanda 187
```

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.shipTo.buildingNumber**
- **SCMP API Field: ship_to_building_number**
- **Simple Order API Field: shipTo_buildingNumber**

shipTo_city

City of the shipping address.

When **shipTo_city** is not included in the request and the service defaults to **billTo_city**, the value for **shipTo_city** is left blank in the Tax Detail Report.

This field is used for Tax Calculation only when the **shipTo_state** and **shipTo_country** fields are present.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 40

Mapping Information

- **REST API Field: orderInformation.shipTo.locality**
- **SCMP API Field: ship_to_city**
- **Simple Order API Field: shipTo_city**

shipTo_country

Country of the shipping address.

Use two-character ISO Standard Country Codes.

Tax Calculation

Optional field for U.S., Canadian, international tax, and value-added taxes.

When **shipTo_country** is not included in the request and the service defaults to **billTo_ country**, the value for **shipTo_country** is left blank in the Tax Detail Report

This field is used for Tax Calculaton only when the **shipTo_city** and **shipTo_state** fields are present.

Specifications

- **Data Type:** Request
- **Data Format:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.shipTo.country**
- **SCMP API Field: ship_to_country**
- **Simple Order API Field: shipTo_country**

shipTo_county (Request)

County of the shipping address.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 80

Mapping Information

- **SCMP API Field: ship_to_county**
- **Simple Order API Field: shipTo_county**

shipTo_destinationCode

Indicates destination chosen for the transaction.

Possible values:

- `01` : Ship to cardholder billing address.
- `02` : Ship to another verified address on file with merchant.
- `03` : Ship to address that is different than billing address.
- `04` : Ship to store (store address should be populated on request).
- `05` : Digital goods.
- `06` : Travel and event tickets, not shipped.
- `07` : Other.

Specifications

- **Field Type:** Request
- **Data Type:** Integer
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.shipTo.destinationCode**
- **SCMP API Field: ship_to_destination_code**
- **Simple Order API Field: shipTo_destinationCode**

shipTo_destinationTypes

Shipping destination.

Example Commercial, residential, store

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field:** No corresponding field.
- **SCMP API Field: ship_to_destination_types**
- **Simple Order API Field: shipTo_destinationTypes**

shipTo_district

Neighborhood, community, or region within a city or municipality.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: orderInformation.shipTo.district**
- **SCMP API Field: ship_to_district**
- **Simple Order API Field: shipTo_district**

shipTo_email

Email of the recipient, including full domain name.

Format: name@host.domain

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: orderInformation.shipTo.email**
- **SCMP API Field: ship-to-email**
- **Simple Order API Field: shipTo_email**

shipTo_phoneNumber

Phone number for the shipping address.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.shipTo.phoneNumber**
- **SCMP API Field: ship_to_phone**
- **Simple Order API Field: shipTo_phoneNumber**

shipTo_postalCode

Postal code for the shipping address.

The postal code must consist of 5 to 9 digits.

American Express Direct: Before sending the postal code to the processor, all non-alphanumeric characters are removed. When the remaining value is longer than nine characters, the value is truncated starting from the right side.

Canada

Format: [alpha][numeric][alpha][space][numeric][alpha][numeric]

Example: A1B 2C3

U.S.

Format: [5 digits][dash][4 digits]

Example: 12345-6789

Tax Calculation

When **shipTo_postalCode** is not included in the request and the service defaults to **billTo_postalCode**, the value for **shipTo_postalCode** is left blank in the Tax Detail Report.

When the postal code for the shipping address is not included in the request message, the postal code for the billing address is used for Tax Calculation. When the postal code for the billing address is not included in the request message, the postal code for the shipping address is required.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: orderInformation.shipTo.postalCode**
- **SCMP API Field: ship_to_zip**
- **Simple Order API Field: shipTo_postalCode**

shipTo_shippingMethod

Shipping method for the product.

Possible values:

- `lowcost`: Lowest-cost service.
- `sameday`: Courier or same-day service.
- `oneday`: Next-day or overnight service.
- `twoday`: Two-day service.
- `threeday`: Three-day service.
- `pickup`: Store pick-up.
- `other`: Other shipping method.
- `none`: No shipping method because product is a service or subscription.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: orderInformation.shippingDetails.shippingMethod**
- **SCMP API Field: shipping_method**
- **Simple Order API Field: shipTo_shippingMethod**

shipTo_state

State or province of the shipping address.

For the U.S., Canada, and Mainland China, use the ISO 3166-2 format for two-character state, province, or territory codes. For the U.S. and Canada, see State, Province, and Territory Codes for the United States and Canada.

For all countries, use the ISO 3166-2 format when using this field for Payer Authentication.

Tax Calculation

Optional field for U.S. and Canadian taxes. Does not apply to international and value-added taxes. Billing address objects are used to determine the cardholder's location when **shipTo** objects are not present.

When **shipTo_state** is not included in the request and the service defaults to **billTo_state** , the value for **shipTo_state** is left blank in the Tax Detail Report.

The default value for **shipTo_state** is **billTo_state** . This field is used for tax calculation only when the **shipTo_city** and **shipTo_country** fields are present.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.shipTo.administrativeArea**
- **SCMP API Field: ship_to_state**
- **Simple Order API Field: shipTo_state**

shipTo_street1

First line of the shipping address.

When **shipTo_street1** is not included in the request and the service defaults to **billTo_street1**, the value for **shipTo_street1** is left blank in the Tax Detail Report.

Specifications

- **Worldpay VAP:**
  - **Data Type:** Request
  - **Data Format:** String
  - **Data Length:** 35

Mapping Information

- **REST API Field: orderInformation.shipTo.address1**
- **SCMP API Field: ship_to_address1**
- **Simple Order API Field: shipTo_street1**

shipTo_street2

Second line of the shipping address.

Specifications

- **Worldpay VAP:**
  - **Data Type:** Request
  - **Data Format:** String
  - **Data Length:** 35

Mapping Information

- **REST API Field: orderInformation.shipTo.address2**
- **SCMP API Field: ship_to_address2**
- **Simple Order API Field: shipTo_street2**

subsequentAuth

Indicates whether the requested installment payment or recurring payment is a merchant-initiated transaction (MIT).

This field can be used with these request fields:

- The **processingInformation.commerceIndicator** field set to `recurring` (for recurring transactions) or `install` (for installment transactions).
- The **subsequentAuthReason** field set to any value supported for that field.

Possible values:

- `true`: Merchant-initiated transaction.
- `false`: Not a merchant-initiated transaction.

Visa Platform Connect

The value for this field does not correspond to any data in the TC 33 capture file.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.initiator.type**
- **SCMP API Field: subsequent_auth**
- **Simple Order API Field: subsequentAuth**

subsequentAuthFirst

Indicates whether the customer initiated the transaction and whether the credentials are stored for future authorizations.

Future authorizations that use the stored credentials can be merchant-initiated transactions or customer-initiated credentials-on-file transactions.

Possible values:

- `true`: Credentials from this transaction are stored for future authorizations.
- `false`: Credentials from this transaction are not stored for future authorizations.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR1
- Position: 136
- Field: POS Environment

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.initiator.credentialStoredOnFile**
- **SCMP API Field: subsequent_auth_first**
- **Simple Order API Field: subsequentAuthFirst**

subsequentAuthOriginalAmount

Amount of the original authorization.

This field is supported only for the following kinds of transactions with Discover:

- Merchant-initiated transactions.
- Recurring payments on FDC Nashville Global that use payment network tokens.
- Subsequent authorizations on FDC Nashville Global and Streamline.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 60

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.initiator.merchantInitiatedTransaction.originalAuth**
- **SCMP API Field: subsequent_auth_original_amount**
- **Simple Order API Field: subsequentAuthOriginalAmount**

subsequentAuthReason

Reason for the incremental authorization or merchant-initiated transaction.

This field is supported only for incremental authorizations and the five kinds of merchant-initiated transactions in this list of possible values:

- 1: Resubmission
- 2: Delayed charge
- 3: Reauthorization
- 4: No show
- 5: Incremental authorization
- 6: Partial shipment
- 7: Subscription
- 8: Standing order
- 9: Installment

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR0
- Position: 160-163
- Field: Message Reason Code

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.initiator.merchantInitiatedTransaction.reason**
- **SCMP API Field: subsequent_auth_reason**
- **Simple Order API Field: subsequentAuthReason**

subsequentAuthStoredCredential

Indicates whether you obtained the payment information from credentials on file (COF) instead of from the customer.

Possible values:

- `true`: Transaction uses COF.
- `false`: Transaction does not use COF.

When you use the Token Management Service, this field is set to `true` for you.

Specifications

- **Field Type:** Request
- **Type:** String
- **Length:** 5

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.initiator.storedCredentialUsed**
- **SCMP API Field: subsequent_auth_stored_credential**
- **Simple Order API Field: subsequentAuthStoredCredential**

subsequentAuthTransactionID

Network transaction identifier that was returned for a previous authorization in the series.

This field is supported only for installment payments on FDI Australia and merchant-initiated transactions.

The value for this field was returned in the **ccAuthReply_paymentNetworkTransactionID** field in the response message for either the original authorization in the series or the previous authorization in the series.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - 29 (Discover and Diners Club)
  - 15 (All other card types)

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.initiator.merchantInitiatedTransaction.previousTransactionID**
- **SCMP API Field: subsequent_auth_transaction_id**
- **Simple Order API Field: subsequentAuthTransactionID**

surchargeAmount

Surcharge amount that you are charging the customer for the transaction.

This field is supported on Visa Platform Connect and FDC Nashville Global.

The surcharge amount is included in the total transaction amount but is passed in a separate field to the issuer and acquirer for tracking. The issuer can provide information about the surcharge amount to the customer.

Canada Card-Present Transactions on Visa Platform Connect

Merchants in Canada must include surcharge information in authorization requests for card-present transactions on Visa Platform ConnectGPX.

Acquirers that have merchants in Canada must support this surcharge data in the TC 33 capture file:

- Record: CP01 TCR8
- Position: 5-12
- Field: Surcharge amount

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

PIN Debit Transactions on Visa Platform Connect

If you include a surcharge amount in the request, you must also use these fields:

- Include the surcharge amount in the value for **purchaseTotals_grandTotalAmount**
- Include the **surchargeSign** field in the request.

US Credit Card Transactions on FDC Nashville Global

Surcharge amount can be applied to card-present and card-not-present transactions on credit cards in US on FDC Nashville Global.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:**
  - All other processors: 15
  - FDC Nashville Global: 10 (1 byte (Alphanumeric, ASCII, or EBCDIC) and 8 bytes (Numeric, ASCII, or EBCDIC) – total 9 bytes)

Mapping Information

- **REST API Field: orderInformation.amountDetails.surcharge.amount**
- **SCMP API Field: surcharge_amount**
- **Simple Order API Field: surchargeAmount**

surchargeSign

Sign for the surcharge amount.

This field is supported only on Visa Platform Connect, FDC Nashville Global, and GPX.

Possible values:

- `C`: Surcharge amount will be credited to the customer's account.
- `D`: Surcharge amount will be debited from the customer's account.

Visa Platform Connect

PIN Debit Transactions on Visa Platform Connect

If you include this field in the request, you must also include the **surgargeAmount** field.

US Credit Card Transactions on FDC Nashville Global

Surcharge amount can be applied to card-present and card-not-present transactions on credit cards in US on FDC Nashville Global.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: surcharge_sign**
- **Simple Order API Field: surchargeSign**

taxManagementIndicator

Indicates how tax is calculated.

Possible values:

- `0`: Net prices with tax calculated at the line item level.
- `1`: Net prices with tax calculated at the invoice level.
- `2`: Gross prices with tax provided at the line item level.
- `3`: Gross prices with tax provided at the invoice level.
- `4`: No tax applied on the invoice for the transaction.

Specifications

Visa Platform Connect

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- REST API Field: **orderInformation.amountDetails.taxAppliedLevel**
- SCMP API Field: **tax_management_indicator**
- Simple Order API Field: **taxManagementIndicator**

Processor Field Names

The following list provides the Level II/Level III processor field name for each processor that supports Level II or Level III data:

- Visa Platform Connect: taxManagementIndicator

taxReply_commitIndicator

Echo commit action back to you.

Possible values:

- `true`
- `false`

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: taxInformation.commitIndicator**
- **SCMP API Field: tax_commit_indicator**
- **Simple Order API Field: taxReply_commitIndicator**

taxReply_grandTotalAmount

Sum of the item amounts and tax amounts.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 17

Mapping Information

- **REST API Field: orderInformation.amountDetails.totalAmount**
- **SCMP API Field: tax_total_grand**
- **Simple Order API Field: taxReply_grandTotalAmount**

taxReply_item_#_cityTaxAmount

City tax for the item.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Fields:**
  - **orderInformation.lineItems[].taxDetails[].type = "city"**
  - **orderInformation.lineItems[].taxDetails[].amount**
- **SCMP API Field: tax_city_tax0...N**
- **Simple Order API Field: taxReply_item_#_cityTaxAmount**

taxReply_item_#_countryTaxAmount

Country tax for the item.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Fields:**
  - **orderInformation.lineItems[].taxDetails[].type = "country"**
  - **orderInformation.lineItems[].taxDetails[].amount**
- **SCMP API Field: tax_country_tax0...N**
- **Simple Order API Field: taxReply_item_#_countryTaxAmount**

taxReply_item_#_cityTaxAmount

County tax for the item.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Fields:**
  - **orderInformation.lineItems[].taxDetails[].type = "county"**
  - **orderInformation.lineItems[].taxDetails[].amount**
- **SCMP API Field: tax_county_tax0...N**
- **Simple Order API Field: taxReply_item_#_countyTaxAmount**

taxReply_item_#_exemptAmount

Exempt amount for the item.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.lineItems[].exemptAmount**
- **SCMP API Field: tax_exempt_amount0…N**
- **Simple Order API Field: taxReply_item_#_exemptAmount**

taxReply_item_#_jurisdiction_#_code

Jurisdiction code assigned by the tax provider.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.lineItems[].jurisdiction[].code**
- **SCMP API Field: tax_offer#_jurisdiction#_code**
- **Simple Order API Field: taxReply_item_#_jurisdiction_#_code**

taxReply_item_#_jurisdiction_#_country

Jurisdiction country for the item.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.lineItems[].jurisdiction[].country**
- **SCMP API Field: tax_offer#_jurisdiction#_country**
- **Simple Order API Field: taxReply_item_#_jurisdiction_#_country**

taxReply_item_#_jurisdiction_#_name

Free-text description of the jurisdiction for the item. For example, San Mateo County

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.lineItems[].jurisdiction[].name**
- **SCMP API Field: tax_offer#_jurisdiction#_name**
- **Simple Order API Field: taxReply_item_#_jurisdiction_#_name**

taxReply_item_#_jurisdiction_#_rate

Jurisdiction tax rate for the item.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.lineItems[].jurisdiction[].rate**
- **SCMP API Field: tax_offer#_jurisdiction#_rate**
- **Simple Order API Field: taxReply_item_#_jurisdiction_#_rate**

taxReply_item_#_jurisdiction_#_region

Free-text description of the jurisdiction region for the item.

For example, CA (California State) or GB (Great Britain).

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.lineItems[].jurisdiction[].region**
- **SCMP API Field: tax_offer#_jurisdiction#_region**
- **Simple Order API Field: taxReply_item_#_jurisdiction_#_region**

taxReply_item_#_jurisdiction_#_taxable

Jurisdiction taxable amount for the item, not including product level exemptions.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.lineItems[].jurisdiction[].taxable**
- **SCMP API Field: tax_offer#_jurisdiction#_taxable**
- **Simple Order API Field: taxReply_item_#_jurisdiction_#_taxable**

taxReply_item_#_jurisdiction_#_taxAmount

Jurisdiction taxable amount for the item.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.lineItems[].jurisdiction[].taxAmount**
- **SCMP API Field: tax_offer#_jurisdiction#_tax_amount**
- **Simple Order API Field: taxReply_item_#_jurisdiction_#_taxAmount**

taxReply_item_#_jurisdiction_#_taxName

Name of the jurisdiction tax for the item.

For example, CA State Tax.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.lineItems[].jurisdiction[].taxName**
- **SCMP API Field: tax_offer#_jurisdiction#_tax_name**
- **Simple Order API Field: taxReply_item_#_jurisdiction_#_taxName**

taxReply_item_#_jurisdiction_#_type

Type of jurisdiction for the item.

For example, city, county, state, country, or special.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.lineItems[].jurisdiction[].type**
- **SCMP API Field: tax_offer#_jurisdiction#_type**
- **Simple Order API Field: taxReply_item_#_jurisdiction_#_type**

taxReply_item_#_specialTaxAmount

Special tax amount for the item.

Returned when the **taxReply_ item_#_jurisdiction_#_type** field is set to `special`.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Fields:**
  - **orderInformation.lineItems[].taxDetails[].type = "special"**
  - **orderInformation.lineItems[].taxDetails[].amount**
- **SCMP API Field: tax_special_tax0...N**
- **Simple Order API Field: taxReply_item_#_specialTaxAmount**

taxReply_item_#_stateTaxAmount

State tax for the item.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Fields:**
  - **orderInformation.lineItems[].taxDetails[].type = "state"**
  - **orderInformation.lineItems[].taxDetails[].amount**
- **SCMP API Field: tax_state_tax0...N**
- **Simple Order API Field: taxReply_item_#_stateTaxAmount**

taxReply_item_#_taxableAmount

Taxable amount for the item.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Fields: orderInformation.lineItems[].taxableAmount**
- **SCMP API Field: tax_taxable_amount0..N**
- **Simple Order API Field: taxReply_item_#_taxableAmount**

taxReply_item_#_totalTaxAmount

Total tax for the item.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.lineItems[].taxAmount**
- **SCMP API Field: tax_tax_amount0...N**
- **Simple Order API Field: taxReply_item_#_taxAmount**

taxReply_reasonCode

Numeric value corresponding to the result of the Tax Calculation service request.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field: No corresponding field.**
- **SCMP API Field: No corresponding field.**
- **Simple Order API Field: taxReply_reasonCode**

taxReply_refundIndicator

Echo refund action back to you.

Possible values:

- `true`
- `false`

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: taxInformation.refundIndicator**
- **SCMP API Field: tax_refund_indicator**
- **Simple Order API Field: taxReply_refundIndicator**

taxReply_totalCityTax

Total amount of city tax.

This value is the sum of the values for all the **taxReply_item_#_cityTaxAmount** fields

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Fields:**
  - **orderInformation.taxDetails[].type = "city"**
  - **orderInformation.taxDetails[].amount**
- **SCMP API Field: tax_total_city_tax**
- **Simple Order API Field: taxReply_totalCityTaxAmount**

taxReply_totalCountryTax

Total amount of country tax or Canada GST.

This value is the sum of the values for all the **taxReply_item_#_countryTaxAmount** fields

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Fields:**
  - **orderInformation.taxDetails[].type = "national"**
  - **orderInformation.taxDetails[].amount**
- **SCMP API Field: tax_total_country_tax**
- **Simple Order API Field: taxReply_totalCountryTaxAmount**

taxReply_totalCountyTax

Total amount of county tax

This value is the sum of the values for all the **taxReply_item_#_countyTaxAmount** fields

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Fields:**
  - **orderInformation.taxDetails[].type = "county"**
  - **orderInformation.taxDetails[].amount**
- **SCMP API Field: tax_total_county_tax**
- **Simple Order API Field: taxReply_totalCountyTaxAmount**

taxReply_totalExemptAmount

Total amount of exempt amounts.

This value is the sum of the values for all the `taxReply_item_#_exemptAmount` fields

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.exemptAmount**
- **SCMP API Field: tax_total_exempt_amount**
- **Simple Order API Field: taxReply_totalExemptAmount**

taxReply_totalSpecialTax

Total amount of special tax.

This value is the sum of the values for all the **taxReply_item_#_specialTaxAmount** fields

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Fields:**
  - **orderInformation.taxDetails[].type = "special"**
  - **orderInformation.taxDetails[].amount**
- **SCMP API Field: tax_total_special_tax**
- **Simple Order API Field: taxReply_totalSpecialTaxAmount**

taxReply_totalStateTax

Total amount of state tax or Canadian PST, HST, or QST

This value is the sum of the values for all the **taxReply_item_#_stateTaxAmount** fields

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Fields:**
  - **orderInformation.taxDetails[].type = "state"**
  - **orderInformation.taxDetails[].amount**
- **SCMP API Field: tax_total_state_tax**
- **Simple Order API Field: taxReply_totalStateTaxAmount**

taxReply_totalTaxableAmount

Total amount of all taxable amounts.

This value is the sum of the values for all the `taxReply_item_#_taxableAmount` fields

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.taxableAmount**
- **SCMP API Field: tax_total_taxable_amount**
- **Simple Order API Field: taxReply_totalTaxableAmount**

taxReply_totalTaxAmount

Total tax for all items.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: orderInformation.taxAmount**
- **SCMP API Field: tax_total_tax**
- **Simple Order API Field: taxReply_totalTaxAmount**

taxService_buyerRegistration

Buyer's VAT registration number.

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 25

Mapping Information

- **REST API Field: buyerInformation.vatRegistrationNumber**
- **SCMP API Field: buyer_registration**
- **Simple Order API Fields:**
  - **item_#_buyerRegistration**
  - **taxService_buyerRegistration**

taxService_commitIndicator

Indicates whether this is a committed tax transaction.

For a committed tax transaction, the status in the Tax Detail Report is “Committed.” For an uncommitted tax transaction, the status in the Tax Detail Report is “Uncommitted.”

Possible values:

- `true`: This is a committed tax transaction.
- `false` (default): This is not a committed tax transaction.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: taxInformation.commitIndicator**
- **SCMP API Field: tax_commit_indicator**
- **Simple Order API Field: taxService_commitIndicator**

taxService_dateOverrideReason

When a past or future date is specified in **invoiceHeader_invoiceDate** , provide the reason for that for audit purposes.

Typical reasons include:

- Return
- Layaway
- Imported

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 255

Mapping Information

- **REST API Field: taxInformation.dateOverrideReason**
- **SCMP API Field: tax_date_override_reason**
- **Simple Order API Field: taxService_dateOverrideReason**

taxService_nexus

List of states or provinces in which merchandise is taxable.

Do not use both the **taxService_nexus** and **taxService_noNexus** fields in your request. The default value for **taxService_nexus** is all states.

Use a single space to separate each state in the list. Use the State, Province, and Territory Codes for the United States and Canada.

When you indicate you do not have nexus in the destination state, jurisdiction level fields are left blank in the Tax Detail Report.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** no limit

Mapping Information

- **REST API Field: taxInformation.nexus**
- **SCMP API Field: nexus**
- **Simple Order API Field: taxService_nexus**

taxService_noNexus

List of states or provinces in which merchandise is not taxable.

Do not use both the **taxService_nexus** and **taxService_noNexus** fields in your request. The default value for **taxService_nexus** is all states.

Use a single space to separate each state in the list. Use the State, Province, and Territory Codes for the United States and Canada.

When you indicate you do not have nexus in the destination state, jurisdiction level fields are left blank in the Tax Detail Report.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** no limit

Mapping Information

- **REST API Field: taxInformation.noNexus**
- **SCMP API Field: no_nexus**
- **Simple Order API Field: taxService_noNexus**

taxService_orderOriginCity

City where you receive the customer's order.

This item-level field overrides the corresponding request-level field.

This field is not used for tax calculation unless the **taxService_orderOriginState** and **taxService_orderOriginCountry** fields are present

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: orderInformation.lineItems[].orderOrigin.locality**
- **SCMP API Field: order_origin_city**
- **Simple Order API Field: item_#_orderOriginCity**

taxService_ orderAcceptanceCity

City where you accept the customer's order.

This item-level field overrides the corresponding request-level field.

This field is not used for tax calculation unless the **taxService_orderAcceptanceState** and **taxService_orderAcceptanceCountry** fields are present.

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 50

Mapping Information

- **REST API Field: orderInformation.lineItems[].orderAcceptance.locality**
- **SCMP API Field: order_acceptance_city**
- **Simple Order API Field: item_#_orderAcceptanceCity**

taxService_ orderAcceptanceCountry

Country where you accept the customer's order.

Use two-character ISO Standard Country Codes.

This item-level field overrides the corresponding request-level field.

This field is not used for tax calculation unless the **taxService_orderAcceptanceState** and **taxService_orderAcceptanceCity** fields are present.

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.lineItems[].orderAcceptance.country**
- **SCMP API Field: order_acceptance_country**
- **Simple Order API Field: item_#_orderAcceptanceCountry**

taxService_orderAcceptancePostalCode

State where you accept the customer's order.

This item-level field overrides the corresponding request-level field.

This field is not used for Tax Calculation unless the **taxService_orderAcceptanceCity** and **taxService_orderAcceptanceCountry** fields are present.

Use the State, Province, and Territory Codes for the United States and Canada.

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.lineItems[].orderAcceptance.administrativeArea**
- **SCMP API Field: order_acceptance_state**
- **Simple Order API Field: item_#_orderAcceptanceState**

taxService_orderAcceptanceState

State where you accept the customer's order.

This item-level field overrides the corresponding request-level field.

This field is not used for Tax Calculation unless the **taxService_orderAcceptanceCity** and **taxService_orderAcceptanceCountry** fields are present.

Use the State, Province, and Territory Codes for the United States and Canada.

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.lineItems[].orderAcceptance.administrativeArea**
- **SCMP API Field: order_acceptance_state**
- **Simple Order API Field: item_#_orderAcceptanceState**

taxService_orderOriginCountry

Country where you receive the customer's order.

Use two-character ISO Standard Country Codes.

This item-level field overrides the corresponding request-level field.

This field is not used for tax calculation unless the **taxService_orderOriginState** and **taxService_orderOriginCity** fields are present.

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.lineItems[].orderOrigin.country**
- **SCMP API Field: order_origin_country**
- **Simple Order API Field: item_#_orderOriginCountry**

taxService_orderOriginPostalCode

Postal code where you receive the customer's order.

This item-level field overrides the corresponding request-level field.

This field is not used for Tax Calculation unless the **taxService_orderOriginCity** , **taxService_orderOriginState**, and **taxService_orderOriginCountry** fields are present.

Must be sent at the line or offer level to be surfaced in the Tax Detail Report.

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 10

Mapping Information

- **REST API Field: orderInformation.lineItems[].orderOrigin.postalCode**
- **SCMP API Field: order_origin_zip**
- **Simple Order API Field: item_#_orderOriginPostalCode**

taxService_orderOriginState

State where you receive the customer's order.

This item-level field overrides the corresponding request-level field.

This field is not used for tax calculation unless the **taxService_orderOriginCity** and **taxService_orderOriginCountry** fields are present

Use the State, Province, and Territory Codes for the United States and Canada.

Specifications

- **Field Type:** Item-level request
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: orderInformation.lineItems[].orderOrigin.administrativeArea**
- **SCMP API Field: order_origin_state**
- **Simple Order API Field: item_#_orderOriginState**

taxService_refundIndicator

Indicates whether this is a refund tax transaction.

For a refund tax transaction, amounts in the Tax Detail Report are negative.

Possible values:

- `true`: This is a refund tax transaction.
- `false` (default): This is not a refund tax transaction.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: taxInformation.refundIndicator**
- **SCMP API Field: tax_refund_indicator**
- **Simple Order API Field: taxService_refundIndicator**

taxService_reportingDate

Reporting date for the transaction.

This value is included in the Tax Detail Report. When you do not include this field in the request, the reporting date is set to the current date.

Format: yyyyMMdd.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 8

Mapping Information

- **REST API Field: taxInformation.reportingDate**
- **SCMP API Field: tax_reporting_date**
- **Simple Order API Field: taxService_reportingDate**

taxService_run

Services to process for the request.

Tax Calculation

Set this field to `TRUE` to request the tax service.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field.
- **SCMP API Field: No corresponding field.**
- **Simple Order API Field: taxService_run**

taxService_run

Services to process for the request.

Tax Calculation

Set this field to `TRUE` to request the tax service.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field.
- **SCMP API Field: No corresponding field.**
- **Simple Order API Field: taxService_run**

taxService_sellerRegistration

Your VAT seller registration number.

Only applicable if including one VAT seller registration numbers in the request. The VAT seller registration number may be required for some Canadian transactions.

There is also an item-level field named **item_#_sellerRegistration**.

Specifications

- **Field Type:** Item-level request
- **Data Type:** string
- **Data Length:** 25

Mapping Information

- **REST API Field: merchantInformation.vatRegistrationNumber**
- **SCMP API Field: seller_registration**
- **Simple Order API Field: item_#_sellerRegistration**

thirdPartyCertificationNumber

Value that identifies the application vendor and application version for a third-party gateway.

This field is supported only on Visa Platform Connect.

You are provided with this value during testing and validation.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 12

Mapping Information

- **REST API Field: clientReferenceInformation.partner.thirdPartyCertificationNumber**
- **SCMP API Field: third_party_certification_number**
- **Simple Order API Field: thirdPartyCertificationNumber**

token_expirationMonth

Month in which the token expires.

This field is returned only for merchant-initiated transactions with Elavon Americas.

This field is included in the response message when it decrypts the payment blob for the tokenized transaction.

Format: MM

Possible values: `01` through `12`.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 2

Mapping Information

- **REST API Field: paymentInformation.tokenizedCard.expirationMonth**
- **SCMP API Field: token_expiration_month**
- **Simple Order API Field: token_expirationMonth**

token_expirationYear

Year in which the token expires.

This field is returned only for merchant-initiated transactions with Elavon Americas.

This field is included in the response message when it decrypts the payment blob for the tokenized transaction.

Format: yyyy

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: paymentInformation.tokenizedCard.expirationYear**
- **SCMP API Field: token_expiration_year**
- **Simple Order API Field: token_expirationYear**

token_prefix

First six digits of token.

This field is returned only for merchant-initiated transactions with Elavon Americas.

This field is included in the response message when it decrypts the payment blob for the tokenized transaction.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: paymentInformation.tokenizedCard.prefix**
- **SCMP API Field: token_prefix**
- **Simple Order API Field: token_prefix**

token_suffix

Last four digits of token.

This field is returned only for merchant-initiated transactions with Elavon Americas.

This field is included in the response message when it decrypts the payment blob for the tokenized transaction.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: paymentInformation.tokenizedCard.suffix**
- **SCMP API Field: token_suffix**
- **Simple Order API Field: token_suffix**

tokenSource_networkTokenOption

Indicates whether Cybersource should use a payment network token that is associated with a TMS token for an authorization.

Possible values:

- `ignore`: Use a tokenized card number for an authorization, even if the TMS token has an associated payment network token.
- `prefer`: Use an associated payment network token for an authorization if the TMS token has one; otherwise, use the tokenized card number.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 6

Mapping Information

- **REST API Field: tokenInformation.networkTokenOption**
- **SCMP API Field: tms_network_token_option**
- **Simple Order API Field: tokenSource_networkTokenOption**

tokenSource_transientToken

Unique,time-limited identifier for the Token Management Service (TMS) transient token.

The 64 hexadecimal value representing captured payment credentials, including sensitive authentication data (SAD).

The **tokenSource_transientToken** field expires after 24 hours.

Use this ID in place of the payment data in a service request. When you include this value in your request, many of the fields that are normally required for an authorization or capture are not required.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 64

Mapping Information

- **REST API Field: tokenInformation.jti**
- **SCMP API Field: transient_token**
- **Simple Order API Field: tokenSource_transientToken**

transactionMode

Transaction mode identifier. Identifies the specific channel from which the transaction originates.

This API field is required for all mobile and telephone transactions from Saudi Arabia merchants.

Possible values:

- `M`: mobile order
- `T`: telephone order

Specifications

- **Field Type:** Request
- **Data Type:** Alphanumeric
- **Data Length:** 1

Mapping Information

- **REST API Field: processingInformation.authorizationOptions.transactionMode**
- **SCMP API Fields: transaction_mode**
- **Simple Order API Fields: transactionMode**

transactionReason

Transaction reason code. Sends the reason code as 5120, which indicates the sales tax/value added tax part of original credit transactions (OCTs).

Services

- **OCT Service**: Conditional

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 4

Mapping Information

- **REST API Field: processingInformation.transactionReason**
- **SCMP API Fields: transaction_reason**
- **Simple Order API Fields: transactionReason**

transactionLocalDateTime (Request)

Local date and time at your physical location.

Include both the date and time in this field or leave it blank.

Format: yyyyMMDDhhmmss

- MM = month
- yyyy = year
- DD = day
- hh = hour
- mm = minutes
- ss = seconds

Card-Present Transactions

This field is supported only on GPX, SIX, and Visa Platform Connect.

Visa Platform Connect and GPX

In Argentina, you must either include this field in the request, or your account must include a time zone:

- When you do not include this field, the value for this field is generated based on the time zone recorded in your account.
- When you do not include this field, and no time zone is recorded in your account, the value for this field is generated based on GMT when the request is received.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR9
- Position: 16-21
- Field: Local Date

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 14

Mapping Information

- **REST API Field: merchantInformation.transactionLocalDateTime**
- **SCMP API Field: transaction_local_date_time**
- **Simple Order API Fields:**
    - **ccIncrementalAuthService_transactionLocalDateTime**
    - **transactionLocalDateTime**

transactionLocalDateTime (Response)

Local date and time at your physical location.

Format: `yyyyMMDDhhmmss`

- MM = month
- yyyy = year
- DD = day
- hh = hour
- mm = minutes
- ss = seconds

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 14

Mapping Information

- **REST API Field: clientReferenceInformation.submitLocalDateTime**
- **SCMP API Field: transaction_local_date_time**
- **Simple Order API Field: transactionLocalDateTime**

ucaf_authenticationData

Universal cardholder authentication field (UCAF) data.

> **Important:** Mastercard has indicated that an issuing bank can downgrade an authorization request to a non-secure transaction when the UCAF collection indicator is `1` and UCAF authentication data is not present. An issuing bank can choose not to settle a downgraded Mastercard Identity Check transaction. When UCAF authentication data is not present, set the UCAF collection indicator to `0`.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR8
- Position: 126-157
- Field: Mastercard UCAF Data

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 32

Mapping Information

- **REST API Field: consumerAuthenticationInformation. ucafAuthenticationData**
- **SCMP API Field: ucaf_authentication_data**
- **Simple Order API Field: ucaf_authenticationData**

ucaf_collectionIndicator

Universal cardholder authentication field (UCAF) collection indicator.

Request Field

When you request the payer authentication and authorization services separately, get the value for this field from the **consumerAuthenticationInformation.ucafCollectionIndicatorpayerAuthValidateReply_ucafCollectionIndicator** response field.

Possible values:

- `0`: UCAF collection is not supported on your web site.
- `1`: UCAF collection is supported on your web site, and the UCAF was populated.
- `2`: UCAF collection is supported on your web site and the UCAF was populated. This value indicates a successful Mastercard Identity Check transaction. Use this value for Apple Pay and Samsung Pay transactions.

Response Field

The value for this response field is the UCAF collection indicator to which the transaction was downgraded.

> **Important:** A value of `0` for the UCAF collection indicator response field for a Mastercard transaction indicates that Mastercard downgraded the transaction. When Mastercard approves an authorization and downgrades it, you are responsible for the transaction. To confirm the downgrade, look at the e-commerce indicator for the transaction in the Business Center. You can proceed with the transaction if you want to accept responsibility. If you do not want to accept responsibility, reverse the authorization, attempt to authenticate the customer again, and request another authorization.

Visa Platform Connect

The value for this field corresponds to the following data in the TC 33 capture file.

- Record: CP01 TCR7
- Position: 5
- Field: Mastercard Electronic Commerce Indicators—UCAF Collection Indicator

The TC 33 capture file contains information about the payments and credits that a merchant submits to Cybersource. The processor creates the TC 33 capture file at the end of the day and sends it to the merchant's acquirer. The acquirer uses this information to facilitate end-of-day clearing processing with payment networks.

Specifications

- **Field Type:** Request and response
- **Data Type:** String with numbers only
- **Data Length:** 1

Mapping Information

- **REST API Field: consumerAuthenticationInformation. ucafCollectionIndicator**
- **SCMP API Field: ucaf_collection_indicator**
- **Simple Order API Field: ucaf_collectionIndicator**

ucaf_downgradeReasonCode

Reason the transaction was downgraded.

This field is returned only for downgraded Mastercard Identity Check transactions on Visa Platform Connect.

When you set the e-commerce indicator to a value that indicates that Mastercard Identity Check data is included in the request, Mastercard provides this value when the transaction is downgraded.

Possible values:

- 0: The **ucaf_authenticationData** field is missing.
- 1: The value for the **ucaf_authenticationData** field is invalid.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR6
- Position: 80
- Field: Mastercard Electronic Commerce Indicators

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field:** No corresonding field.
- **SCMP API Field: ucaf_downgrade_reason_code**
- **Simple Order API Field: ucaf_downgradeReasonCode**

vc_orderID

Identifier for a Visa Click to Pay order.

This field is supported for GPX and Visa Platform Connect.

Visa Click to Pay provides a unique order ID for every transaction in the Visa Click to Pay **callID** field.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 48

Mapping Information

- **REST API Field: processingInformation.visaCheckoutID**
- **SCMP API Field: vc_order_id**
- **Simple Order API Field: vc_orderID**

verificationResults_passportNumber

Verification result for the passport number that was sent in the zero dollar amount authorization request.

This field is supported only on Visa Platform Connect.

Possible values:

- `1`: Verified.
- `2`: Failed.
- `3`: Verification was not performed.
- `4`: Issuer does not support verification.

This field is included in the response when **billTo_passportNumber** is sent in the verification request.

In a zero amount authorization using Visa Platform Connect, merchants in Latin American countries must include the field when the value is available.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: buyerInformation.personalIdentification.type[] (PASSPORT_NUMBER)**
- **SCMP API Field: verification_results_passport_number**
- **Simple Order API Field: verificationResults_passportNumber**

verificationResults_personalId

Verification result for the personal ID number that was sent in the zero dollar amount authorization request.

This field is supported only on Visa Platform Connect.

Possible values:

- `1`: Verified.
- `2`: Failed.
- `3`: Verification was not performed.
- `4`: Issuer does not support verification.

This field is included in the response when **billTo_personalId** is sent in the verification request.

In a zero amount authorization using Visa Platform Connect, merchants in Latin American countries must include the field when the value is available.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: buyerInformation.personalIdentification.type[] (PERSONAL_ID)**
- **SCMP API Field: verification_results_personal-id**
- **Simple Order API Field: verificationResults_personalId**

verificationResults_driversLicenseNumber

Verification result for the driver's license number that was sent in the zero dollar amount authorization request.

This field is supported only on Visa Platform Connect.

Possible values:

- `1`: Verified.
- `2`: Failed.
- `3`: Verification was not performed.
- `4`: Issuer does not support verification.

This field is included in the response when **billTo_driversLicenseNumber** is sent in the verification request.

In a zero amount authorization using Visa Platform Connect merchants in Latin American countries must include the field when the value is available.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field: buyerInformation.personalIdentification.type[] (DRIVER_LICENSE)**
- **SCMP API Field: verification_results_driver_license_no**
- **Simple Order API Field: verificationResults_driversLicenseNumber**

verificationResults_merchantTaxID

Validation result in response to a verification request that has the **sender_personalIDType** field set to the value `TXIN` (tax identifier).

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 1

Mapping Information

- **REST API Field:**
  - **buyerInformation.personalIdentification.id**
  - **buyerInformation.personalIdentification.issuedBy**
  - **buyerInformation.personalIdentification.type**
  - **buyerInformation.personalIdentification.verificationResults (DRIVER_LICENSE)**
  - **buyerInformation.personalIdentification.verificationResults (PASSPORT_NUMBER)**
  - **buyerInformation.personalIdentification.verificationResults (PERSONAL_ID)**
- **Simple Order API Field: verificationResults_merchantTaxID**

voidReply_amount

Amount that was voided.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 15

Mapping Information

- **REST API Field: voidAmountDetails.voidAmount**
- **SCMP API Field: void_void_amount**
- **Simple Order API Field: voidReply_amount**

voidReply_creditAuthReversalResponse

Processor response code.

The processor provides this value when a credit authorization reversal does not succeed.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 3

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: void_credit_auth_reversal_response**
- **Simple Order API Field:voidReply_creditAuthReversalResponse**

voidReply_currency

Currency used for the order.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: voidAmountDetails.currency**
- **SCMP API Field: void_void_currency**
- **Simple Order API Field: voidReply_currency**

voidReply_reasonCode

Numeric value that corresponds to the result of the void request.

Specifications

- **Field Type:** Response
- **Data Type:** Integer
- **Data Length:** 5

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field:** No corresponding field
- **Simple Order API Field: voidReply_reasonCode**

voidReply_requestDateTime

Date and time when the service was requested.

PIN Debit

Time when the PIN debit credit, PIN debit purchase or PIN debit reversal was requested.

Returned by PIN debit credit, PIN debit purchase or PIN debit reversal.

Specifications

- **Field Type:** Response
- **Data Type:** Date and time
- **Data Length:** 20

Mapping Information

- **REST API Field: submitTimeUTC**
- **SCMP API Field: void_void_request_time**
- **Simple Order API Field: voidReply_requestDateTime**

voidService_run

Flag that specifies whether to include the void service in the request.

Possible values:

- `true`: Include the service in the request.
- `false` (default): Do not include the service in the request.

Specifications

- **Type:** String
- **Length:** 5

Mapping Information

- **SCMP API Field:** *No corresponding field*
- **Simple Order API Field: voidService_run**

voidService_voidRequestID

Request ID of the capture or credit you want to void.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 26

Mapping Information

- **REST API Field:** No corresponding field.
- **SCMP API Field: void_request_id**
- **Simple Order API Field: voidService_voidRequestID**

voidService_voidRequestToken

Value of the request token returned from a previous request for a service that you want to void.

This value is an encoded string that contains no confidential information, such as an account number or card verification number.

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 256

Mapping Information

- **REST API Field:** No corresponding field
- **SCMP API Field: void_request_token**
- **Simple Order API Field: voidService_voidRequestToken**

voidReply_reversalSubmitted

Flag that indicates whether a full authorization reversal was successfully submitted.

This field is returned only for FDC Nashville Global.

Possible values:

- true: Authorization reversal was successfully submitted.
- false: Authorization reversal was not successfully submitted. You must send a credit request for a refund.

Specifications

- **Field Type:** Response
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: authorizationInformation.reversalSubmitted**
- **SCMP API Field: reversal_submitted**
- **Simple Order API Field: voidReply_reversalSubmitted**

wallet_type

Type of wallet.

This field is supported only for Visa Click to Pay on FDC Compass, FDC Nashville Global, FDI Australia, TSYS Acquiring Solutions, and Visa Platform Connect.

Set the value for this field to `VCIND`.

On the following processors, the value that Cybersource sends to the processor is the value that the processor expects for this field:

- FDC Compass
- FDC Nashville Global
- FDI Australia
- TSYS Acquiring Solutions

Visa Platform Connect

This field is a *passthrough*; therefore, the value is not verified or modified in any way before it is sent to the processor.

The value for this field corresponds to the following data in the TC 33 capture file:

- Record: CP01 TCR8
- Position: 72-76
- Field: Agent Unique ID

Specifications

- **Field Type:** Request
- **Data Type:** String
- **Data Length:** 5

Mapping Information

- **REST API Field: processingInformation.walletType**
- **SCMP API Field: wallet_type**
- **Simple Order API Field: wallet_type**