



# Payments

API Version v2



Call the Payments API to authorize payments, capture authorized payments, refund payments that have already been captured, and show payment information. Use the Payments API in conjunction with the [Orders API](#). For more information, see the [PayPal Checkout Overview](#).

## Capture authorized payment

POST /v2/payments/authorizations/{authorization\_id} > Try it

Captures an authorized payment, by ID.

Security > Oauth2

Request ▾

### PATH PARAMETERS

authorization\_id

required

string

The PayPal-generated ID for the authorized payment to capture.

## HEADER PARAMETERS

PayPal-Request-Id

string

The server stores keys for 45 days.

Prefer

string

Default: `return=minimal`

The preferred server response upon successful completion of the request. Value is:

- `return=minimal`. The server returns a minimal response to optimize communication between the API caller and the server. A minimal response includes the `id`, `status` and HATEOAS links.
- `return=representation`. The server returns a complete resource representation, including the current state of the resource.

PayPal-Auth-Assertion

string

An API-caller-provided JSON Web Token (JWT) assertion that identifies the merchant. For details, see [PayPal-Auth-Assertion](#).

**Note:** For three party transactions in which a partner is managing the API calls on behalf of a merchant, the partner must identify the merchant using either a PayPal-Auth-Assertion header or an access token with target\_subject.

---

REQUEST BODY SCHEMA: application/json ▾

invoice\_id

string `[ 1 .. 127 ] characters`

The API caller-provided external invoice number for this order. Appears in both the payer's transaction history and the emails that the payer receives.

note\_to\_payer

string [ 1 .. 255 ] characters

An informational note about this settlement. Appears in both the payer's transaction history and the emails that the payer receives.

final\_capture

boolean

Default: false

Indicates whether you can make additional captures against the authorized payment. Set to true if you do not intend to capture additional payments against the authorization. Set to false if you intend to capture additional payments against the authorization.

payment\_instruction >

object

Any additional payment instructions to be consider during payment processing. This processing instruction is applicable for Capturing an order or Authorizing an Order.

soft\_descriptor

string <= 22 characters

The payment descriptor on the payer's account statement.

amount >

object

The amount to capture. To capture a portion of the full authorized amount, specify an amount. If amount is not specified, the full authorized amount is captured. The amount must be a positive number and in the same currency as the authorization against which the payment is being captured.

## Responses ▾

**200** A successful request returns the HTTP 200 OK status code and a JSON response body that shows captured payment details.

**201** A successful request returns the HTTP 201 Created status code and a JSON response body that shows captured payment details.

- 400** The request failed because it is not well-formed or is syntactically incorrect or violates schema. >
- 401** Authentication failed due to missing authorization header, or invalid authentication credentials. >
- 403** The request failed because the caller has insufficient permissions. >
- 404** The request failed because the resource does not exist. >
- 409** The server has detected a conflict while processing this request. >
- 422** The request failed because it is semantically incorrect or failed business validation. >
- 500** The request failed because an internal server error occurred.

## Request samples ▾

Payload

cURL

application/json

Sample 1 - 201 - Capture Authorized Payment with an empty request

Copy

{ }

## Response samples ▾

200

201

400

401

403

4 more ▾

application/json

## Sample 1 - 201 - Capture Authorized Payment with an empty request

[Copy](#)    [Expand all](#)    [Collapse all](#)

```
{  
    "id": "7TK53561YB803214S",  
    - "amount": {  
        "currency_code": "USD",  
        "value": "100.00"  
    },  
    "final_capture": true,  
    - "seller_protection": {  
        "status": "ELIGIBLE",  
        - "dispute_categories": [  
            "ITEM_NOT RECEIVED",  
            "UNAUTHORIZED TRANSACTION"  
        ]  
    },  
    - "seller_receivable_breakdown": {  
        - "gross_amount": {  
            "currency_code": "USD",  
            "value": "100.00"  
        },  
        - "paypal_fee": {  
            "currency_code": "USD",  
            "value": "3.98"  
        },  
        - "net_amount": {  
            "currency_code": "USD",  
            "value": "96.02"  
        },  
        "exchange_rate": {}  
    },  
    "invoice_id": "OrderInvoice-10_10_2024_12_58_20_pm",  
    "status": "PENDING",  
    - "status_details": {  
        "reason": "OTHER"  
    },  
    "create_time": "2024-10-14T21:37:10Z",  
    "update_time": "2024-10-14T21:37:10Z",  
}
```

```
- "links": [
  - {
    "href": "https://api.msmaster.qa.paypal.com/v2/payments/captures/7TK53561",
    "rel": "self",
    "method": "GET"
  },
  - {
    "href": "https://api.msmaster.qa.paypal.com/v2/payments/captures/7TK53561",
    "rel": "refund",
    "method": "POST"
  },
  - {
    "href": "https://api.msmaster.qa.paypal.com/v2/payments/authorizations/6D",
    "rel": "up",
    "method": "GET"
  }
]
```

}

## Refund captured payment

POST /v2/payments/captures/{capture\_id}/refund > Try it

Refunds a captured payment, by ID. For a full refund, include an empty payload in the JSON request body. For a partial refund, include an `amount` object in the JSON request body.

Security > Oauth2

Request ▾

### PATH PARAMETERS

capture\_id

required

string

The PayPal-generated ID for the captured payment to refund.

## HEADER PARAMETERS

PayPal-Request-Id

string

The server stores keys for 45 days.

Prefer

string

Default: `return=minimal`

The preferred server response upon successful completion of the request. Value is:

- `return=minimal`. The server returns a minimal response to optimize communication between the API caller and the server. A minimal response includes the `id`, `status` and HATEOAS links.
- `return=representation`. The server returns a complete resource representation, including the current state of the resource.

PayPal-Auth-Assertion

string

An API-caller-provided JSON Web Token (JWT) assertion that identifies the merchant. For details, see [PayPal-Auth-Assertion](#).

**Note:** For three party transactions in which a partner is managing the API calls on behalf of a merchant, the partner must identify the merchant using either a PayPal-Auth-Assertion header or an access token with `target_subject`.

REQUEST BODY SCHEMA: application/json ▾

custom\_id

string [ 1 .. 127 ] characters

The API caller-provided external ID. Used to reconcile API caller-initiated transactions with PayPal transactions. Appears in transaction and settlement reports. The pattern is defined by an external party and supports Unicode.

invoice\_id

string [ 1 .. 127 ] characters

The API caller-provided external invoice ID for this order. The pattern is defined by an external party and supports Unicode.

note\_to\_payer

string [ 1 .. 255 ] characters

The reason for the refund. Appears in both the payer's transaction history and the emails that the payer receives. The pattern is defined by an external party and supports Unicode.

amount >

object

The amount to refund. To refund a portion of the captured amount, specify an amount. If amount is not specified, an amount equal to captured amount - previous refunds is refunded. The amount must be a positive number and in the same currency as the one in which the payment was captured.

payment\_instruction >

object

Any additional refund instructions to be set during refund payment processing. This object is only applicable to merchants that have been enabled for PayPal Commerce Platform for Marketplaces and Platforms capability. Please speak to your account manager if you want to use this capability.

## Responses ▾

**200** A successful request returns the HTTP 200 OK status code and a JSON response body that shows refund details.

**201** A successful request returns the HTTP `201 Created` status code and a JSON response body that shows refund details.

**400** The request failed because it is not well-formed or is syntactically incorrect or violates schema.

**401** Authentication failed due to missing authorization header, or invalid authentication credentials.

**403** The request failed because the caller has insufficient permissions.

**404** The request failed because the resource does not exist.

**409** The request failed because a previous call for the given resource is in progress.

**422** The request failed because it either is semantically incorrect or failed business validation.

**500** The request failed because an internal server error occurred.

## Request samples ▾

Payload

cURL

application/json

Sample 1 - 201 - Refund Captured Payment with an empty request

Copy

{ }

## Response samples ▾

200

201

400

401

403

4 more ▾

application/json

Sample 1 - 201 - Refund Captured Payment with an empty request

[Copy](#)[Expand all](#)[Collapse all](#)

```
{  
    "id": "58K15806CS993444T",  
    - "amount": {  
        "currency_code": "USD",  
        "value": "89.00"  
    },  
    - "seller_payable_breakdown": {  
        - "gross_amount": {  
            "currency_code": "USD",  
            "value": "89.00"  
        },  
        - "paypal_fee": {  
            "currency_code": "USD",  
            "value": "0.00"  
        },  
        - "net_amount": {  
            "currency_code": "USD",  
            "value": "89.00"  
        },  
        - "total_refunded_amount": {  
            "currency_code": "USD",  
            "value": "100.00"  
        }  
    },  
    "invoice_id": "OrderInvoice-10_10_2024_12_58_20_pm",  
    "status": "COMPLETED",  
    "create_time": "2024-10-14T15:03:29-07:00",  
    "update_time": "2024-10-14T15:03:29-07:00",  
}
```

```
- "links": [
  - {
    "href": "https://api.msmaster.qa.paypal.com/v2/payments/refunds/58K15806C",
    "rel": "self",
    "method": "GET"
  },
  - {
    "href": "https://api.msmaster.qa.paypal.com/v2/payments/captures/7TK53561",
    "rel": "up",
    "method": "GET"
  }
]
```

## Reauthorize authorized payment

POST /v2/payments/authorizations/{authorization\_...} > Try it

Reauthorizes an authorized PayPal account payment, by ID. To ensure that funds are still available, reauthorize a payment after its initial three-day honor period expires. Within the 29-day authorization period, you can issue multiple re-authorizations after the honor period expires.

If 30 days have transpired since the date of the original authorization, you must create an authorized payment instead of reauthorizing the original authorized payment.

A reauthorized payment itself has a new honor period of three days.

You can reauthorize an authorized payment from 4 to 29 days after the 3-day honor period. The allowed amount depends on context and geography, for example in US it is up to 115% of the original authorized amount, not to exceed an increase of \$75 USD.

Supports only the `amount` request parameter.

## Security > Oauth2

### Request ▾

#### PATH PARAMETERS

authorization\_id

required

string

The PayPal-generated ID for the authorized payment to reauthorize.

#### HEADER PARAMETERS

PayPal-Request-Id

string

The server stores keys for 45 days.

Prefer

string

Default: `return=minimal`

The preferred server response upon successful completion of the request. Value is:

- `return=minimal`. The server returns a minimal response to optimize communication between the API caller and the server. A minimal response includes the `id`, `status` and HATEOAS links.
- `return=representation`. The server returns a complete resource representation, including the current state of the resource.

PayPal-Auth-Assertion

string

An API-caller-provided JSON Web Token (JWT) assertion that identifies the merchant. For details, see [PayPal-Auth-Assertion](#).

**Note:** For three party transactions in which a partner is managing the API calls on behalf of a merchant, the partner must identify the merchant using either a PayPal-Auth-Assertion header or an access token with target\_subject.

**REQUEST BODY SCHEMA:** application/json ▾

amount ➔

object

The amount to reauthorize for an authorized payment.

## Responses ▾

**200** A successful request returns the HTTP 200 OK status code and a JSON response body that shows the reauthorized payment details. ➔

**201** A successful request returns the HTTP 201 Created status code and a JSON response body that shows the reauthorized payment details. ➔

**400** The request failed because it is not well-formed or is syntactically incorrect or violates schema. ➔

**401** Authentication failed due to missing authorization header, or invalid authentication credentials. ➔

**403** The request failed because the caller has insufficient permissions. ➔

**404** The request failed because the resource does not exist. ➔

**422** The request failed because it either is semantically incorrect or failed business validation. ➔

**500** The request failed because an internal server error occurred.

## Request samples ▾

Payload

cURL

application/json

Sample 1 - 201 - Reauthorize Authorized Payment with an empty req...

Copy

{ }

## Response samples ▾

200

201

400

401

403

3 more ▾

application/json

Sample 1 - 201 - Reauthorize Authorized Payment with an empty req...

Copy

Expand all

Collapse all

```
{
  "id": "8AA831015G517922L",
  "status": "CREATED",
```

```
- "links": [
  - {
    "rel": "self",
    "method": "GET",
    "href": "https://api.paypal.com/v2/payments/authorizations/8AA831015G5179"
  },
  - {
    "rel": "capture",
    "method": "POST",
    "href": "https://api.paypal.com/v2/payments/authorizations/8AA831015G5179"
  },
  - {
    "rel": "void",
    "method": "POST",
    "href": "https://api.paypal.com/v2/payments/authorizations/8AA831015G5179"
  },
  - {
    "rel": "reauthorize",
    "method": "POST",
    "href": "https://api.paypal.com/v2/payments/authorizations/8AA831015G5179"
  }
]
```

## Show details for authorized payment

GET /v2/payments/authorizations/{authorization...} > Try it

Shows details for an authorized payment, by ID.

Security > Oauth2

Request ▾

PATH PARAMETERS

authorization\_id

required

string

The ID of the authorized payment for which to show details.

## HEADER PARAMETERS

PayPal-Auth-Assertion

string

An API-caller-provided JSON Web Token (JWT) assertion that identifies the merchant. For details, see [PayPal-Auth-Assertion](#).

**Note:** For three party transactions in which a partner is managing the API calls on behalf of a merchant, the partner must identify the merchant using either a PayPal-Auth-Assertion header or an access token with target\_subject.

## Responses ▾

**200** A successful request returns the HTTP [200 OK](#) status code and a JSON response body that shows authorization details. >

**401** Authentication failed due to missing authorization header, or invalid authentication credentials. >

**403** The request failed because the caller has insufficient permissions. >

**404** The request failed because the resource does not exist. >

**500** The request failed because an internal server error occurred.

## Request samples ▾

### cURL

Sample 1 - 200 - Show Authorized Payment Details

Copy

```
curl -v -X GET https://api-m.sandbox.paypal.com/v2/payments/authorizations/1234567890123456  
-H 'Content-Type: application/json' \  
-H 'Authorization: Bearer A21AAFs9YK9gWL6Vl6AqeoPtM-nf6JmtPOwAc8kfz'
```



## Response samples ▾

200

401

403

404

500

application/json

Sample 1 - 200 - Show Authorized Payment Details

Copy

Expand all

Collapse all

```
{  
  "id": "0VF52814937998046",  
  "status": "CREATED",  
  "amount": {  
    "value": "10.99",  
    "currency_code": "USD"  
  },  
  "invoice_id": "INVOICE-123",  
  "links": [  
    {  
      "rel": "self",  
      "href": "https://api-m.sandbox.paypal.com/v2/payments/authorizations/1234567890123456"  
    }  
  ]  
}
```

```
- "seller_protection": {
    "status": "ELIGIBLE",
- "dispute_categories": [
    "ITEM_NOT RECEIVED",
    "UNAUTHORIZED TRANSACTION"
]
},
- "payee": {
    "email_address": "merchant@example.com",
    "merchant_id": "7KNGBPH2U58GQ"
},
"expiration_time": "2017-10-10T23:23:45Z",
"create_time": "2017-09-11T23:23:45Z",
"update_time": "2017-09-11T23:23:45Z",
- "links": [
- {
    "rel": "self",
    "method": "GET",
    "href": "https://api-m.paypal.com/v2/payments/authorizations/0VF528149379"
},
- {
    "rel": "capture",
    "method": "POST",
    "href": "https://api-m.paypal.com/v2/payments/authorizations/0VF528149379"
},
- {
    "rel": "void",
    "method": "POST",
    "href": "https://api-m.paypal.com/v2/payments/authorizations/0VF528149379"
},
- {
    "rel": "reauthorize",
    "method": "POST",
    "href": "https://api-m.paypal.com/v2/payments/authorizations/0VF528149379"
}
]
}
```

## Show refund details

GET /v2/payments/refunds/{refund\_id} &gt;

Try it

Shows details for a refund, by ID.

Security > Oauth2

Request ▾

#### PATH PARAMETERS

refund\_id

required

string

The PayPal-generated ID for the refund for which to show details.

#### HEADER PARAMETERS

PayPal-Auth-Assertion

string

An API-caller-provided JSON Web Token (JWT) assertion that identifies the merchant. For details, see [PayPal-Auth-Assertion](#).

**Note:** For three party transactions in which a partner is managing the API calls on behalf of a merchant, the partner must identify the merchant using either a PayPal-Auth-Assertion header or an access token with target\_subject.

Responses ▾

**200** A successful request returns the HTTP [200 OK] status code and a JSON response body that shows refund details.

**401** Authentication failed due to missing authorization header, or invalid authentication credentials.

**403** The request failed because the caller has insufficient permissions.

**404** The request failed because the resource does not exist.

**500** The request failed because an internal server error occurred.

## Request samples ▾

### cURL

Sample 1 - 200 - Show Refund Details with Platform Fees

Copy

```
curl -v -X GET https://api-m.sandbox.paypal.com/v2/payments/refunds/{id}  
-H 'Content-Type: application/json' \  
-H 'Authorization: Bearer A21AAFs9YK9gWL6Vl6AqeoPtM-nf6JmtPOwAc8kfz'
```



## Response samples ▾

200

401

403

404

500

application/json

Sample 1 - 200 - Show Refund Details with Platform Fees

[Copy](#)[Expand all](#)[Collapse all](#)

```
{  
    "id": "1JU08902781691411",  
    - "amount": {  
        "value": "10.99",  
        "currency_code": "USD"  
    },  
    "status": "COMPLETED",  
    "note": "Defective product",  
    - "seller_payable_breakdown": {  
        - "gross_amount": {  
            "value": "10.99",  
            "currency_code": "USD"  
        },  
        - "paypal_fee": {  
            "value": "0.33",  
            "currency_code": "USD"  
        },  
        - "platform_fees": [  
            - {  
                - "amount": {  
                    "currency_code": "USD",  
                    "value": "1.00"  
                },  
                - "payee": {  
                    "email_address": "fee@example.com"  
                }  
            }  
        ],  
        - "net_amount": {  
            "value": "9.66",  
            "currency_code": "USD"  
        },  
        - "total_refunded_amount": {  
            "value": "10.99",  
            "currency_code": "USD"  
        }  
    },  
    "invoice_id": "INVOICE-123",  
    "create_time": "2018-09-11T23:24:19Z",  
    "update_time": "2018-09-11T23:24:19Z",  
}
```

```
- "links": [
  - {
    "rel": "self",
    "method": "GET",
    "href": "https://api-m.paypal.com/v2/payments/refunds/1JU08902781691411"
  },
  - {
    "rel": "up",
    "method": "GET",
    "href": "https://api-m.paypal.com/v2/payments/captures/2GG279541U471931P"
  }
]
```

## Void authorized payment

POST /v2/payments/authorizations/{authorization...} > Try it

Voids, or cancels, an authorized payment, by ID. You cannot void an authorized payment that has been fully captured.

Security > OAuth2

Request ▾

### PATH PARAMETERS

authorization\_id

required

string

The PayPal-generated ID for the authorized payment to void.

## HEADER PARAMETERS

PayPal-Auth-Assertion

string

An API-caller-provided JSON Web Token (JWT) assertion that identifies the merchant. For details, see [PayPal-Auth-Assertion](#).

**Note:** For three party transactions in which a partner is managing the API calls on behalf of a merchant, the partner must identify the merchant using either a PayPal-Auth-Assertion header or an access token with target\_subject.

PayPal-Request-Id

string

The server stores keys for 45 days.

Prefer

string

Default: `return=minimal`

The preferred server response upon successful completion of the request. Value is:

- `return=minimal`. The server returns a minimal response to optimize communication between the API caller and the server. A minimal response includes the `id`, `status` and HATEOAS links.
- `return=representation`. The server returns a complete resource representation, including the current state of the resource.

---

REQUEST BODY SCHEMA: application/json ▾

any

## Responses ▾

**200** A successful request returns the HTTP `200 OK` status code and a JSON response body that shows authorization details. This response is returned when the Prefer header is set to `return=representation`. [›](#)

**204** A successful request returns the HTTP `204 No Content` status code with no JSON response body. This response is returned when the Prefer header is set to `return=minimal`. [›](#)

**401** Authentication failed due to missing authorization header, or invalid authentication credentials. [›](#)

**403** The request failed because the caller has insufficient permissions. [›](#)

**404** The request failed because the resource does not exist. [›](#)

**409** The request failed because a previous call for the given resource is in progress. [›](#)

**422** The request failed because it either is semantically incorrect or failed business validation. [›](#)

**500** The request failed because an internal server error occurred.

## Request samples ▾

Payload

cURL

application/json

Sample 1 - 204 - Void Authorized Payment

[Copy](#)

{ }

## Response samples ▾

200

204

401

403

404

3 more ▾

application/json

Sample 1 - 204 - Void Authorized Payment

[Copy](#)

{ }

## Show captured payment details

GET /v2/payments/captures/{capture\_id} ▾

[Try it](#)

Shows details for a captured payment, by ID.

Security &gt; Oauth2

Request ▾

## PATH PARAMETERS

capture\_id  
required  
string

The PayPal-generated ID for the captured payment for which to show details.

## Responses ▾

**200** A successful request returns the HTTP `200 OK` status code and a JSON response body that shows captured payment details. 

**401** Authentication failed due to missing authorization header, or invalid authentication credentials. 

**403** The request failed because the caller has insufficient permissions. 

**404** The request failed because the resource does not exist. 

**500** The request failed because an internal server error occurred.

## Request samples ▾

### cURL

Sample 1 - 200 - Show Captured Payment Details

Copy

```
curl -v -X GET https://api-m.sandbox.paypal.com/v2/paymentscaptures/{capture_id}  
-H 'Content-Type: application/json' \  
-H 'Authorization: Bearer A21AAFs9YK9gWL6Vl6AqeoPtM-nf6JmtPOwAc8kf:
```



## Response samples ▾

200

401

403

404

500

---

application/json

Sample 1 - 200 - Show Captured Payment Details

Copy

Expand all

Collapse all

```
{  
    "id": "74L756601X447022Y",  
    - "amount": {  
        "currency_code": "USD",  
        "value": "100.00"  
    },  
    "final_capture": true,  
    - "seller_protection": {  
        "status": "ELIGIBLE",  
        - "dispute_categories": [  
            "ITEM_NOT RECEIVED",  
            "UNAUTHORIZED TRANSACTION"  
        ]  
    },  
    "disbursement_mode": "INSTANT",  
    - "seller_receivable_breakdown": {  
        - "gross_amount": {  
            "currency_code": "USD",  
            "value": "100.00"  
        },  
        - "paypal_fee": {  
            "currency_code": "USD",  
            "value": "3.98"  
        },  
        - "net_amount": {  
            "currency_code": "USD",  
            "value": "96.02"  
        }  
    },  
    "invoice_id": "OrderInvoice-23_10_2024_12_27_32_pm",  
    "status": "COMPLETED",  
}
```

```
- "supplementary_data": {
  - "related_ids": {
    "order_id": "25M43554V9523650M",
    "authorization_id": "0T620041CK889853A"
  }
},
- "payee": {
  "email_address": "merchant@example.com",
  "merchant_id": "YXZY75W2GKDQE"
},
"create_time": "2024-10-23T20:55:19Z",
"update_time": "2024-10-23T20:55:19Z",
- "links": [
  - {
    "href": "https://api-m.sandbox.paypal.com/v2/payments/captures/74L756601X",
    "rel": "self",
    "method": "GET"
  },
  - {
    "href": "https://api-m.sandbox.paypal.com/v2/payments/captures/74L756601X",
    "rel": "refund",
    "method": "POST"
  },
  - {
    "href": "https://api-m.sandbox.paypal.com/v2/payments/authorizations/0T620041CK889853A",
    "rel": "up",
    "method": "GET"
  }
]
```

}

## Errors

## AUTH\_CAPTURE\_CURRENCY\_MISMATCH

**Message:**

Currency of capture must be the same as currency of authorization.

**Description:**

Verify the currency of the capture and try the request again.

## AUTH\_CURRENCY\_MISMATCH

**Message:**

The currency specified during reauthorization should be the same as the currency specified in the original authorization. Please check the currency of the authorization for which you are trying to reauthorize and try again.

## AUTHENTICATION\_FAILURE

**Message:**

Authentication failed due to missing

authorization header, or invalid authentication credentials.

**Description:**

Account validations failed for the user.

## AUTHORIZATION\_ALREADY\_CAPTURED

**Message:**

Authorization has already been captured.

**Description:**

If `final_capture` is set to `true`, additional captures are not possible against the authorization.

## AUTHORIZATION\_AMOUNT\_EXCEEDED

**Description:** Authorization amount specified exceeded allowable limit. Specify a different amount and try the request again. Alternately, contact Customer Support to increase your limits. Local regulations (e.g. in PSD2 countries) prohibit overages above the amount authorized by the payer.

## AUTHORIZATION\_DENIED

**Message:**

A denied authorization cannot be captured.

**Description:**

You cannot capture a denied authorization.

## AUTHORIZATION\_EXPIRED

**Message:**

An expired authorization cannot be captured.

**Description:**

You cannot capture an expired authorization.

## AUTHORIZATION\_VOIDED

**Message:**

A voided authorization cannot be captured or reauthorized.

**Description:**

You cannot capture or reauthorize a voided authorization.

**CANNOT\_BE\_NEGATIVE**

**Description:** Must be greater than or equal to 0.

**CANNOT\_BE\_VOIDED****Message:**

A reauthorization cannot be voided.  
Please void the original parent authorization.

**Description:**

You cannot void a reauthorized payment. You must void the original parent authorized payment.

**CANNOT\_BE\_ZERO\_OR\_NEGATIVE**

**Message:**

Must be greater than zero. If the currency supports decimals, only two decimal place precision is supported.

**Description:**

Specify a different value and try the request again.

**CANNOT\_REFUND\_SELF**

**Description:** The payer and payee for the refund cannot be same.

**CAPTURE\_FULLY\_REFUNDED****Message:**

The capture has already been fully refunded.

**Description:**

You cannot capture additional refunds against this capture.

## CAPTURED\_AMOUNT\_FULLY\_REFUNDED

**Description:** The captured amount has already been fully refunded.

## CARD\_BILLING\_ADDRESS\_COUNTRY\_NOT\_SUPPORTED

**Description:** Specified country is not currently supported for payment processing.

## CARD\_BRAND\_NOT\_SUPPORTED

**Description:** Refund cannot be issued to this card. The card brand `card_brand` is not supported.  
Please try again with another card.

## CARD\_EXPIRED

**Description:** The card is expired.

## **CARD\_ISSUER\_COUNTRY\_NOT\_SUPPORTED**

**Description:** Card is issued by a financial institution for a country (e.g. Cuba, Iran, North Korea, Syria) that is not currently supported for payment processing.

## **CARD\_TYPE\_NOT\_SUPPORTED**

**Description:** Processing of this card type is not supported. Use another type of card.

## **COMPLIANCE\_VIOLATION**

**Description:** Transaction is declined due to compliance violation.

## CURRENCY\_MISMATCH

**Message:**

All amounts specified should be in the same currency. Please ensure that the currency for the 'amount' and that of 'platform\_fees.amount' is the same.

## CURRENCY\_NOT\_SUPPORTED\_FOR\_CARD\_BRAND

**Description:** Currency not supported for card specified. Card is `card_brand`. Only `currency_code` is supported for this brand of card.

## CURRENCY\_NOT\_SUPPORTED\_FOR\_CARD\_TYPE

**Description:** Currency code not supported for direct card payments using this card type. See [Currency codes](#) for list of supported currency codes.

## CURRENCY\_NOT\_SUPPORTED\_FOR\_COUNTRY

**Description:** Currency code not supported for card payments in your country.

## DECIMAL\_PRECISION

**Message:**  
The value of the field should not be more than two decimal places.

**Description:**  
If the currency supports decimals, only two decimal place precision is supported.

## DECIMALS\_NOT\_SUPPORTED

**Message:**  
Currency does not support decimals.

**Description:**  
Currency does not support

decimals. Please refer to  
<https://developer.paypal.com/docs/api/reference/currency-codes/> for more information.

## DELAYED\_DISBURSEMENT\_NOT\_SUPPORTED

**Message:**

The API Caller is not enabled to process transactions by specifying disbursement mode as delayed.

**Description:**

Verify the API caller is enabled to process transaction with delayed disbursement.

## DUPLICATE\_INVOICE\_ID

**Message:**

Requested invoice number has been previously captured. Possible duplicate transaction.

**Description:**

Payment for this invoice was already captured.

## **DUPLICATE\_REFUND**

**Description:** Requested invoice\_id has been previously refunded. Possible duplicate transaction.

## **DUPLICATE\_TRANSACTION**

**Description:** Duplicate invoice Id detected.

## **FX\_RATE\_CHANGE\_DUE\_TO\_MARKET\_EVENT**

**Description:** The FX rate associated with the specified FX rate ID has been changed due to market events. Please refer to the provided new\_fx\_id link to retrieve a new FX rate ID and try the request again.

## INSTRUMENT\_DECLINED

**Description:** The instrument presented was either declined by the processor or bank, or it can't be used for this payment.

## INTERNAL\_SERVER\_ERROR

**Message:**  
An internal server error has occurred.

**Description:**  
Try your request again later.

## INVALID\_ACCOUNT\_STATUS

**Message:**  
Account validations failed for the user.

**Description:**  
The user account could not be validated.

## INVALID\_ARRAY\_LENGTH

**Message:**

Request is not well-formed,  
syntactically incorrect, or violates  
schema.

**Description:**

The number of items in an array  
parameter is too small or too large.

## INVALID\_CARD\_NUMBER

**Description:** The card number is  
invalid.

## INVALID\_COUNTRY\_CODE

**Message:**

The requested action could not be  
performed, semantically incorrect,  
or failed business validation.

**Description:**

Country code is invalid. Please refer to <https://developer.paypal.com/docs/integration/direct/rest/country-codes/> for a list of supported country codes.

## INVALID\_CURRENCY\_CODE

**Message:**

Currency code should be a three-character ISO-4217 currency code.

**Description:**

Currency code is invalid or is not currently supported. Please refer to <https://developer.paypal.com/docs/api/reference/currency-codes/> for list of supported currency codes.

## INVALID\_FX\_RATE\_ID

**Description:** The specified FX Rate ID is not valid.

## INVALID\_INVOICE\_ID

**Message:**

Specified invoice\_id does not exist.

**Description:**

Please check the invoice\_id and try again.

## INVALID\_PARAMETER\_SYNTAX

**Message:**

The value of the field does not conform to the expected format.

**Description:**

Verify the specification for supported `pattern` and try the request again.

## INVALID\_PARAMETER\_VALUE

**Message:**

The value of a field is invalid.

**Description:**

Verify the specification for the allowed values and try the request again.

## **INVALID\_PAYEE\_ACCOUNT**

**Message:**

Payee account is invalid.

**Description:**

Verify the payee account information and try the request again.

## **INVALID\_PLATFORM\_FEES\_ACCOUNT**

**Message:**

The specified platform\_fees payee account is either invalid or account setup is incomplete. Please work with your PayPal Account Manager to enable this option for your account.

**Description:**

Verify the platform fee account set up is completed or correct account.

## INVALID\_PLATFORM\_FEES\_AMOUNT

**Message:**

The `platform_fees` amount cannot be greater than the capture amount.

**Description:**

Verify the `platform_fees` amount and try the request again.

## INVALID\_RESOURCE\_ID

**Message:**

Specified resource ID does not exist. Please check the resource ID and try again.

**Description:**

Verify the resource ID and try the request again.

## INVALID\_SECURITY\_CODE\_LENGTH

**Description:** The `security_code` length is invalid for the specified

card brand.

## INVALID\_STRING\_LENGTH

**Message:**

The value of a field is either too short or too long.

**Description:**

Verify the specification for the supported `min` and `max` values and try the request again.

## INVALID\_STRING\_MAX\_LENGTH

**Message:**

The value of a field is too long.

**Description:**

The parameter string is too long.

## KYC\_HOLD

**Message:**

The merchant's KYC status is incomplete.

**Description:** The payment was pending due to the merchant's incomplete KYC status.

## MALFORMED\_REQUEST\_JSON

**Message:**

Request is not well-formed, syntactically incorrect, or violates schema.

**Description:** The request JSON is not well formed.

## MAX\_CAPTURE\_AMOUNT\_EXCEEDED

**Message:**

Capture amount exceeds allowable limit. Please contact customer service or your account manager to request the change to your overage limit. The default overage limit is 115%, which allows the sum of all captures to be up to 115% of the order amount. Local regulations (e.g.

in PSD2 countries) prohibit overages above the amount authorized by the payer.

**Description:**

Specify a different amount and try the request again. Alternately, contact Customer Support to increase your limits.

## MAX\_CAPTURE\_COUNT\_EXCEEDED

**Message:**

Maximum number of allowable captures has been reached. No additional captures are possible for this authorization. Please contact customer service or your account manager to change the number of captures that can be made for a given authorization.

**Description:**

You cannot make additional captures.

## MAX\_NUMBER\_OF\_REFUNDS\_EXCEEDED

**Message:**

You have exceeded the number of

refunds that can be processed per capture.

**Description:**

Please contact customer support or your account manager to review the number of refunds that can be processed per capture.

**MAX\_PAYEE\_AMOUNT\_LIMIT\_EXCEEDED**

**Description:** Refund amount exceeds the allowed cumulative limit that the payee can receive.

**MAX\_PAYER\_AMOUNT\_LIMIT\_EXCEEDED**

**Description:** Refund amount exceeds the allowed cumulative limit that the payer can refund.

**MAX\_REFUND\_LIMIT\_EXCEEDED**

**Description:** Refund amount exceeds allowable limit. Specify a different amount and try the request again. Alternately, contact Customer Support to increase your limits.

## MISSING\_REQUIRED\_PARAMETER

**Message:**  
A required field / parameter is missing.

**Description:**  
Verify the specification for `required` fields and try the request again.

## MULTI\_CURRENCY\_CODE

**Message:**  
The requested action could not be performed, semantically incorrect, or failed business validation.

**Description:**  
Multiple differing values of `currency_code` are not supported. Entire request must have the same `currency_code`.

## MULTIPLE\_AUTHORIZATIONS\_FOUND

**Message:**

Cannot void multiple authorizations.

**Description:**

Specified invoice\_id is associated with more than one authorization.

## NOT\_AUTHORIZED

**Message:**

You do not have permission to access or perform operations on this resource.

**Description:**

To make API calls on behalf of a merchant, ensure that you have sufficient permissions to proceed with this transaction.

## PARTIAL\_REFUND\_NOT\_ALLOWED

**Message:**

You cannot do a refund for an amount less than the original capture amount.

**Description:**

Specify an amount equal to the capture amount or omit the `amount` object from the request. Then, try the request again.

**PAYEE\_ACCOUNT\_INVALID****Message:**

The requested action could not be performed, semantically incorrect, or failed business validation.

**Description:**

Payee account specified is invalid.  
Please check the `payee.merchant_id` specified and try again.

**PAYEE\_ACCOUNT\_LOCKED\_OR\_CLOSED****Message:**

Transaction could not complete

because payee account is locked or closed.

**Description:**

To get more information about the status of the account, call Customer Support.

## PAYEE\_ACCOUNT\_RESTRICTED

**Message:**

Payee account is restricted.

**Description:**

To get more information about the status of the account, call Customer Support.

## PAYEE\_FX\_RATE\_ID\_CURRENCY\_MISMATCH

**Description:** The specified FX Rate ID is for a currency that does not match with the currency of this request.

## PAYEE\_FX\_RATE\_ID\_EXPIRED

**Description:** The specified FX Rate ID has expired.

## PAYEE\_NOT\_CONSENTED

**Description:** Payee does not have appropriate consent to allow the API caller to process this type of transaction on their behalf. Your current setup requires the 'payee' to provide a consent before this transaction can be processed successfully.

## PAYEE\_REFUND\_AMOUNT\_LIMIT\_EXCEEDED

**Description:** Refund amount exceeds per transaction limit that the payee can receive.

## PAYER\_ACCOUNT\_LOCKED\_OR\_CLOSED

**Message:**

The payer account cannot be used for this transaction.

**Description:**

Contact the payer for an alternate payment method.

## PAYER\_ACCOUNT\_RESTRICTED

**Message:**

Payer account is restricted.

**Description:**

To get more information about the status of the account, call Customer Support.

## PAYER\_CANNOT\_PAY

**Message:**

Payer cannot pay for this transaction.

**Description:**

Please contact the payer to find other ways to pay for this transaction.

## PAYER\_REFUND\_AMOUNT\_LIMIT\_EXCEEDED

**Description:** Refund amount exceeds per transaction limit that the payer can refund.

## PENDING\_CAPTURE

**Message:**

Cannot initiate a refund as the capture is pending.

**Description:**

Capture is typically pending when the payer has funded the transaction by using an e-check or bank account.

## PERMISSION\_DENIED

**Message:**

You do not have permission to access or perform operations on this resource.

**Description:**

To make API calls on behalf of a merchant, ensure that you have sufficient permissions to proceed with this transaction.

**PERMISSION\_NOT\_GRANTED****Message:**

Payee of the authorization has not granted permission to perform capture on the authorization.

**Description:**

To make API calls on behalf of a merchant, ensure that you have sufficient permissions to capture the authorization.

**PLATFORM\_FEE\_EXCEEDED****Message:**

Platform fee amount specified exceeds the amount that is available

for refund. You can only refund up to the available platform fee amount. This error is also returned when no platform\_fee was specified or was zero when the payment was captured.

## PLATFORM\_FEE\_NOT\_ENABLED

**Message:**

The API Caller account is not setup to be able to process refunds with 'platform\_fees'. Please contact your Account Manager. This feature is useful when you want to contribute a portion of the 'platform\_fees' you had capture as part of the refund being processed.

## PLATFORM\_FEES\_NOT\_SUPPORTED

**Message:**

The API Caller is not enabled to process transactions by specifying 'platform\_fees'. Please work with your PayPal Account Manager to enable this option for your account.

**Description:**

Verify the API caller is enabled to

process the transaction with platform fees.

## PREVIOUS\_REQUEST\_IN\_PROGRESS

**Message:**

A previous request on this resource is currently in progress. Please wait for sometime and try again. It is best to space out the initial and the subsequent request(s) to avoid receiving this error.

**Description:**

This scenario only occurs when making multiple API requests on the same resource within a very short duration. To resolve this, API callers need to make subsequent requests with a delay.

## PREVIOUSLY\_CAPTURED

**Message:**

Authorization has been previously captured and hence cannot be voided.

**Description:**

This authorized payment was

already captured. You cannot capture it again.

## **PREVIOUSLY\_VOIDED**

**Message:**

Authorization has been previously voided and hence cannot be voided again.

**Description:**

This authorized payment was already voided. You cannot void it again.

## **RATE\_LIMIT\_REACHED**

**Message:**

Too many requests. Blocked due to rate limiting.

**Description:** The rate limit was reached.

## REAUTHORIZATION\_DECLINED\_BY\_PROCESSOR

**Description:** The reauthorization was declined by the processor.

## REAUTHORIZATION\_NOT\_SUPPORTED

**Message:**

A reauthorize cannot be attempted on an authorization\_id that is the result of a prior reauthorization or on an authorization made on an Order saved using the `v2/orders/{id}/save` API.

## REAUTHORIZATION\_NOT\_SUPPORTED\_FOR\_PAYMENT\_SOURCE

**Description:** Reauthorization is not supported for the payment source.

## REAUTHORIZATION\_TOO\_SOON

**Description:** A reauthorization is only allowed once from Day 4 to Day 29 since the date of the original authorization.

## REFUND\_AMOUNT\_EXCEEDED

**Message:**  
The refund amount must be less than or equal to the capture amount that has not yet been refunded.

**Description:**  
Verify the refund amount and try the request again.

## REFUND\_AMOUNT\_TOO\_LOW

**Message:**  
The amount after applying currency conversion is zero and hence the capture cannot be refunded. The currency conversion is required

because the currency of the capture is different than the currency in which the amount was settled into the payee account.

**Description:**

The amount after applying currency conversion is zero and hence the capture cannot be refunded. The currency conversion is required because the currency of the capture is different than the currency in which the amount was settled into the payee account.

## **REFUND\_CAPTURE\_CURRENCY\_MISMATCH**

**Message:**

Refund must be in the same currency as the capture.

**Description:**

Verify the currency of the refund and try the request again.

## **REFUND\_CURRENCY\_MISMATCH**

**Description:** Refund must be in the same currency as the capture.

## REFUND\_FAILED\_BY\_PAYMENT\_SOURCE

**Message:**

Refund was refused by the payment source.

**Description:**

We're unable to process refunds for the payer's selected payment source. Contact the payer directly to arrange a refund via alternative means.

## REFUND\_FAILED\_INSUFFICIENT\_FUNDS

**Message:**

Refund cannot be processed due to insufficient funds.

**Description:**

Capture could not be refunded due to insufficient funds. Please check to see if you have sufficient funds in your PayPal account or if the bank account linked to your PayPal account is verified and has sufficient funds.

## REFUND\_FUNDS\_NOT\_AVAILABLE

**Description:** There is no valid funding instrument linked to the account from which refund can be processed.

## REFUND\_IS\_RESTRICTED

**Message:**  
This refund can only be processed by the API caller that had 'captured' the transaction. If you facilitate your transactions via a platform/partner, please initiate a refund through them.

## REFUND\_NOT\_ALLOWED

**Message:**  
Capture cannot be refunded.

**Description:**  
You cannot refund this capture.

## **REFUND\_NOT\_PERMITTED\_DUE\_TO\_CHARGEBACK**

**Message:**

The requested action could not be performed, semantically incorrect, or failed business validation.

**Description:**

Refunds not allowed on this capture due to a chargeback on the card or bank. Please contact the payee to resolve the chargeback.

## **REFUND\_NOT\_SUPPORTED\_FOR\_PAYMENT\_SOURCE**

**Message:**

Refund was refused by the payment source.

**Description:**

Refunds are not supported for the payer's selected payment source. Contact the payer directly to arrange a refund via alternative means.

## **REFUND\_REFUSED\_BY\_PROCESSOR**

**Description:** The funding instrument linked to the account has been declined by either the processor or PayPal internal system.

## **REFUND\_TIME\_EXCEEDED\_FOR\_PAYMENT\_SOURCE**

**Message:**  
Refund was refused by the payment source.

**Description:**  
The time limit set by the payer's selected payment source to refund this transaction has expired. Contact the payer directly to arrange a refund via alternative means.

## **REFUND\_TIME\_LIMIT\_EXCEEDED**

**Message:**  
You are over the time limit to perform a refund on this capture.

**Description:**

The refund cannot be issued at this time.

**REFUND\_TRANSACTION\_REFUSED**

**Description:** PayPal's internal controls or user account settings prevent refund from being processed.

**SHIPPING\_ADDRESS\_INVALID****Message:**

Address field does not match the corresponding validation regex.

**SHIPPING\_ADDRESS\_NOT\_ALLOWED\_BY\_RESIDENCE\_COUNTRY****Message:**

The provided shipping address is not allowed by buyer's residency country.

## **TRANSACTION\_DISPUTED**

**Message:**

Partial refunds cannot be offered at this time because there is an open case on this transaction. Visit the PayPal Resolution Center to review this case.

**Description:**

Refund for an amount less than the remaining transaction amount cannot be processed at this time because of an open dispute on the capture. Please visit the PayPal Resolution Center to view the details.

## **TRANSACTION\_REFUSED**

**Message:**

PayPal's internal controls prevent authorization from being captured.

**Description:**

For more information about this transaction, contact customer support.

## UPDATE\_AUTHORIZATION\_NOT\_SUPPORTED

**Message:**

Update authorization is not allowed  
for this type of authorization.

## Definitions

### 3ds\_card\_brand

Card brand that the transaction was processed for authentication.

string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\$

Card brand that the transaction was processed for authentication.

Enum Value	Description
AMERICAN_EXPRESS	Card Brand Amex.
DISCOVER	Card Brand DISCOVER.
JCB	Card Brand JCB.

Enum Value	Description
MAESTRO	Card Brand MAESTRO.

Copy

"AMERICAN\_EXPRESS"

## activity\_timestamps

The date and time stamps that are common to authorized payment, captured payment, and refund transactions.

create\_time

string [ 20 .. 64 ] characters `^[0-9]{4}-(0[1-9]|1[0-2])-(0[1-9]|1[0-2])[0-9]|...` Show pattern

The date and time when the transaction occurred, in [Internet date and time format](#).

update\_time

string [ 20 .. 64 ] characters `^[0-9]{4}-(0[1-9]|1[0-2])-(0[1-9]|1[0-2])[0-9]|...` Show pattern

The date and time when the transaction was last updated, in [Internet date and time format](#).

Copy

```
{  
  "create_time": "string",  
  "update_time": "string"  
}
```

## altpay\_customer

Alternative Payment Method (APM) customer information.

merchant\_customer\_id

string [ 1 .. 64 ] characters

Merchants and partners may already have a data-store where their customer information is persisted. Use merchant\_customer\_id to get the ID of the merchant's customer.

Copy

```
{  
  "merchant_customer_id": "string"  
}
```

## amount\_breakdown

The breakdown of the amount. Breakdown provides details such as total item amount, total tax amount, shipping, handling, insurance, and discounts, if any.

```
item_total >  
object
```

The subtotal for all items. Required if the request includes purchase\_units[] .items[] .unit\_amount . Must equal the sum of (items[] .unit\_amount \* items[] .quantity) for all items. item\_total.value can not be a negative number.

```
shipping >  
object
```

The shipping fee for all items within a given purchase\_unit . shipping.value can not be a negative number.

handling >

object

The handling fee for all items within a given `purchase_unit`.

`handling.value` can not be a negative number.

tax\_total >

object

The total tax for all items. Required if the request includes

`purchase_units.items.tax`. Must equal the sum of `(items[].tax * items[].quantity)` for all items. `tax_total.value` can not be a negative number.

insurance >

object

The insurance fee for all items within a given `purchase_unit`.

`insurance.value` can not be a negative number.

shipping\_discount >

object

The shipping discount for all items within a given `purchase_unit`.

`shipping_discount.value` can not be a negative number.

discount >

object

The discount for all items within a given `purchase_unit`.

`discount.value` can not be a negative number.

Copy

Expand all

Collapse all

```
{  
  - "item_total": {  
      "currency_code": "str",  
      "value": "string"  
    },  
  - "shipping": {  
      "currency_code": "str",  
      "value": "string"  
    },  
}
```

```
- "handling": {  
    "currency_code": "str",  
    "value": "string"  
},  
- "tax_total": {  
    "currency_code": "str",  
    "value": "string"  
},  
- "insurance": {  
    "currency_code": "str",  
    "value": "string"  
},  
- "shipping_discount": {  
    "currency_code": "str",  
    "value": "string"  
},  
- "discount": {  
    "currency_code": "str",  
    "value": "string"  
}  
}
```

## amount\_with\_breakdown

The total order amount with an optional breakdown that provides details, such as the total item amount, total tax amount, shipping, handling, insurance, and discounts, if any.

If you specify `amount.breakdown`, the amount equals `item_total` plus `tax_total` plus `shipping` plus `handling` plus `insurance` minus `shipping_discount` minus `discount`.

The amount must be a positive number. For listed of supported currencies and decimal precision, see the PayPal REST APIs [Currency Codes](#).

currency\_code

required

string = 3 characters

The **three-character ISO-4217 currency code** that identifies the currency.

value

required

string <= 32 characters

The value, which might be:

- An integer for currencies like `JPY` that are not typically fractional.
- A decimal fraction for currencies like `TND` that are subdivided into thousandths.

For the required number of decimal places for a currency code, see [Currency Codes](#).

breakdown >

object

The breakdown of the amount. Breakdown provides details such as total item amount, total tax amount, shipping, handling, insurance, and discounts, if any.

Copy

Expand all

Collapse all

```
{  
  "currency_code": "str",  
  "value": "string",
```

```
- "breakdown": {  
    - "item_total": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "shipping": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "handling": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "tax_total": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "insurance": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "shipping_discount": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "discount": {  
        "currency_code": "str",  
        "value": "string"  
    }  
}
```

```
}
```

## apple\_pay\_attributes

Additional attributes associated with apple pay.

customer ›

object

This object represents a merchant's customer, allowing them to store contact details, and track all payments associated with the same customer.

vault ›

object

Base vaulting specification. The object can be extended for specific use cases within each payment\_source that supports vaulting.

Copy

Expand all

Collapse all

```
{  
  - "customer": {  
      "id": "string",  
      "email_address": "string",  
      - "phone": {  
          "phone_type": "FAX",  
          - "phone_number": {  
              "national_number": "string"  
            }  
        },  
        - "name": {  
            "given_name": "string",  
            "surname": "string"  
          }  
      },  
      - "vault": {  
          "store_in_vault": "ON_SUCCESS"  
        }  
    }  
}
```

## apple\_pay\_decrypted\_token\_data

Information about the Payment data obtained by decrypting Apple Pay token.

device\_manufacturer\_id

string [ 1 .. 2000 ] characters

Apple Pay Hex-encoded device manufacturer identifier. The pattern is defined by an external party and supports Unicode.

payment\_data\_type

string [ 1 .. 16 ] characters

Indicates the type of payment data passed, in case of Non China the payment data is 3DSECURE and for China it is EMV.

Enum Value	Description
3DSECURE	The card was authenticated using 3D Secure (3DS) authentication scheme. While using this value make sure to populate cryptogram and eci_indicator as part of payment data..
EMV	The card was authenticated using EMV method, which is applicable for China. While using this value make sure to pass emv_data and pin as part of payment data.

transaction\_amount >

object

The transaction amount for the payment that the payer has approved on apple platform.

tokenized\_card >

required

object

Apple Pay tokenized credit card used to pay.

```
payment_data >  
object
```

Apple Pay payment data object which contains the cryptogram, eci\_indicator and other data.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{  
    "device_manufacturer_id": "string",  
    "payment_data_type": "3DSECURE",  
    - "transaction_amount": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "tokenized_card": {  
        "name": "string",  
        "number": "stringstrings",  
        "expiry": "string",  
        "card_type": "VISA",  
        "type": "CREDIT",  
        "brand": "VISA",  
        - "billing_address": {  
            "address_line_1": "string",  
            "address_line_2": "string",  
            "admin_area_2": "string",  
            "admin_area_1": "string",  
            "postal_code": "string",  
            "country_code": "st"  
        }  
    },  
    - "payment_data": {  
        "cryptogram": "string",  
        "eci_indicator": "string",  
        "emv_data": "string",  
        "pin": "string"  
    }  
}
```

## apple\_pay\_experience\_context

Customizes the payer experience during the approval process for the payment.

return\_url

**required**

string

The URL where the customer is redirected after the customer approves the payment.

cancel\_url

**required**

string

The URL where the customer is redirected after the customer cancels the payment.

Copy

```
{  
  "return_url": "string",  
  "cancel_url": "string"  
}
```

## apple\_pay\_payment\_data

Information about the decrypted apple pay payment data for the token like cryptogram, eci indicator.

cryptogram

string [ 1 .. 2000 ] characters

Online payment cryptogram, as defined by 3D Secure. The pattern is defined by an external party and supports Unicode.

eci\_indicator

string [ 1 .. 256 ] characters

ECI indicator, as defined by 3- Secure. The pattern is defined by an external party and supports Unicode.

emv\_data

string [ 1 .. 2000 ] characters

Encoded Apple Pay EMV Payment Structure used for payments in China. The pattern is defined by an external party and supports Unicode.

pin

string [ 1 .. 2000 ] characters

Bank Key encrypted Apple Pay PIN. The pattern is defined by an external party and supports Unicode.

Copy

```
{  
  "cryptogram": "string",
```

```
    "eci_indicator": "string",
    "emv_data": "string",
    "pin": "string"
}
```

## assurance\_details

Information about cardholder possession validation and cardholder identification and verifications (ID&V).

account\_verified

boolean

Default: `false`

If true, indicates that Cardholder possession validation has been performed on returned payment credential.

card\_holder\_authenticated

boolean

Default: `false`

If true, indicates that identification and verifications (ID&V) was performed on the returned payment credential. If false, the same risk-based authentication can be performed as you would for card transactions. This risk-based authentication can include, but not limited to, step-up with 3D Secure protocol if applicable.

Copy

```
{  
  "account_verified": false,  
  "card_holder_authenticated": false  
}
```

## authentication\_response

Results of Authentication such as 3D Secure.

liability\_shift  
string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\$

Liability shift indicator. The outcome of the issuer's authentication.

Enum Value	Description
NO	Liability is with the merchant.
POSSIBLE	Liability may shift to the card issuer.
UNKNOWN	The authentication system is not available.

three\_d\_secure >

object

Results of 3D Secure Authentication.

[Copy](#) [Expand all](#) [Collapse all](#)

```
{  
    "liability_shift": "NO",  
    "three_d_secure": {  
        "authentication_status": "Y",  
        "enrollment_status": "Y"  
    }  
}
```

## authentication\_type

Indicates the type of authentication that was used to challenge the card holder.

string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\$

Indicates the type of authentication that was used to challenge the card holder.

Enum Value	Description
STATIC	Indicates fixed password.
DYNAMIC	Indicates one-time password. Could be single-step or multi-step.
OUT_OF_BAND	Indicates biometric over the phone.

Enum Value	Description
DECOUPLED	Indicates decoupled authentication.

 Copy "STATIC"

## authorization

The authorized payment transaction.

status

string

The status for the authorized payment.

Enum Value	Description
CREATED	The authorized payment is created. No captured payments have been made for this authorized payment.

Enum Value	Description
	The authorized payment has one or more captures against it. The sum of these
status_details >	
object	
	The details of the authorized order pending status.
id	
string	
	The PayPal-generated ID for the authorized payment.
invoice_id	
string	
	The API caller-provided external invoice number for this order. ▾
	Appears in both the payer's transaction history and the emails that the payer receives.
custom_id	
string	<= 255 characters
	The API caller-provided external ID. Used to reconcile API caller-initiated transactions with PayPal transactions. Appears in transaction and settlement reports.
links >	
Array of objects	
	An array of related <b>HATEOAS links</b> .
amount >	
object	
	The amount for this authorized payment.
network_transaction_reference >	
object	
	Reference values used by the card network to identify a transaction.
seller_protection >	
object	
	The level of protection offered as defined by <b>PayPal Seller Protection for Merchants</b> .
expiration_time	
string	[ 20 .. 64 ] characters
	^[0-9]{4}-(0[1-9] 1[0-2])-(0[1-9] 1[1-2])-[0-9]{4}
	Show pattern

The date and time when the authorized payment expires, in [Internet date and time format](#).

create\_time

string [ 20 .. 64 ] characters [^\[0-9\]{4}-\(0\[1-9\]|1\[0-2\]\)-\(0\[1-9\]|1\[2-9\]\)|...](#) Show pattern

The date and time when the transaction occurred, in [Internet date and time format](#).

update\_time

string [ 20 .. 64 ] characters [^\[0-9\]{4}-\(0\[1-9\]|1\[0-2\]\)-\(0\[1-9\]|1\[2-9\]\)|...](#) Show pattern

The date and time when the transaction was last updated, in [Internet date and time format](#).

Copy

Expand all

Collapse all

```
{  
    "status": "CREATED",  
    - "status_details": {  
        "reason": "PENDING REVIEW"  
    },  
    "id": "string",  
    "invoice_id": "string",  
    "custom_id": "string",  
    - "links": [  
        - {  
            "href": "string",  
            "rel": "string",  
            "method": "GET"  
        }  
    ],  
    - "amount": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "network_transaction_reference": {  
        "id": "stringstr",  
        "date": "stri",  
        "acquirer_reference_number": "string",  
        "network": "VISA"  
    },  
}
```

```
- "seller_protection": {  
    "status": "ELIGIBLE",  
- "dispute_categories": [  
    "string"  
]  
},  
"expiration_time": "string",  
"create_time": "string",  
"update_time": "string"  
}
```

## Authorization

The authorized payment transaction.

status

string

The status for the authorized payment.

Enum Value	Description
CREATED	The authorized payment is created. No captured payments have been made for this authorized payment.
CAPTURED	The authorized payment has one or more captures against it. The sum of these captured payments is greater than the amount of the original authorized payment.

Enum Value	Description
status_details > object	The details of the authorized order pending status.
id string	The PayPal-generated ID for the authorized payment.
invoice_id string	The API caller-provided external invoice number for this order. Appears in both the payer's transaction history and the emails that the payer receives.
custom_id string <span data-bbox="349 811 577 832">&lt;= 255 characters</span>	The API caller-provided external ID. Used to reconcile API caller-initiated transactions with PayPal transactions. Appears in transaction and settlement reports.
links > Array of objects	An array of related <b>HATEOAS links</b> .
amount > object	The amount for this authorized payment.
network_transaction_reference > object	Reference values used by the card network to identify a transaction.
seller_protection > object	The level of protection offered as defined by <b>PayPal Seller Protection for Merchants</b> .
expiration_time string <span data-bbox="251 1824 577 1845">[ 20 .. 64 ] characters</span> <span data-bbox="691 1824 1214 1845">^[0-9]{4}-(0[1-9] 1[0-2])-(0[1-9] 1[0-2])</span> [0-9] ... Show pattern	The date and time when the authorized payment expires, in <b>Internet date and time format</b> .

create\_time

string [ 20 .. 64 ] characters [^\[0-9\]{4}-\(0\[1-9\]|1\[0-2\]\)-\(0\[1-9\]|1\[0-2\]\)\[0-9\]|...](#) Show pattern

The date and time when the transaction occurred, in [Internet date and time format](#).

update\_time

string [ 20 .. 64 ] characters [^\[0-9\]{4}-\(0\[1-9\]|1\[0-2\]\)-\(0\[1-9\]|1\[0-2\]\)\[0-9\]|...](#) Show pattern

The date and time when the transaction was last updated, in [Internet date and time format](#).

supplementary\_data >

object

An object that provides supplementary/additional data related to a payment transaction.

payee >

object

The details associated with the merchant for this transaction.

Copy

Expand all

Collapse all

```
{
  "status": "CREATED",
  - "status_details": {
      "reason": "PENDING REVIEW"
    },
  "id": "string",
  "invoice_id": "string",
  "custom_id": "string",
  - "links": [
    - {
        "href": "string",
        "rel": "string",
        "method": "GET"
      }
    ],
}
```

```
- "amount": {  
    "currency_code": "str",  
    "value": "string"  
},  
- "network_transaction_reference": {  
    "id": "stringstr",  
    "date": "stri",  
    "acquirer_reference_number": "string",  
    "network": "VISA"  
},  
- "seller_protection": {  
    "status": "ELIGIBLE",  
    - "dispute_categories": [  
        "string"  
    ]  
},  
"expiration_time": "string",  
"create_time": "string",  
"update_time": "string",  
- "supplementary_data": {  
    - "related_ids": {  
        "order_id": "string",  
        "authorization_id": "string",  
        "capture_id": "string"  
    }  
},  
- "payee": {  
    "email_address": "string",  
    "merchant_id": "string"  
}  
}
```

## authorization\_status

The status fields and status details for an authorized payment.

**status**

string

The status for the authorized payment.

Enum Value	Description
CREATED	The authorized payment is created. No captured payments have been made for this authorized payment.
CAPTURED	The authorized payment has one or more captures against it. The sum of these captured payments is greater than the amount of the original authorized payment.
DENIED	PayPal cannot authorize funds for this authorized payment.

status\_details &gt;

object

The details of the authorized order pending status.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{  
  "status": "CREATED",  
  - "status_details": {  
    "reason": "PENDING REVIEW"  
  }  
}
```

## authorization\_status\_details

The details of the authorized payment status.

reason

string [ 1 .. 64 ] characters ^[A-Z\_]+\$

The reason why the authorized status is PENDING.

Enum Value	Description
PENDING_REVIEW	Authorization is pending manual review.
DECLINED_BY_RISK_FRAUD_FILTERS	Risk Filter set by the payee failed for the transaction.

Copy

```
{  
  "reason": "PENDING_REVIEW"  
}
```

## BIC

The business identification code (BIC). In payments systems, a BIC is used to identify a specific business, most commonly a bank.

```
string [ 8 .. 11 ] characters ^[A-Z-a-z0-9]{4}[A-Z-a-z]{2}[A-Z-a-z0-9]{2}  
([...]) Show pattern
```

The business identification code (BIC). In payments systems, a BIC is used to identify a specific business, most commonly a bank.

Copy

```
"stringst"
```

## Billing Cycle

The billing cycle providing details of the billing frequency, amount, duration and if the billing cycle is a free, discounted or regular billing cycle.

```
id  
string [ 1 .. 128 ] characters Show pattern
```

The unique identifier for this billing cycle or recurring series.

`current_period`

`boolean`

Indicates if this period, with its subscription terms, is currently active.

`billing_interval_unit`

`string` [ 1 .. 24 ] characters

The billing interval unit for the billing cycle.

Enum Value	Description
<code>YEAR</code>	The billing interval for the billing cycle is a year.
<code>MONTH</code>	The billing interval for the billing cycle is a month.
<code>SEMIMONTH</code>	The billing interval for the billing cycle is half a month.
<code>WEEK</code>	The billing interval for the billing cycle is a week.
<code>DAY</code>	The billing interval for the billing cycle is a day.

`billing_frequency`

`integer` [ 1 .. 365 ]

Default: 1

The frequency, i.e. the number of billing interval units, at which the user is charged. E.g. - if the `billing_interval_unit` is `DAY`, with a `billing_frequency` of 2, the user is billed once every two days.

`total_billing_cycles`

`integer` [ 0 .. 999 ]

Default: 1

The number of billing cycles in the period. This is effectively the number of times the user will be charged in the period.

`current_billing_cycle`

`integer` [ 0 .. 999 ]

Indicates the index of the current billing cycle for the period. E.g. - a value of 3 would mean that it's the third billing cycle for the

period.

regular\_period

boolean

Indicates if the period is a regular period. A regular period would have standard billing cycle terms, as opposed to some special terms that might be applicable for a trial or promotional period.

create\_time

string [ 20 .. 64 ] characters ^[0-9]{4}-(0[1-9]|1[0-2])-([0-9]{1}|[1-2][0-9])... Show pattern

The create date and time for this billing cycle or recurring series.

update\_time

string [ 20 .. 64 ] characters ^[0-9]{4}-(0[1-9]|1[0-2])-([0-9]{1}|[1-2][0-9])|... Show pattern

The update date and time for this billing cycle or recurring series.

billing\_amount >

## object

The amount that the user will be charged in each billing cycle.

shipping\_amount >

## object

The shipping charges applicable for each cycle.

`tax_amount >`

## object

The tax amount applicable for each cycle

Copy

[Expand all](#)

Collapse all

```
{  
  "id": "string",  
  "current_period": true,  
  "billing_interval_unit": "YEAR",  
  "billing_frequency": 1,  
  "total_billing_cycles": 1,  
  "current_billing_cycle": 999,  
  "regular_period": true,  
  "create_time": "string",  
}
```

```
"update_time": "string",
- "billing_amount": {
    "currency_code": "str",
    "value": "string"
},
- "shipping_amount": {
    "currency_code": "str",
    "value": "string"
},
- "tax_amount": {
    "currency_code": "str",
    "value": "string"
}
}
```

## billing\_agreement\_id

The PayPal billing agreement ID. References an approved recurring payment for goods or services.

string [ 2 .. 128 ] characters ^[a-zA-Z0-9-]+\$

The PayPal billing agreement ID. References an approved recurring payment for goods or services.

Copy

"string"

## billing\_cycle

The billing cycle providing details of the billing frequency, amount, duration and if the billing cycle is a free, discounted or regular billing cycle. The sequence of the billing cycle will be in the following order - free trial billing cycle(s), discounted trial billing cycle(s), regular billing cycle(s).

tenure\_type

required

string [ 1 .. 24 ] characters

The tenure type of the billing cycle identifies if the billing cycle is a trial(free or discounted) or regular billing cycle.

Enum Value	Description
REGULAR	A regular billing cycle to identify recurring charges for the billing agreement.
TRIAL	A trial billing cycle to identify free or discounted charge for the billing agreement. Free trials will not have a price object in pricing scheme where as a discounted trial would have a discounted price compared to regular billing cycle.

total\_cycles

integer [ 0 .. 999 ]

Default: 1

The number of times this billing cycle gets executed. Trial billing cycles can only be executed a finite number of times (value between 1 and 999 for total\_cycles ). Regular billing cycles can be executed infinite times (value of 0 for total\_cycles ) or a

finite number of times (value between `1` and `999` for `total_cycles`).

sequence

integer `[ 1 .. 3 ]`

Default: `1`

The order in which this cycle is to run among other billing cycles. For example, a trial billing cycle has a `sequence` of `1` while a regular billing cycle has a `sequence` of `2`, so that trial cycle runs before the regular cycle.

`pricing_scheme` >

object

The active pricing scheme for this billing cycle. A free trial billing cycle does not require a pricing scheme.

`start_date`

string `= 10 characters` `^[0-9]{4}-(0[1-9]|1[0-2])-(0[1-9]|1[2-9])[0-9]|...` Show pattern

The start date for the billing cycle, in YYYY-MM-DD. This field should be not be provided if the billing cycle starts at the time of checkout. When this field is not provided, the billing cycle amount will be included in any data validations confirming that the total provided by the merchant match the sum of individual items due at the time of checkout. Only one billing cycle (with sequence equal to 1) can have a no start date.

Copy

Expand all

Collapse all

```
{  
  "tenure_type": "REGULAR",  
  "total_cycles": 1,  
  "sequence": 1,
```

```
- "pricing_scheme": {  
    "pricing_model": "FIXED",  
- "price": {  
    "currency_code": "str",  
    "value": "string"  
},  
- "reload_threshold_amount": {  
    "currency_code": "str",  
    "value": "string"  
}  
},  
"start_date": "string"  
}
```

## bin\_details

Bank Identification Number (BIN) details used to fund a payment.

bin

string [ 1 .. 25 ] characters

The Bank Identification Number (BIN) signifies the number that is being used to identify the granular level details (except the PII information) of the card.

issuing\_bank

string [ 1 .. 64 ] characters

The issuer of the card instrument.

products

Array of strings [ 1 .. 256 ] items

The type of card product assigned to the BIN by the issuer. These values are defined by the issuer and may change over time. Some examples include: PREPAID\_GIFT, CONSUMER, CORPORATE.

bin\_country\_code  
string = 2 characters ^([A-Z]{2}|C2)\$

The **two-character ISO-3166-1 country code** of the bank.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{  
  "bin": "string",  
  "issuing_bank": "string",  
  - "products": [  
    "string"  
  ],  
  "bin_country_code": "string"  
}
```

## blik\_experience\_context

Customizes the payer experience during the approval process for the BLIK payment.

brand\_name  
string [ 1 .. 127 ] characters

The label that overrides the business name in the PayPal account on the PayPal site. The pattern is defined by an external party and supports Unicode.

shipping\_preference

string [ 1 .. 24 ] characters

Default: "GET\_FROM\_FILE"

The location from which the shipping address is derived.

Enum Value	Description
GET_FROM_FILE	Get the customer-provided shipping address on the PayPal site.
NO_SHIPPING	Redacts the shipping address from the PayPal site. Recommended for digital goods.
SET_PROVIDED_ADDRESS	Get the merchant-provided address. The customer cannot change this address on the PayPal site. If merchant does not pass an address, customer can choose the address on PayPal

locale

string [ 2 .. 10 ] characters ^[a-z]{2}(:-[A-Z][a-z]{3})?(:-(?:[A-Z]{2}|[...]

Show pattern

The BCP 47-formatted locale of pages that the PayPal payment experience shows. PayPal supports a five-character code. For example, da-DK, he-IL, id-ID, ja-JP, no-NO, pt-BR, ru-RU, sv-SE, th-TH, zh-CN, zh-HK, or zh-TW.

return\_url

string

The URL where the customer is redirected after the customer approves the payment.

cancel\_url

string

The URL where the customer is redirected after the customer cancels the payment.

consumer\_user\_agent

string [ 1 .. 256 ] characters

The payer's User Agent. For example, Mozilla/5.0 (Macintosh; Intel Mac OS X x.y; rv:42.0).

consumer\_ip

```
string [ 7 .. 39 ] characters ^(([0-9]|[1-9][0-9]|1[0-9]{2}|2[0-4][0-9]|25[...]) Show pattern
```

The IP address of the consumer. It could be either IPv4 or IPv6.

Copy

```
{  
    "brand_name": "string",  
    "shipping_preference": "GET_FROM_FILE",  
    "locale": "string",  
    "return_url": "string",  
    "cancel_url": "string",  
    "consumer_user_agent": "string",  
    "consumer_ip": "string"  
}
```

## blik\_level\_0

Information used to pay using BLIK level\_0 flow.

auth\_code

**required**

string = 6 characters

The 6-digit code used to authenticate a consumer within BLIK.

Copy

```
{  
  "auth_code": "string"  
}
```

## blik\_one\_click

Information used to pay using BLIK one-click flow.

auth\_code

string = 6 characters

The 6-digit code used to authenticate a consumer within BLIK.

consumer\_reference

**required**

string [ 3 .. 64 ] characters

The merchant generated, unique reference serving as a primary identifier for accounts connected between Blik and a merchant.

alias\_label

string [ 8 .. 35 ] characters

A bank defined identifier used as a display name to allow the payer to differentiate between multiple registered bank accounts.

alias\_key

string [ 1 .. 19 ] characters

A Blik-defined identifier for a specific Blik-enabled bank account that is associated with a given merchant. Used only in conjunction with a Consumer Reference.

Copy

```
{  
  "auth_code": "string",  
  "consumer_reference": "string",  
  "alias_label": "stringst",  
  "alias_key": "string"  
}
```

## callback\_configuration

CallBack Configuration that the merchant can provide to PayPal/Venmo.

callback\_events

required

Array of strings [ 1 .. 5 ] items unique

An array of callback events merchant can subscribe to for the corresponding callback url.

callback\_url

required

string [ 10 .. 2040 ] characters ^.\*\$

Merchant provided CallBack url.PayPal/Venmo will use this url to call the merchant back when the events occur .PayPal/Venmo expects a secured url usually in the https format.merchant can append the cart id or other params part of the url as query or path params.

Copy

Expand all

Collapse all

```
{  
  - "callback_events": [  
    "string"  
  ],  
  "callback_url": "http://example.com"  
}
```

## capture

A captured payment.

create\_time

string [ 20 .. 64 ] characters ^[0-9]{4}-(0[1-9]|1[0-2])-(0[1-9]|1[0-2])[0-9]|... Show pattern

The date and time when the transaction occurred, in [Internet date and time format](#).

update\_time

string [ 20 .. 64 ] characters ^[0-9]{4}-(0[1-9]|1[0-2])-(0[1-9]|1[1-2])[0-9]|... Show pattern

The date and time when the transaction was last updated, in [Internet date and time format](#).

id

string

The PayPal-generated ID for the captured payment.

invoice\_id

string

The API caller-provided external invoice number for this order.

Appears in both the payer's transaction history and the emails that the payer receives.

custom\_id

string <= 255 characters

The API caller-provided external ID. Used to reconcile API caller-initiated transactions with PayPal transactions. Appears in transaction and settlement reports.

final\_capture

boolean

Default: false

Indicates whether you can make additional captures against the authorized payment. Set to true if you do not intend to capture additional payments against the authorization. Set to false if you intend to capture additional payments against the authorization.

links >

Array of objects

An array of related [HATEOAS links](#).

amount >

object

The amount for this captured payment.

network\_transaction\_reference >

object

Reference values used by the card network to identify a transaction.

seller\_protection >

object

The level of protection offered as defined by [PayPal Seller Protection for Merchants](#).

seller\_receivable\_breakdown >

object

The detailed breakdown of the capture activity. This is not available for transactions that are in pending state.

disbursement\_mode

string [ 1 .. 16 ] characters ^[A-Z\_]+\$

Default: "INSTANT"

The funds that are held on behalf of the merchant.

Enum Value	Description
INSTANT	The funds are released to the merchant immediately.
DELAYED	The funds are held for a finite number of days. The actual duration depends on the region and type of integration. You can release the funds through a referenced payout. Otherwise, the funds disbursed automatically after the specified duration.

processor\_response >

object

An object that provides additional processor information for a direct credit card transaction.

Copy

Expand all

Collapse all

```
{  
    "create_time": "string",  
    "update_time": "string",  
    "id": "string",  
    "invoice_id": "string",  
    "custom_id": "string",  
    "final_capture": false,  
    - "links": [  
        - {  
            "href": "string",  
            "rel": "string",  
            "method": "GET"  
        }  
    ],  
    - "amount": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "network_transaction_reference": {  
        "id": "stringstr",  
        "date": "stri",  
        "acquirer_reference_number": "string",  
        "network": "VISA"  
    },  
    - "seller_protection": {  
        "status": "ELIGIBLE",  
        - "dispute_categories": [  
            "string"  
        ]  
    },  
}
```

```
- "seller_receivable_breakdown": {  
    - "platform_fees": [  
        - {  
            - "amount": {  
                "currency_code": "str",  
                "value": "string"  
            },  
            - "payee": {  
                "email_address": "string",  
                "merchant_id": "string"  
            }  
        }  
    ],  
    - "gross_amount": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "paypal_fee": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "paypal_fee_in_receivable_currency": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "net_amount": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "receivable_amount": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "exchange_rate": {  
        "value": "string",  
        "source_currency": "str",  
        "target_currency": "str"  
    }  
},  
"disbursement_mode": "INSTANT",  
- "processor_response": {  
    "avs_code": "A",  
    "cvv_code": "E",  
    "response_code": "0000",  
    "payment_advice_code": "01"  
}  
}
```

## Capture Identifier

The capture identification-related fields. Includes the invoice ID, custom ID, note to payer, and soft descriptor.

invoice\_id

string [ 1 .. 127 ] characters

The API caller-provided external invoice number for this order.

Appears in both the payer's transaction history and the emails that the payer receives.

note\_to\_payer

string [ 1 .. 255 ] characters

An informational note about this settlement. Appears in both the payer's transaction history and the emails that the payer receives.

Copy

```
{  
  "invoice_id": "string",  
  "note_to_payer": "string"  
}
```

# Capture Request

Captures either a portion or the full authorized amount of an authorized payment.

invoice\_id

string [ 1 .. 127 ] characters

The API caller-provided external invoice number for this order.

Appears in both the payer's transaction history and the emails that the payer receives.

note\_to\_payer

string [ 1 .. 255 ] characters

An informational note about this settlement. Appears in both the payer's transaction history and the emails that the payer receives.

final\_capture

boolean

Default: false

Indicates whether you can make additional captures against the authorized payment. Set to true if you do not intend to capture additional payments against the authorization. Set to false if you intend to capture additional payments against the authorization.

payment\_instruction >

object

Any additional payment instructions to be consider during payment processing. This processing instruction is applicable for Capturing an order or Authorizing an Order.

soft\_descriptor

string <= 22 characters

The payment descriptor on the payer's account statement.

amount >

## object

The amount to capture. To capture a portion of the full authorized amount, specify an amount. If amount is not specified, the full authorized amount is captured. The amount must be a positive number and in the same currency as the authorization against which the payment is being captured.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{  
    "invoice_id": "string",  
    "note_to_payer": "string",  
    "final_capture": false,  
    "payment_instruction": {  
        - "platform_fees": [  
            - {  
                - "amount": {  
                    "currency_code": "str",  
                    "value": "string"  
                },  
                - "payee": {  
                    "email_address": "string",  
                    "merchant_id": "string"  
                }  
            }  
        ],  
        "payee_receivable_fx_rate_id": "string",  
        "disbursement_mode": "INSTANT"  
    },  
    "soft_descriptor": "string",  
    - "amount": {  
        "currency_code": "str",  
        "value": "string"  
    }  
}
```

## capture\_status

The status and status details of a captured payment.

status

string

The status of the captured payment.

Enum Value	Description
COMPLETED	The funds for this captured payment were credited to the payee's PayPal account.
DECLINED	The funds could not be captured.
PARTIALLY_REFUNDED	An amount less than this captured payment's amount was partially refunded to the payer.
PENDING	The funds for this captured payment was not yet credited to the payee's PayPal account. For more information, see

status\_details >

object

The details of the captured payment status.

[Copy](#)    [Expand all](#)    [Collapse all](#)

```
{  
    "status": "COMPLETED",  
    "status_details": {  
        "reason": "BUYER_COMPLAINT"  
    }  
}
```

## capture\_status\_details

The details of the captured payment status.

reason

string [ 1 .. 64 ] characters `^[A-Z_]+$`

The reason why the captured payment status is `PENDING` or `DENIED`.

Enum Value	Description
BUYER_COMPLAINT	The payer initiated a dispute for this captured payment with PayPal

Enum Value

Description

 Copy

```
{  
  "reason": "BUYER_COMPLAINT"  
}
```

## Captured Payment

A captured payment.

create\_time

string [ 20 .. 64 ] characters  ^[0-9]{4}-(0[1-9]|1[0-2])-(0[1-9]|1-2)[0-9]|... Show pattern

The date and time when the transaction occurred, in [Internet date and time format](#).

update\_time

string [ 20 .. 64 ] characters  ^[0-9]{4}-(0[1-9]|1[0-2])-(0[1-9]|1-2)[0-9]|... Show pattern

The date and time when the transaction was last updated, in [Internet date and time format](#).

id

string

The PayPal-generated ID for the captured payment.

invoice\_id

string

The API caller-provided external invoice number for this order.

Appears in both the payer's transaction history and the emails that the payer receives.

custom\_id

string <= 255 characters

The API caller-provided external ID. Used to reconcile API caller-initiated transactions with PayPal transactions. Appears in transaction and settlement reports.

final\_capture

boolean

Default: false

Indicates whether you can make additional captures against the authorized payment. Set to true if you do not intend to capture additional payments against the authorization. Set to false if you intend to capture additional payments against the authorization.

links »

Array of objects

An array of related **HATEOAS links**.

amount »

object

The amount for this captured payment.

network\_transaction\_reference »

object

Reference values used by the card network to identify a transaction.

seller\_protection »

object

The level of protection offered as defined by **PayPal Seller Protection for Merchants**.

seller\_receivable\_breakdown »

object

The detailed breakdown of the capture activity. This is not available for transactions that are in pending state.

disbursement\_mode

string [ 1 .. 16 ] characters ^[A-Z\_]+\$

Default: "INSTANT"

The funds that are held on behalf of the merchant.

Enum Value	Description
INSTANT	The funds are released to the merchant immediately.
DELAYED	The funds are held for a finite number of days. The actual duration depends on the region and type of integration. You can release the funds through a referenced payout. Otherwise, the funds disbursed automatically after the specified duration.

processor\_response &gt;

object

An object that provides additional processor information for a direct credit card transaction.

supplementary\_data &gt;

object

An object that provides supplementary/additional data related to a payment transaction.

payee &gt;

object

The details associated with the merchant for this transaction.

Copy

Expand all

Collapse all

```
{
  "create_time": "string",
  "update_time": "string",
  "id": "string",
```

```
"invoice_id": "string",
"custom_id": "string",
"final_capture": false,
- "links": [
- {
    "href": "string",
    "rel": "string",
    "method": "GET"
},
],
- "amount": {
    "currency_code": "str",
    "value": "string"
},
- "network_transaction_reference": {
    "id": "stringstr",
    "date": "stri",
    "acquirer_reference_number": "string",
    "network": "VISA"
},
- "seller_protection": {
    "status": "ELIGIBLE",
- "dispute_categories": [
    "string"
]
},
}
```

```
- "seller_receivable_breakdown": {  
    - "platform_fees": [  
        - {  
            - "amount": {  
                "currency_code": "str",  
                "value": "string"  
            },  
            - "payee": {  
                "email_address": "string",  
                "merchant_id": "string"  
            }  
        }  
    ],  
    - "gross_amount": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "paypal_fee": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "paypal_fee_in_receivable_currency": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "net_amount": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "receivable_amount": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "exchange_rate": {  
        "value": "string",  
        "source_currency": "str",  
        "target_currency": "str"  
    }  
},  
"disbursement_mode": "INSTANT",  
- "processor_response": {  
    "avs_code": "A",  
    "cvv_code": "E",  
    "response_code": "0000",  
    "payment_advice_code": "01"  
},
```

```
- "supplementary_data": {  
    - "related_ids": {  
        "order_id": "string",  
        "authorization_id": "string",  
        "capture_id": "string"  
    }  
},  
- "payee": {  
    "email_address": "string",  
    "merchant_id": "string"  
}  
}
```

## card

The payment card to use to fund a payment. Can be a credit or debit card.

name

string [ 1 .. 300 ] characters

The card holder's name as it appears on the card.

number

string [ 13 .. 19 ] characters

The primary account number (PAN) for the payment card.

security\_code

string [ 3 .. 4 ] characters

The three- or four-digit security code of the card. Also known as the CVV, CVC, CVN, CVE, or CID. This parameter cannot be present in the request when `payment_initiator=MERCHANT`.

expiry

string = 7 characters ^[0-9]{4}-(0[1-9]|1[0-2])\$

The card expiration year and month, in [Internet date format](#) For example: 2028-04

billing\_address >

object

The billing address for this card. Supports only the

`address_line_1`, `address_line_2`, `admin_area_1`, `admin_area_2`,  
`postal_code`, and `country_code` properties.

attributes >

object

Additional attributes associated with the use of this card.

Copy

Expand all

Collapse all

```
{  
  "name": "string",  
  "number": "stringstrings",  
  "security_code": "stri",  
  "expiry": "string",  
  - "billing_address": {  
    "address_line_1": "string",  
    "address_line_2": "string",  
    "admin_area_2": "string",  
    "admin_area_1": "string",  
    "postal_code": "string",  
    "country_code": "st"  
  },  
}
```

```
- "attributes": {
  - "customer": {
    "id": "string",
    "email_address": "string",
    - "phone": {
      "phone_type": "FAX",
      - "phone_number": {
        "national_number": "string"
      }
    },
    - "name": {
      "given_name": "string",
      "surname": "string"
    },
    "merchant_customer_id": "string"
  },
  - "vault": {
    "store_in_vault": "ON_SUCCESS"
  },
  - "verification": {
    "method": "SCA_ALWAYS"
  }
}
}
```

## card

The payment card to use to fund a payment. Can be a credit or debit card.

name

string [ 1 .. 300 ] characters

The card holder's name as it appears on the card.

number

string [ 13 .. 19 ] characters

The primary account number (PAN) for the payment card.

expiry

string = 7 characters ^ [0-9]{4}-(0[1-9]|1[0-2])\$

The card expiration year and month, in **Internet date format** For example: 2028-04

card\_type

string [ 1 .. 255 ] characters ^[A-Z\_]+\$

The card brand or network. Typically used in the response.

Enum Value	Description
VISA	Visa card.
MASTERCARD	Mastercard card.
DISCOVER	Discover card.
AMEX	American Express card.
SOLO	Solo debit card.
JCB	Japan Credit Bureau card.

type

string [ 1 .. 255 ] characters ^[A-Z\_]+\$

The payment card type.

Enum Value	Description
CREDIT	A credit card.
DEBIT	A debit card.
PREPAID	A Prepaid card.
STORE	A store card.

Enum Value	Description
UNKNOWN	Card type cannot be determined.

brand

string `[ 1 .. 255 ] characters` `^[A-Z_]+$`

The card brand or network. Typically used in the response.

Enum Value	Description
VISA	Visa card.
MASTERCARD	Mastercard card.
DISCOVER	Discover card.
AMEX	American Express card.
SOLO	Solo debit card.
JCB	Japan Credit Bureau card.

`billing_address >`

object

The billing address for this card. Supports only the

`address_line_1`, `address_line_2`, `admin_area_1`, `admin_area_2`,  
`postal_code`, and `country_code` properties.

Copy

Expand all

Collapse all

```
{
  "name": "string",
  "number": "stringstrings",
  "expiry": "string",
  "card_type": "VISA",
```

```
"type": "CREDIT",
"brand": "VISA",
- "billing_address": {
    "address_line_1": "string",
    "address_line_2": "string",
    "admin_area_2": "string",
    "admin_area_1": "string",
    "postal_code": "string",
    "country_code": "st"
}
}
```

## Card Verification

The API caller can opt in to verify the card through PayPal offered verification services (e.g. Smart Dollar Auth, 3DS).

method

string [ 1 .. 255 ] characters

Default: "SCA\_WHEN\_REQUIRED"

The method used for card verification.

Enum Value	Description
SCA_ALWAYS	Selecting this option will attempt to force a strong customer authentication for the authorization/transaction. In countries where SCA has been defined and implemented it will result in a contingency and HATEOAS link being returned. The API caller should redirect the payer to that link so that they can authenticate themselves against their issuing bank or other entity. As noted, the HATEOAS link is only available in all regions where strong authentication is supported. (e.g. in European countries)

[Copy](#)

```
{  
  "method": "SCA_ALWAYS"  
}
```

## card\_attributes

Additional attributes associated with the use of this card.

[customer >](#)

object

The details about a customer in PayPal's system of record.

vault >

object

Instruction to vault the card based on the specified strategy.

verification >

object

Instruction to optionally verify the card based on the specified strategy.

Copy

Expand all

Collapse all

```
{  
  - "customer": {  
      "id": "string",  
      "email_address": "string",  
      - "phone": {  
          "phone_type": "FAX",  
          - "phone_number": {  
              "national_number": "string"  
            }  
        },  
      - "name": {  
          "given_name": "string",  
          "surname": "string"  
        },  
      "merchant_customer_id": "string"  
    },  
  - "vault": {  
      "store_in_vault": "ON_SUCCESS"  
    },  
  - "verification": {  
      "method": "SCA_ALWAYS"  
    }  
}
```

## card\_attributes\_response

Additional attributes associated with the use of this card.

vault ›

object

The details about a saved Card payment source.

[Copy](#)

[Expand all](#)

[Collapse all](#)

```
{  
  - "vault": {  
    "id": "string",  
    "status": "VAULTED",  
    - "links": [  
      - {  
        "href": "string",  
        "rel": "string",  
        "method": "GET"  
      }  
    ],  
    - "customer": {  
      "id": "string",  
      "email_address": "string",  
      - "phone": {  
        "phone_type": "FAX",  
        - "phone_number": {  
          "national_number": "string"  
        }  
      },  
      - "name": {  
        "given_name": "string",  
        "surname": "string"  
      },  
      "merchant_customer_id": "string"  
    }  
  }  
}
```

## card\_brand

The card network or brand. Applies to credit, debit, gift, and payment cards.

string [ 1 .. 255 ] characters ^[A-Z\_]+\$

The card network or brand. Applies to credit, debit, gift, and payment cards.

Enum Value	Description
VISA	Visa card.
MASTERCARD	Mastercard card.
DISCOVER	Discover card.
AMEX	American Express card.
SOLO	Solo debit card.
JCB	Japan Credit Bureau card.

 Copy

"VISA"

## card\_customer

The details about a customer in PayPal's system of record.

**id**

string [ 1 .. 22 ] characters  ^[0-9a-zA-Z\_-]+\$

The unique ID for a customer generated by PayPal.

email\_address

string [ 3 .. 254 ] characters

(?:[a-zA-Z0-9!#\$%&'\*+/=?^\_`{|}~-]+(?:\.

[a-zA-....] Show pattern

Email address of the customer as provided to the merchant or on file with the merchant. Email Address is required if you are processing the transaction using PayPal Guest Processing which is offered to select partners and merchants.

phone >

object

The phone number of the customer as provided to the merchant or on file with the merchant. The `phone.phone_number` supports only `national_number`.

name >

object

The full name of the customer as provided to the merchant or on file with the merchant.

merchant\_customer\_id

string [ 1 .. 64 ] characters

Merchants and partners may already have a data-store where their customer information is persisted. Use `merchant_customer_id` to associate the PayPal-generated `customer.id` to your representation of a customer.

Copy

Expand all

Collapse all

```
{  
  "id": "string",  
  "email_address": "string",  
  - "phone": {  
    "phone_type": "FAX",  
    - "phone_number": {  
      "national_number": "string"  
    }  
  },  
},
```

```
- "name": {  
    "given_name": "string",  
    "surname": "string"  
},  
"merchant_customer_id": "string"  
}
```

## card\_experience\_context

Customizes the payer experience during the 3DS Approval for payment.

return\_url

string [ 10 .. 4000 ] characters

The URL where the customer will be redirected upon successfully completing the 3DS challenge.

cancel\_url

string [ 10 .. 4000 ] characters

The URL where the customer will be redirected upon cancelling the 3DS challenge.

Copy

```
{  
    "return_url": "string",  
    "cancel_url": "string"  
}
```

## card\_from\_request

Representation of card details as received in the request.

last\_digits

string [ 2 .. 4 ] characters

The last digits of the payment card.

expiry

string = 7 characters ^[0-9]{4}-(0[1-9]|1[0-2])\$

The card expiration year and month, in [Internet date format](#).

Copy

```
{  
    "last_digits": "string",  
    "expiry": "string"  
}
```

## card\_stored\_credential

Provides additional details to process a payment using a `card` that has been stored or is intended to be stored (also referred to as `stored_credential` or `card-on-file`).

Parameter compatibility:

- `payment_type=ONE_TIME` is compatible only with `payment_initiator=CUSTOMER`.
- `usage=FIRST` is compatible only with `payment_initiator=CUSTOMER`.
- `previous_transaction_reference` or `previous_network_transaction_reference` is compatible only with `payment_initiator=MERCHANT`.
- Only one of the parameters - `previous_transaction_reference` and `previous_network_transaction_reference` - can be present in the request.

`payment_initiator`

**required**

string [ 1 .. 255 ] characters `^[0-9A-Z_]+$`

The person or party who initiated or triggered the payment.

Enum Value	Description
CUSTOMER	Payment is initiated with the active engagement of the customer. e.g. a customer checking out on a merchant website.

Enum Value	Description
payment_type	Payment is initiated by merchant on behalf of the customer without the active engagement of customer.

**required**

string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\$

Indicates the type of the stored payment\_source payment.

Enum Value	Description
ONE_TIME	One Time payment such as online purchase or donation. (e.g. Checkout with one-click).
RECURRING	Payment which is part of a series of payments with fixed or variable amounts, following a fixed time interval. (e.g. Subscription payments).
UNSCHEDULED	Payment which is part of a series of payments that occur on a non-fixed schedule and/or have variable amounts. (e.g. Account Topup payments).

usage

string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\$

Default: "DERIVED"

Indicates if this is a `first` or `subsequent` payment using a stored payment source (also referred to as stored credential or card on file).

Enum Value	Description
FIRST	Indicates the Initial/First payment with a payment_source that is intended to be stored upon successful processing of the payment.

Enum Value	Description
SUBSEQUENT	Indicates a payment using a stored payment_source which has been successfully used previously for a previous_network_transaction_reference > object  Reference values used by the card network to identify a transaction.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{
  "payment_initiator": "CUSTOMER",
  "payment_type": "ONE_TIME",
  "usage": "FIRST",
  - "previous_network_transaction_reference": {
      "id": "stringstr",
      "date": "stri",
      "acquirer_reference_number": "string",
      "network": "VISA"
    }
}
```

## card\_type

Type of card. i.e Credit, Debit and so on.

string [ 1 .. 255 ] characters ^[A-Z\_]+\$

Type of card. i.e Credit, Debit and so on.

Enum Value	Description
CREDIT	A credit card.
DEBIT	A debit card.
PREPAID	A Prepaid card.
STORE	A store card.
UNKNOWN	Card type cannot be determined.

Copy

"CREDIT"

## card\_vault\_response

The details about a saved Card payment source.

**id**

string [ 1 .. 255 ] characters

The PayPal-generated ID for the saved payment source.

**status**

string [ 1 .. 255 ] characters `^[0-9A-Z_]+$`

The vault status.

Enum Value	Description
VAULTED	The payment source has been saved in your customer's vault. This vault status reflects <code>/v3/vault</code> status.
CREATED	DEPRECATED. The payment source has been saved in your customer's vault. This status applies to deprecated integration patterns and will not be returned for v3/vault integrations.
APPROVED	Customer has approved the action of saving the specified payment_source into their vault. Use <code>v3/vault/payment-tokens</code> with given setup_token to

[links >](#)

Array of objects [ 1 .. 10 ] items

An array of request-related HATEOAS links.

[customer >](#)

[object](#)

The details about a customer in PayPal's system of record.

[Copy](#)

[Expand all](#)

[Collapse all](#)

```
{
  "id": "string",
  "status": "VAULTED",
  - "links": [
    - {
      "href": "string",
      "rel": "string",
      "method": "GET"
    }
  ],
}
```

```

- "customer": {
    "id": "string",
    "email_address": "string",
    - "phone": {
        "phone_type": "FAX",
        - "phone_number": {
            "national_number": "string"
        }
    },
    - "name": {
        "given_name": "string",
        "surname": "string"
    },
    "merchant_customer_id": "string"
}
}

```

## charge\_pattern

Expected business/pricing model for the billing agreement.

string [ 1 .. 30 ] characters ^[A-Z0-9\_]+\$

Expected business/pricing model for the billing agreement.

Enum Value	Description
IMMEDIATE	On-demand instant payments – non-recurring, pre-paid, variable amount, variable frequency.
DEFERRED	Pay after use, non-recurring post-paid, variable amount, irregular frequency.

Enum Value	Description
RECURRING_PREPAID	Pay upfront fixed or variable amount on a fixed date before the goods/service is

 Copy

"IMMEDIATE"

## Common response fields

Common response fields for all payment methods.

can\_be\_vaulted

boolean

Default: "false"

Indicates if the payment method can be vaulted or not. A true value indicates the payment method can be vaulted using our vaults product. If false, vaulting is not currently supported for this payment method.

country\_code

string = 2 characters ^([A-Z]{2}|C2)\$

Returns a country\_code which is derived from the buyer's country.

product\_code

string [ 1 .. 64 ] characters ^[A-Z0-9\_]+\$

Returns a product code.

Enum Value	Description
CREDIT	Open ended credit products.
PAYLATER	Pay Later suite of products.
PAY_IN_3	Pay In 3 suite of products.
PAY_IN_4	Pay In 4 suite of products.

[Copy](#)

```
{
  "can_be_vaulted": "false",
  "country_code": "st",
  "product_code": "CREDIT"
}
```

## country\_code

The **2-character ISO 3166-1 code** that identifies the country or region.

**Note:** The country code for Great Britain is `GB` and not `UK` as used in the top-level domain names for that country. Use the `C2` country code for China worldwide for comparable uncontrolled price (CUP) method, bank card, and cross-border transactions.

string (country\_code) = 2 characters `^( [A-Z]{2} | C2 )$`

The **2-character ISO 3166-1 code** that identifies the country or region.

**Note:** The country code for Great Britain is `GB` and not `UK` as used in the top-level domain names for that country. Use the `C2` country code for China worldwide for comparable uncontrolled price (CUP) method, bank card, and cross-border transactions.

Copy

"st"

## country\_code

The **two-character ISO 3166-1 code** that identifies the country or region.

**Note:** The country code for Great Britain is `GB` and not `UK` as used in the top-level domain names for that country. Use the `C2` country code for China worldwide for comparable uncontrolled price (CUP) method, bank card, and cross-border transactions.

string (country\_code) = 2 characters `^( [A-Z]{2} | C2 )$`

The **two-character ISO 3166-1 code** that identifies the country or region.

**Note:** The country code for Great Britain is `GB` and not `UK` as used in the top-level domain names for that country. Use the `C2` country code for China

worldwide for comparable uncontrolled price (CUP) method, bank card, and cross-border transactions.

Copy

"st"

## country\_code

The **2-character ISO 3166-1 code** that identifies the country or region.

**Note:** The country code for Great Britain is `GB` and not `UK` as used in the top-level domain names for that country. Use the `C2` country code for China worldwide for comparable uncontrolled price (CUP) method, bank card, and cross-border transactions.

string (country\_code) = 2 characters `^( [A-Z]{2} | C2 )$`

The **2-character ISO 3166-1 code** that identifies the country or region.

**Note:** The country code for Great Britain is `GB` and not `UK` as used in the top-level domain names for that country. Use the `C2` country code for China worldwide for comparable uncontrolled price (CUP) method, bank card, and cross-border transactions.

[Copy](#)`"st"`

## Credit Button Eligibility Button Code

The button code corresponding to a particular product or set of products. The values followed are defined by the SDK team.

string [ 1 .. 64 ] characters ^[A-Z0-9\_]+\$

The button code corresponding to a particular product or set of products. The values followed are defined by the SDK team.

Enum Value	Description
CREDIT	Open ended credit products.
PAYLATER	Pay Later suite of products.
PAY_IN_3	Pay In 3 suite of products.
PAY_IN_4	Pay In 4 suite of products.

[Copy](#)

"CREDIT"

## cryptocurrency\_symbol

The cryptocurrency symbol or code ticker options. Assigned by liquidity providers and exchanges.

string [ 1 .. 10 ] characters ^[0-9A-Za-z]{1,10}\$

The cryptocurrency symbol or code ticker options. Assigned by liquidity providers and exchanges.

Enum Value	Description
BTC	The ticker symbol for Bitcoin. <a href="https://en.wikipedia.org/wiki/Bitcoin">https://en.wikipedia.org/wiki/Bitcoin</a> .
ETH	The ticker symbol for Ethereum. <a href="https://en.wikipedia.org/wiki/Ethereum">https://en.wikipedia.org/wiki/Ethereum</a> .
BCH	The ticker symbol for Bitcoin Cash. <a href="https://en.wikipedia.org/wiki/Bitcoin_Cash">https://en.wikipedia.org/wiki/Bitcoin_Cash</a> .
LTC	The ticker symbol for Litecoin. <a href="https://en.wikipedia.org/wiki/Litecoin">https://en.wikipedia.org/wiki/Litecoin</a> .

Copy

"BTC"

## currency\_code

The **three-character ISO-4217 currency code** that identifies the currency.

string (currency\_code) = 3 characters

The **three-character ISO-4217 currency code** that identifies the currency.

Copy

"str"

## currency\_code

The **3-character ISO-4217 currency code** that identifies the currency.

string (currency\_code) = 3 characters

The **3-character ISO-4217 currency code** that identifies the currency.

Copy

"str"

## customer

This object represents a merchant's customer, allowing them to store contact details, and track all payments associated with the same customer.

**id**

string [ 1 .. 22 ] characters `^[0-9a-zA-Z_-]+$`

The unique ID for a customer generated by PayPal.

**email\_address**

string [ 3 .. 254 ] characters `(?:[a-zA-Z0-9!#$%&'*+=?^`{|}~-]+(?:\.\[a-zA-Z-\dots]`  
[Show pattern](#)

Email address of the customer as provided to the merchant or on file with the merchant. Email Address is required if you are processing the transaction using PayPal Guest Processing which is offered to select partners and merchants.

[phone >](#)

**object**

The phone number of the customer as provided to the merchant or on file with the merchant. The `phone.phone_number` supports only `national_number`.

name >

object

The full name of the customer as provided to the merchant or on file with the merchant.

Copy

Expand all

Collapse all

```
{  
  "id": "string",  
  "email_address": "string",  
  - "phone": {  
    "phone_type": "FAX",  
    - "phone_number": {  
      "national_number": "string"  
    }  
  },  
  - "name": {  
    "given_name": "string",  
    "surname": "string"  
  }  
}
```

## customer

This object represents a merchant's customer, allowing them to store contact details, and track all payments associated with the same customer.

id

string [ 1 .. 22 ] characters ^[0-9a-zA-Z\_-]+\$

The unique ID for a customer generated by PayPal.

name >

object

The full name of the customer as provided to the merchant or on file with the merchant.

Copy

Expand all

Collapse all

```
{
  "id": "string",
  - "name": {
    "given_name": "string",
    "surname": "string"
  }
}
```

## Customer

Customer who is making a purchase from the merchant/partner.

id

string [ 1 .. 36 ] characters

The unique ID for a customer in merchant's or partner's system of records.

country\_code

string = 2 characters ^([A-Z]{2}|C2)\$

Country from which the customer is purchasing products/services from the merchant/partner. Result will factor in local payment methods that are available in the country mentioned. Value should be in the 2-character ISO 3166-1 code format.

channel >

object

Channel through which the request is being posted. This object intends to collect information such as browser, operating system, device of the buyer. If both channel and User-Agent header are passed, data passed in the channel object takes precedence and User-Agent header will be used for information not provided in channel object.

email

string [ 3 .. 254 ] characters ^(?:[A-Za-z0-9!#\$%&'\*+/=?^`{|}~-]+(?:\.\[A-Za...) Show pattern

The email address of the customer.

phone >

object

The phone number of the customer.

Copy

Expand all

Collapse all

```
{  
    "id": "string",  
    "country_code": "string",  
    - "channel": {  
        "browser_type": "string",  
        "client_os": "string",  
        "device_type": "string"  
    },  
    "email": "string",  
    - "phone": {  
        "country_code": "str",  
        "national_number": "string"  
    }  
}
```

## Customer Channel

Channel through which the request is being posted.

browser\_type

string [ 1 .. 30 ] characters

The browser used by the customer. Example: Safari, Chrome, etc.

client\_os

string [ 1 .. 30 ] characters

The operating system on the device used by the customer.

Example: iOS 16.5, Android 30, etc.

device\_type

string [ 1 .. 30 ] characters

The type of device used by the customer. Example: Mobile, Desktop, Tablet, etc.

Copy

```
{  
  "browser_type": "string",  
  "client_os": "string",  
  "device_type": "string"  
}
```

## date\_no\_time

The stand-alone date, in **Internet date and time format**. To represent special legal values, such as a date of birth, you should use dates with no associated time or time-zone data. Whenever possible, use the standard `date_time` type.

This regular expression does not validate all dates. For example, February 31 is valid and nothing is known about leap years.

```
string (date_no_time) = 10 characters ^[0-9]{4}-(0[1-9]|1[0-2])-(0[1-9]|1[0-2])  
[0-9]|... Show pattern
```

The stand-alone date, in [Internet date and time format](#). To represent special legal values, such as a date of birth, you should use dates with no associated time or time-zone data. Whenever possible, use the standard `date_time` type. This regular expression does not validate all dates. For example, February 31 is valid and nothing is known about leap years.

Copy

```
"stringstri"
```

## date\_no\_time

The stand-alone date, in [Internet date and time format](#). To represent special legal values, such as a date of birth, you should use dates with no associated time or time-zone data. Whenever possible, use the standard `date_time` type. This regular expression does not validate all dates. For example, February 31 is valid and nothing is known about leap years.

```
string (date_no_time) = 10 characters ^[0-9]{4}-(0[1-9]|1[0-2])-(0[1-9]|1[0-2])  
[0-9]|... Show pattern
```

The stand-alone date, in [Internet date and time format](#). To represent special legal values, such as a date of birth, you should use dates with no

associated time or time-zone data. Whenever possible, use the standard `date_time` type. This regular expression does not validate all dates. For example, February 31 is valid and nothing is known about leap years.

Copy

"stringstri"

## date\_no\_time

The stand-alone date, in [Internet date and time format](#). To represent special legal values, such as a date of birth, you should use dates with no associated time or time-zone data. Whenever possible, use the standard `date_time` type. This regular expression does not validate all dates. For example, February 31 is valid and nothing is known about leap years.

string (date\_no\_time) = 10 characters  
^[0-9]{4}-(0[1-9]|1[0-2])-(0[1-9]|1[0-2])  
[0-9] | ... Show pattern

The stand-alone date, in [Internet date and time format](#). To represent special legal values, such as a date of birth, you should use dates with no associated time or time-zone data. Whenever possible, use the standard `date_time` type. This regular expression does not validate all dates. For example, February 31 is valid and nothing is known about leap years.

Copy

```
"stringstri"
```

## date\_time

The date and time, in [Internet date and time format](#). Seconds are required while fractional seconds are optional.

**Note:** The regular expression provides guidance but does not reject all invalid dates.

```
string (date_time) [ 20 .. 64 ] characters ^[0-9]{4}-(0[1-9]|1[0-2])-(0[1-9]|  
[1-2][0-9]|... Show pattern
```

The date and time, in [Internet date and time format](#). Seconds are required while fractional seconds are optional.

**Note:** The regular expression provides guidance but does not reject all invalid dates.

Copy

```
"stringstringstringst"
```

## date\_time

The date and time, in **Internet date and time format**. Seconds are required while fractional seconds are optional.

**Note:** The regular expression provides guidance but does not reject all invalid dates.

string (date\_time) [ 20 .. 64 ] characters `^[0-9]{4}-(0[1-9]|1[0-2])-(0[1-9]|1[0-2])[0-9]|...` Show pattern

The date and time, in **Internet date and time format**. Seconds are required while fractional seconds are optional.

**Note:** The regular expression provides guidance but does not reject all invalid dates.

Copy

"stringstringstringst"

## date\_year\_month

The year and month, in ISO-8601 `YYYY-MM` date format. See [Internet date and time format](#).

string = 7 characters `^[0-9]{4}-(0[1-9]|1[0-2])$`

The year and month, in ISO-8601 `YYYY-MM` date format. See [Internet date and time format](#).

Copy

"strings"

## date\_year\_month

The year and month, in ISO-8601 `YYYY-MM` date format. See [Internet date and time format](#).

string = 7 characters `^[0-9]{4}-(0[1-9]|1[0-2])$`

The year and month, in ISO-8601 `YYYY-MM` date format. See [Internet date and time format](#).

Copy

```
"strings"
```

## disbursement\_mode

The funds that are held on behalf of the merchant.

string [ 1 .. 16 ] characters ^[A-Z\_]+\$

Default: "INSTANT"

The funds that are held on behalf of the merchant.

Enum Value	Description
INSTANT	The funds are released to the merchant immediately.
DELAYED	The funds are held for a finite number of days. The actual duration depends on the region and type of integration. You can release the funds through a referenced payout. Otherwise, the funds disbursed automatically after the specified duration.

Copy

"INSTANT"

## eci\_flag

Electronic Commerce Indicator (ECI). The ECI value is part of the 2 data elements that indicate the transaction was processed electronically. This should be passed on the authorization transaction to the Gateway/Processor.

string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\$

Electronic Commerce Indicator (ECI). The ECI value is part of the 2 data elements that indicate the transaction was processed electronically. This should be passed on the authorization transaction to the Gateway/Processor.

Enum Value	Description
MASTERCARD_NON_3D_SECURE_TRANSACTION	Mastercard non-3-D Secure transaction
MASTERCARD_ATTEMPTED_AUTHENTICATION_TRANSACTION	Mastercard attempted authentication transaction

Copy

"MASTERCARD\_NON\_3D\_SECURE\_TRANSACTION"

## eligibility\_purchase\_unit\_request

Purchase unit for payment eligibility.

amount >

object

The total order amount with an optional breakdown that provides details, such as the total item amount, total tax amount, shipping, handling, insurance, and discounts, if any.

If you specify `amount.breakdown`, the amount equals `item_total` plus `tax_total` plus `shipping` plus `handling` plus `insurance` minus `shipping_discount` minus discount.

The amount must be a positive number. For listed of supported currencies and decimal precision, see the PayPal REST APIs

[Currency Codes](#).

payee >

object

The merchant who receives payment for this transaction.

Copy

Expand all

Collapse all

```
{  
  - "amount": {  
      "currency_code": "str",  
      "value": "string",  
    - "breakdown": {  
        - "item_total": {  
            "currency_code": "str",  
            "value": "string"  
          },  
        - "shipping": {  
            "currency_code": "str",  
            "value": "string"  
          },  
        - "handling": {  
            "currency_code": "str",  
            "value": "string"  
          },  
        - "tax_total": {  
            "currency_code": "str",  
            "value": "string"  
          },  
        - "insurance": {  
            "currency_code": "str",  
            "value": "string"  
          },  
        - "shipping_discount": {  
            "currency_code": "str",  
            "value": "string"  
          },  
        - "discount": {  
            "currency_code": "str",  
            "value": "string"  
          }  
      }  
    },  
  - "payee": {  
      "email_address": "string",  
      "merchant_id": "string"  
    }  
}
```

## email

The internationalized email address.

**Note:** Up to 64 characters are allowed before and 255 characters are allowed after the @ sign. However, the generally accepted maximum length for an email address is 254 characters. The pattern verifies that an unquoted @ sign exists.

```
string (email) [ 3 .. 254 ] characters (?:[a-zA-Z0-9!#$%&'*+=?^_`{|}~-]+(?:\.[a-zA-Z\d]{1,})*) Show pattern
```

The internationalized email address.

**Note:** Up to 64 characters are allowed before and 255 characters are allowed after the @ sign. However, the generally accepted maximum length for an email address is 254 characters. The pattern verifies that an unquoted @ sign exists.

Copy

"string"

## email\_address

## The internationalized email address.

**Note:** Up to 64 characters are allowed before and 255 characters are allowed after the @ sign. However, the generally accepted maximum length for an email address is 254 characters. The pattern verifies that an unquoted @ sign exists.

```
string (email_address) [ 3 .. 254 ] characters ^(?:[A-Za-z0-9!#$%&'*+=?^`{|}~-]+(?:\.[A-Za...]
```

Show pattern

## The internationalized email address.

**Note:** Up to 64 characters are allowed before and 255 characters are allowed after the @ sign. However, the generally accepted maximum length for an email address is 254 characters. The pattern verifies that an unquoted @ sign exists.

Copy

"string"

## email\_address

## The internationalized email address.

**Note:** Up to 64 characters are allowed before and 255 characters are allowed after the @ sign. However, the generally accepted maximum length for an email address is 254 characters. The pattern verifies that an unquoted @ sign exists.

string (email\_address) [ 3 .. 254 ] characters ^(?:[A-Za-z0-9!#\$%&'\*+==?^\_`{|}~-]+(?:\.[A-Za-z0-9!#\$%&'\*+==?^\_`{|}~-]+)\*@[A-Za-z0-9!#\$%&'\*+==?^\_`{|}~-]+\.[A-Za-z0-9!#\$%&'\*+==?^\_`{|}~-]+\.[A-Za-z0-9!#\$%&'\*+==?^\_`{|}~-]+)

## The internationalized email address.

**Note:** Up to 64 characters are allowed before and 255 characters are allowed after the @ sign. However, the generally accepted maximum length for an email address is 254 characters. The pattern verifies that an unquoted @ sign exists.

Copy

"string"

**email\_address**

The internationalized email address.

**Note:** Up to 64 characters are allowed before and 255 characters are allowed after the @ sign. However, the generally accepted maximum length for an email address is 254 characters. The pattern verifies that an unquoted @ sign exists.

string (email\_address) [ 3 .. 254 ] characters ^(?:[A-Za-z0-9!#\$%&'\*+==?^\_`{|}~-]+(?:\.[A-Za-z0-9!#\$%&'\*+==?^\_`{|}~-]+)\*@[A-Za-z0-9!#\$%&'\*+==?^\_`{|}~-]+\.[A-Za-z0-9]{1,}){1,}

The internationalized email address.

**Note:** Up to 64 characters are allowed before and 255 characters are allowed after the @ sign. However, the generally accepted maximum length for an email address is 254 characters. The pattern verifies that an unquoted @ sign exists.

Copy

"string"

## enrolled

Status of Authentication eligibility.

string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\\$

Status of Authentication eligibility.

Enum Value	Description
Y	Yes. The bank is participating in 3-D Secure protocol and will return the ACSUrl.
N	No. The bank is not participating in 3-D Secure protocol.
U	Unavailable. The DS or ACS is not available for authentication at the time of the request.

Enum Value	Description
B	Bypass. The merchant authentication rule is triggered to bypass authentication.

[Copy](#)["Y"](#)

## Error

The error details.

name

**required**

string

The human-readable, unique name of the error.

message

**required**

string

The message that describes the error.

debug\_id

**required**

string

The PayPal internal ID. Used for correlation purposes.

details >

Array of objects

An array of additional details about the error.

links >

Array of objects

An array of request-related **HATEOAS links**.

Copy

Expand all

Collapse all

```
{
  "name": "string",
  "message": "string",
  "debug_id": "string",
  - "details": [
    - {
      "field": "string",
      "value": "string",
      "location": "body",
      "issue": "string",
      - "links": [
        - {
          "href": "string",
          "rel": "string",
          "method": "GET"
        }
      ],
      "description": "string"
    }
  ],
  - "links": [
    - {
      "href": "string",
      "rel": "string",
      "method": "GET"
    }
  ]
}
```

## Error Details

The error details. Required for client-side `4XX` errors.

field

string

The field that caused the error. If this field is in the body, set this value to the field's JSON pointer value. Required for client-side errors.

value

string

The value of the field that caused the error.

location

string

Default: `"body"`

The location of the field that caused the error. Value is `body`, `path`, or `query`.

issue

required

string

The unique, fine-grained application-level error code.

links 

Array of objects `[ 1 .. 4 ] items`

An array of request-related **HATEOAS links** that are either relevant to the issue by providing additional information or offering potential resolutions.

description

string

The human-readable description for an issue. The description can change over the lifetime of an API, so clients must not depend on

this value.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{  
    "field": "string",  
    "value": "string",  
    "location": "body",  
    "issue": "string",  
    - "links": [  
        - {  
            "href": "string",  
            "rel": "string",  
            "method": "GET"  
        }  
    ],  
    "description": "string"  
}
```

## exchange\_rate

The exchange rate that determines the amount to convert from one currency to another currency.

value

string

The target currency amount. Equivalent to one unit of the source currency. Formatted as integer or decimal value with one to 15

digits to the right of the decimal point.

source\_currency

string = 3 characters

The source currency from which to convert an amount.

target\_currency

string = 3 characters

The target currency to which to convert an amount.

Copy

```
{  
  "value": "string",  
  "source_currency": "str",  
  "target_currency": "str"  
}
```

## experience\_context\_base

Customizes the payer experience during the approval process for the payment.

brand\_name

string [ 1 .. 127 ] characters

The label that overrides the business name in the PayPal account on the PayPal site. The pattern is defined by an external party and supports Unicode.

**shipping\_preference**

string [ 1 .. 24 ] characters

Default: "GET\_FROM\_FILE"

The location from which the shipping address is derived.

Enum Value	Description
GET_FROM_FILE	Get the customer-provided shipping address on the PayPal site.
NO_SHIPPING	Redacts the shipping address from the PayPal site. Recommended for digital goods.
SET_PROVIDED_ADDRESS	Get the merchant-provided address. The customer cannot change this address on the PayPal site. If merchant does not pass an address, customer can choose the address on PayPal

**locale**

string [ 2 .. 10 ] characters ^[a-z]{2}(?:-[A-Z][a-z]{3})?(?:-(?:[A-Z]{2}|[...])) Show pattern

The BCP 47-formatted locale of pages that the PayPal payment experience shows. PayPal supports a five-character code. For example, da-DK, he-IL, id-ID, ja-JP, no-NO, pt-BR, ru-RU, sv-SE, th-TH, zh-CN, zh-HK, or zh-TW.

**return\_url**

string

The URL where the customer is redirected after the customer approves the payment.

**cancel\_url**

string

The URL where the customer is redirected after the customer cancels the payment.

[Copy](#)

```
{  
    "brand_name": "string",  
    "shipping_preference": "GET_FROM_FILE",  
    "locale": "string",  
    "return_url": "string",  
    "cancel_url": "string"  
}
```

## experience\_context\_base

Customizes the payer experience during the approval process for the payment.

locale

string [ 2 .. 10 ] characters `^[a-z]{2}([-[A-Z][a-z]{3})?(-(?:[A-Z]{2})|(...))` Show pattern

The BCP 47-formatted locale of pages that the PayPal payment experience shows. PayPal supports a five-character code. For example, `da-DK`, `he-IL`, `id-ID`, `ja-JP`, `no-NO`, `pt-BR`, `ru-RU`, `sv-SE`, `th-TH`, `zh-CN`, `zh-HK`, or `zh-TW`.

return\_url

string

The URL where the customer is redirected after the customer approves the payment.

cancel\_url

string

The URL where the customer is redirected after the customer cancels the payment.

Copy

```
{  
  "locale": "string",  
  "return_url": "string",  
  "cancel_url": "string"  
}
```

## google\_pay\_card

The payment card used to fund a Google Pay payment. Can be a credit or debit card.

name

string [ 1 .. 300 ] characters

The card holder's name as it appears on the card.

type

string [ 1 .. 255 ] characters ^[A-Z\_]+\$

The payment card type.

Enum Value	Description
CREDIT	A credit card.
DEBIT	A debit card.
PREPAID	A Prepaid card.
STORE	A store card.
UNKNOWN	Card type cannot be determined.

brand

string [ 1 .. 255 ] characters ^[A-Z\_]+\$

The card brand or network. Typically used in the response.

Enum Value	Description
VISA	Visa card.
MASTERCARD	Mastercard card.
DISCOVER	Discover card.
AMEX	American Express card.
SOLO	Solo debit card.
JCB	Japan Credit Bureau card.

billing\_address &gt;

object

The billing address for this card. Supports only the

address\_line\_1, address\_line\_2, admin\_area\_1, admin\_area\_2, postal\_code, and country\_code properties.

Copy      Expand all      Collapse all

```
{  
    "name": "string",  
    "type": "CREDIT",  
    "brand": "VISA",  
    - "billing_address": {  
        "address_line_1": "string",  
        "address_line_2": "string",  
        "admin_area_2": "string",  
        "admin_area_1": "string",  
        "postal_code": "string",  
        "country_code": "st"  
    }  
}
```

## google\_pay\_card

The payment card used to fund a Google Pay payment. Can be a credit or debit card.

name

string [ 1 .. 300 ] characters

The card holder's name as it appears on the card.

number

required

string [ 13 .. 19 ] characters

The primary account number (PAN) for the payment card.

last\_digits

string [ 2 .. 4 ] characters

The last digits of the payment card.

expiry

required

string = 7 characters ^[0-9]{4}-(0[1-9]|1[0-2])\$

The card expiration year and month, in [Internet date format](#).

type

string [ 1 .. 255 ] characters ^[A-Z\_]+\$

The payment card type.

Enum Value	Description
CREDIT	A credit card.
DEBIT	A debit card.
PREPAID	A Prepaid card.
STORE	A store card.
UNKNOWN	Card type cannot be determined.

brand

string [ 1 .. 255 ] characters ^[A-Z\_]+\$

The card brand or network. Typically used in the response.

Enum Value	Description
VISA	Visa card.
MASTERCARD	Mastercard card.
DISCOVER	Discover card.
AMEX	American Express card.

Enum Value	Description
billing_address > object	The billing address for this card. Supports only the <code>address_line_1</code> , <code>address_line_2</code> , <code>admin_area_1</code> , <code>admin_area_2</code> , <code>postal_code</code> , and <code>country_code</code> properties.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{  
    "name": "string",  
    "number": "stringstrings",  
    "last_digits": "stri",  
    "expiry": "string",  
    "type": "CREDIT",  
    "brand": "VISA",  
    - "billing_address": {  
        "address_line_1": "string",  
        "address_line_2": "string",  
        "admin_area_2": "string",  
        "admin_area_1": "string",  
        "postal_code": "string",  
        "country_code": "st"  
    }  
}
```

## google\_pay\_decrypted\_token\_data

Details shared by Google for the merchant to be shared with PayPal. This is required to process the transaction using the Google Pay payment method.

message\_id

string [ 1 .. 250 ] characters

A unique ID that identifies the message in case it needs to be revoked or located at a later time.

message\_expiration

string = 13 characters

Date and time at which the message expires as UTC milliseconds since epoch. Integrators should reject any message that's expired.

payment\_method

required

string = 4 characters

The type of the payment credential. Currently, only CARD is supported.

Value	Description
CARD	CARD is the only value that Google Pay accepts.

authentication\_method

required

string [ 1 .. 50 ] characters

Authentication Method which is used for the card transaction.

Enum Value	Description
PAN_ONLY	This authentication method is associated with payment cards stored on file with the user's Google Account. Returned payment data includes primary account number (PAN) with the expiration month and the expiration year.

Field Value	Description
cryptogram	string [ 1 .. 2000 ] characters
	Base-64 cryptographic identifier used by card schemes to validate the token verification result. This is a conditionally required field if authentication_method is CRYPTOGRAM_3DS.
eci_indicator	string [ 1 .. 256 ] characters
	Electronic Commerce Indicator may not always be present. It is only returned for tokens on the Visa card network. This value is passed through in the payment authorization request.
card >	
<b>required</b>	
object	
	Google Pay tokenized credit card used to pay.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{  
    "message_id": "string",  
    "message_expiration": "stringstrings",  
    "payment_method": "CARD",  
    "authentication_method": "PAN_ONLY",  
    "cryptogram": "string",  
    "eci_indicator": "string",  
}
```

```
- "card": {  
    "name": "string",  
    "number": "string",  
    "last_digits": "string",  
    "expiry": "string",  
    "type": "CREDIT",  
    "brand": "VISA",  
    - "billing_address": {  
        "address_line_1": "string",  
        "address_line_2": "string",  
        "admin_area_2": "string",  
        "admin_area_1": "string",  
        "postal_code": "string",  
        "country_code": "st"  
    }  
}  
}
```

## google\_pay\_experience\_context

Customizes the payer experience during the approval process for the payment.

```
return_url
```

required

string

The URL where the customer is redirected after the customer approves the payment.

```
cancel_url
```

required

string

The URL where the customer is redirected after the customer cancels the payment.

Copy

```
{  
  "return_url": "string",  
  "cancel_url": "string"  
}
```

## instrument\_id

The identifier of the instrument.

string [ 1 .. 256 ] characters ^[A-Za-z0-9-\_+=]+\$

The identifier of the instrument.

Copy

"string"

## IP Address

An Internet Protocol address (IP address). This address assigns a numerical label to each device that is connected to a computer network through the Internet Protocol. Supports IPv4 and IPv6 addresses.

string (IP Address) [ 7 .. 39 ] characters ^(([0-9]|[1-9][0-9]|1[0-9]{2}|2[0-4][0-9])|25[...]

Show pattern

An Internet Protocol address (IP address). This address assigns a numerical label to each device that is connected to a computer network through the Internet Protocol. Supports IPv4 and IPv6 addresses.

Copy

"strings"

# item

The details for the items to be purchased.

name

required

string [ 1 .. 127 ] characters

The item name or title.

quantity

required

string <= 10 characters

The item quantity. Must be a whole number.

description

string <= 2048 characters

The detailed item description.

sku

string <= 127 characters

The stock keeping unit (SKU) for the item.

url

string [ 1 .. 2048 ] characters

The URL to the item being purchased. Visible to buyer and used in buyer experiences.

image\_url

string [ 1 .. 2048 ] characters ^(([/.|\w|\s|-])\*\.  
(?:jpg|gif|png|jpe... Show pattern

The URL of the item's image. File type and size restrictions apply.

An image that violates these restrictions will not be honored.

upc >

object

The Universal Product Code of the item.

```
billing_plan >
```

```
object
```

Metadata for merchant-managed recurring billing plans. Valid only during the saved payment method token or billing agreement creation.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{
  "name": "string",
  "quantity": "string",
  "description": "string",
  "sku": "string",
  "url": "http://example.com",
  "image_url": "http://example.com",
  - "upc": {
      "type": "UPC-A",
      "code": "string"
    },
}
```

```
- "billing_plan": {  
  - "billing_cycles": [  
    - {  
      "tenure_type": "REGULAR",  
      "total_cycles": 1,  
      "sequence": 1,  
      - "pricing_scheme": {  
        "pricing_model": "FIXED",  
      - "price": {  
        "currency_code": "str",  
        "value": "string"  
      },  
      - "reload_threshold_amount": {  
        "currency_code": "str",  
        "value": "string"  
      }  
    },  
    "start_date": "string"  
  }  
],  
  "name": "string",  
  - "setup_fee": {  
    "currency_code": "str",  
    "value": "string"  
  }  
}  
}
```

## language

The **language tag** for the language in which to localize the error-related strings, such as messages, issues, and suggested actions. The tag is made up of the **ISO 639-2 language code**, the optional **ISO-15924 script tag**, and the **ISO-3166 alpha-2 country code** or **M49 region code**.

string (language) [ 2 .. 10 ] characters ^[a-z]{2}(?:-[A-Z][a-z]{3})?(?:-(?:[A-Z]{2}|[...]) Show pattern

The **language tag** for the language in which to localize the error-related strings, such as messages, issues, and suggested actions. The tag is made up of the **ISO 639-2 language code**, the optional **ISO-15924 script tag**, and the **ISO-3166 alpha-2 country code** or **M49 region code**.

Copy

"string"

## level\_2

The level 2 card processing data collections. If your merchant account has been configured for Level 2 processing this field will be passed to the processor on your behalf. Please contact your PayPal Technical Account Manager to define level 2 data for your business.

invoice\_id

string [ 1 .. 127 ] characters

Use this field to pass a purchase identification value of up to 127 ASCII characters. The length of this field will be adjusted to meet network specifications (25chars for Visa and Mastercard, 17chars for Amex), and the original invoice ID will still be displayed in your existing reports.

tax\_total >

object

Use this field to break down the amount of tax included in the total purchase amount. The value provided here will not add to the total purchase amount. The value can't be negative, and in most cases, it must be greater than zero in order to qualify for lower interchange rates. Value, by country, is:

UK. A county.  
US. A state.  
Canada. A province.  
Japan. A prefecture.  
Switzerland. A kanton.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{  
    "invoice_id": "string",  
    - "tax_total": {  
        "currency_code": "str",  
        "value": "string"  
    }  
}
```

## level\_3

The level 3 card processing data collections, If your merchant account has been configured for Level 3 processing this field will be passed to the processor on your behalf. Please contact your PayPal Technical Account Manager to define level 3 data for your business.

`ships_from_postal_code`

string [ 1 .. 60 ] characters

Use this field to specify the postal code of the shipping location.

`line_items >`

Array of objects [ 1 .. 100 ] items

A list of the items that were purchased with this payment. If your merchant account has been configured for Level 3 processing this field will be passed to the processor on your behalf.

`shipping_amount >`

object

Use this field to break down the shipping cost included in the total purchase amount. The value provided here will not add to the total purchase amount. The value cannot be negative.

`duty_amount >`

object

Use this field to break down the duty amount included in the total purchase amount. The value provided here will not add to the total purchase amount. The value cannot be negative.

`discount_amount >`

object

Use this field to break down the discount amount included in the total purchase amount. The value provided here will not add to the total purchase amount. The value cannot be negative.

`shipping_address >`

object

The address of the person to whom to ship the items. Supports only the `address_line_1`, `address_line_2`, `admin_area_1`, `admin_area_2`, `postal_code`, and `country_code` properties.

Copy

Expand all

Collapse all

```
{  
  "ships_from_postal_code": "string",
```

```
- "line_items": [
  - {
    "name": "string",
    "quantity": "string",
    "description": "string",
    "sku": "string",
    "url": "http://example.com",
    "image_url": "http://example.com",
  - "upc": {
      "type": "UPC-A",
      "code": "string"
    },
  - "billing_plan": {
      - "billing_cycles": [
          - {
              "tenure_type": "REGULAR",
              "total_cycles": 1,
              "sequence": 1,
              - "pricing_scheme": {
                  "pricing_model": "FIXED",
                  - "price": {
                      "currency_code": null,
                      "value": null
                    },
                  - "reload_threshold_amount": {
                      "currency_code": null,
                      "value": null
                    }
                  },
              },
              "start_date": "string"
            }
          ],
        "name": "string",
      - "setup_fee": {
          "currency_code": "str",
          "value": "string"
        }
      },
      "commodity_code": "string",
      "unit_of_measure": "string",
    - "unit_amount": {
        "currency_code": "str",
        "value": "string"
      },
    - "tax": {
        "currency_code": "str",
        "value": "string"
      },
    - "discount_amount": {
        "currency_code": "str",
        "value": "string"
      }
  }
]
```

```
        "value": "string"
    },
    - "total_amount": {
        "currency_code": "str",
        "value": "string"
    }
}
],
- "shipping_amount": {
    "currency_code": "str",
    "value": "string"
},
- "duty_amount": {
    "currency_code": "str",
    "value": "string"
},
- "discount_amount": {
    "currency_code": "str",
    "value": "string"
},
- "shipping_address": {
    "address_line_1": "string",
    "address_line_2": "string",
    "admin_area_2": "string",
    "admin_area_1": "string",
    "postal_code": "string",
    "country_code": "st"
}
}
```

## liability\_shift

Liability shift indicator. The outcome of the issuer's authentication.

string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\$

Liability shift indicator. The outcome of the issuer's authentication.

Enum Value	Description
NO	Liability is with the merchant.
POSSIBLE	Liability may shift to the card issuer.
UNKNOWN	The authentication system is not available.

[Copy](#)["NO"](#)

## line\_item

The line items for this purchase. If your merchant account has been configured for Level 3 processing this field will be passed to the processor on your behalf.

name

**required**

string [ 1 .. 127 ] characters

The item name or title.

quantity

**required**

string &lt;= 10 characters

The item quantity. Must be a whole number.

description

string `<= 2048 characters`

The detailed item description.

sku

string `<= 127 characters`

The stock keeping unit (SKU) for the item.

url

string `[ 1 .. 2048 ] characters`

The URL to the item being purchased. Visible to buyer and used in buyer experiences.

image\_url

string `[ 1 .. 2048 ] characters` `^(https:)((/.|\w|\s|-])*.(?:jpg|gif|png|jpe...)` Show pattern

The URL of the item's image. File type and size restrictions apply.

An image that violates these restrictions will not be honored.

upc >

object

The Universal Product Code of the item.

billing\_plan >

object

Metadata for merchant-managed recurring billing plans. Valid only during the saved payment method token or billing agreement creation.

commodity\_code

string `[ 1 .. 12 ] characters`

Code used to classify items purchased and track the total amount spent across various categories of products and services. Different corporate purchasing organizations may use different standards, but the United Nations Standard Products and Services Code (UNSPSC) is frequently used.

unit\_of\_measure

string `[ 1 .. 12 ] characters`

Unit of measure is a standard used to express the magnitude of a quantity in international trade. Most commonly used (but not limited to) examples are: Acre (ACR), Ampere (AMP), Centigram (CGM), Centimetre (CMT), Cubic inch (INQ), Cubic metre (MTQ), Fluid ounce (OZA), Foot (FOT), Hour (HUR), Item (ITM), Kilogram

(KGM), Kilometre (KMT), Kilowatt (KWT), Liquid gallon (GLL), Liter (LTR), Pounds (LBS), Square foot (FTK).

unit\_amount >

required

object

The item price or rate per unit. Must equal `unit_amount * quantity` for all items. `unit_amount.value` can not be a negative number.

tax >

object

The item tax for each unit. Must equal `tax * quantity` for all items. `tax.value` can not be a negative number.

discount\_amount >

object

Use this field to break down the discount amount included in the total purchase amount. The value provided here will not add to the total purchase amount. The value cannot be negative.

total\_amount >

object

The subtotal for all items. Must equal the sum of `(items[].unit_amount * items[].quantity)` for all items. `item_total.value` can not be a negative number.

Copy

Expand all

Collapse all

```
{  
    "name": "string",  
    "quantity": "string",  
    "description": "string",  
    "sku": "string",  
    "url": "http://example.com",  
    "image_url": "http://example.com",  
    "upc": {  
        "type": "UPC-A",  
        "code": "string"  
    },  
}
```

```
- "billing_plan": {
    - "billing_cycles": [
        - {
            "tenure_type": "REGULAR",
            "total_cycles": 1,
            "sequence": 1,
            - "pricing_scheme": {
                "pricing_model": "FIXED",
                - "price": {
                    "currency_code": "str",
                    "value": "string"
                },
                - "reload_threshold_amount": {
                    "currency_code": "str",
                    "value": "string"
                }
            },
            "start_date": "string"
        }
    ],
    "name": "string",
    - "setup_fee": {
        "currency_code": "str",
        "value": "string"
    },
    "commodity_code": "string",
    "unit_of_measure": "string",
    - "unit_amount": {
        "currency_code": "str",
        "value": "string"
    },
    - "tax": {
        "currency_code": "str",
        "value": "string"
    },
    - "discount_amount": {
        "currency_code": "str",
        "value": "string"
    },
    - "total_amount": {
        "currency_code": "str",
        "value": "string"
    }
}
```

# Link Description

The request-related **HATEOAS link** information.

href

**required**

string

The complete target URL. To make the related call, combine the method with this **URI Template-formatted** link. For pre-processing, include the `$`, `(`, and `)` characters. The `href` is the key HATEOAS component that links a completed call with a subsequent call.

rel

**required**

string

The **link relation type**, which serves as an ID for a link that unambiguously describes the semantics of the link. See [Link Relations](#).

method

string

The HTTP method required to make the related call.

Enum Value	Description
GET	The HTTP GET method.
POST	The HTTP POST method.
PUT	The HTTP PUT method.

Enum Value	Description
DELETE	The HTTP DELETE method.

 Copy

```
{  
    "href": "string",  
    "rel": "string",  
    "method": "GET"  
}
```

## Link Description

The request-related **HATEOAS link** information.

href

**required**

string

The complete target URL. To make the related call, combine the method with this **URI Template-formatted** link. For pre-processing, include the `$`, `(`, and `)` characters. The `href` is the key HATEOAS component that links a completed call with a subsequent call.

rel

required

string

The [link relation type](#), which serves as an ID for a link that unambiguously describes the semantics of the link. See [Link Relations](#).

method

string

The HTTP method required to make the related call.

Enum Value	Description
GET	The HTTP GET method.
POST	The HTTP POST method.
PUT	The HTTP PUT method.
DELETE	The HTTP DELETE method.
HEAD	The HTTP HEAD method.
CONNECT	The HTTP CONNECT method.

Copy

```
{  
  "href": "string",  
  "rel": "string",  
  "method": "GET"  
}
```

# Link Description

The request-related **HATEOAS link** information.

href

**required**

string

The complete target URL. To make the related call, combine the method with this **URI Template-formatted** link. For pre-processing, include the `$`, `(`, and `)` characters. The `href` is the key HATEOAS component that links a completed call with a subsequent call.

rel

**required**

string

The **link relation type**, which serves as an ID for a link that unambiguously describes the semantics of the link. See [Link Relations](#).

method

string

The HTTP method required to make the related call.

Enum Value	Description
GET	The HTTP GET method.
POST	The HTTP POST method.
PUT	The HTTP PUT method.

Enum Value	Description
DELETE	The HTTP DELETE method.

 Copy

```
{  
    "href": "string",  
    "rel": "string",  
    "method": "GET"  
}
```

## merchant\_partner\_customer\_id

The unique ID for a customer generated by PayPal.

string [ 1 .. 22 ] characters ^[0-9a-zA-Z\_-]+\$

The unique ID for a customer generated by PayPal.

 Copy

```
"string"
```

## MerchantCommonComponentsSpecification-v1-schema-common\_components-v4-schema-json-openapi-2.0-currency\_code.json

The **3-character ISO-4217 currency code** that identifies the currency.

```
string (MerchantCommonComponentsSpecification-v1-schema-common_components-v4-schema-json-openapi-2.0-currency_code.json) = 3 characters
```

The **3-character ISO-4217 currency code** that identifies the currency.

Copy

```
"str"
```

## Money

The currency and amount for a financial transaction, such as a balance or payment due.

currency\_code

required

string = 3 characters

The **three-character ISO-4217 currency code** that identifies the currency.

value

required

string ≤ 32 characters

The value, which might be:

- An integer for currencies like `JPY` that are not typically fractional.
- A decimal fraction for currencies like `TND` that are subdivided into thousandths.

For the required number of decimal places for a currency code, see [Currency Codes](#).

Copy

```
{  
  "currency_code": "str",  
  "value": "string"  
}
```

# Money

The currency and amount for a financial transaction, such as a balance or payment due.

currency\_code

required

string = 3 characters

The **3-character ISO-4217 currency code** that identifies the currency.

value

required

string ≤ 32 characters

The value, which might be:

- An integer for currencies like JPY that are not typically fractional.
- A decimal fraction for currencies like TND that are subdivided into thousandths.

For the required number of decimal places for a currency code, see [Currency Codes](#).

Copy

```
{  
  "currency_code": "str",  
  "value": "string"
```

}

## name

The full name representation like Mr J Smith.

string [ 3 .. 300 ] characters

The full name representation like Mr J Smith.

Copy

"string"

## Name

The name of the party.

given\_name

string <= 140 characters

When the party is a person, the party's given, or first, name.

surname

string <= 140 characters

When the party is a person, the party's surname or family name.

Also known as the last name. Required when the party is a person.

Use also to store multiple surnames including the matronymic, or mother's, surname.

Copy

```
{  
  "given_name": "string",  
  "surname": "string"  
}
```

## Name

The name of the party.

given\_name

string <= 140 characters

When the party is a person, the party's given, or first, name.

surname

string <= 140 characters

When the party is a person, the party's surname or family name.  
Also known as the last name. Required when the party is a person.  
Use also to store multiple surnames including the matronymic, or  
mother's, surname.

Copy

```
{  
  "given_name": "string",  
  "surname": "string"  
}
```

## Name

The name of the party.

full\_name  
string <= 300 characters

When the party is a person, the party's full name.

Copy

```
{  
  "full_name": "string"  
}
```

## Name

The name of the party.

```
full_name  
string <= 300 characters
```

When the party is a person, the party's full name.

Copy

```
{  
  "full_name": "string"  
}
```

## net\_amount\_breakdown

The net amount. Returned when the currency of the refund is different from the currency of the PayPal account where the merchant holds their funds.

```
payable_amount >
```

```
object
```

The net amount debited from the merchant's PayPal account.

```
converted_amount >
```

```
object
```

The converted payable amount.

```
exchange_rate >
```

```
object
```

The exchange rate that determines the amount that was debited from the merchant's PayPal account.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{  
  - "payable_amount": {  
    "currency_code": "str",  
    "value": "string"  
  },  
  - "converted_amount": {  
    "currency_code": "str",  
    "value": "string"  
  },  
  - "exchange_rate": {  
    "value": "string",  
    "source_currency": "str",  
    "target_currency": "str"  
  }  
}
```

## network\_token

The Third Party Network token used to fund a payment.

number

required

string [ 13 .. 19 ] characters

Third party network token number.

cryptogram

string [ 28 .. 32 ] characters

An Encrypted one-time use value that's sent along with Network Token.

This field is not required to be present for recurring transactions.

token\_requestor\_id

string [ 1 .. 11 ] characters

A TRID, or a Token Requestor ID, is an identifier used by merchants to request network tokens from card networks. A TRID is a precursor to obtaining a network token for a credit card primary account number (PAN) and will aid in enabling secure card on file (COF) payments and reducing fraud.

expiry

**required**

string = 7 characters ^ [0-9]{4}-(0[1-9]|1[0-2])\$

The card expiration year and month, in [Internet date format](#).

eci\_flag

string [ 1 .. 255 ] characters ^ [0-9A-Z\_]+\$

Electronic Commerce Indicator (ECI). The ECI value is part of the 2 data elements that indicate the transaction was processed electronically. This should be passed on the authorization transaction to the Gateway/Processor.

Enum Value	Description
MASTERCARD_NON_3D_SECURE_TRANSACTION	Mastercard non-3-D Secure transaction
MASTERCARD_ATTEMPTED_AUTHENTICATION_TRANSACTION	Mastercard attempted authentication transaction
	Mastercard

Copy

```
{  
    "number": "stringstrings",  
    "cryptogram": "stringstringstringstringstri",  
    "token_requestor_id": "string",  
    "expiry": "string",  
    "eci_flag": "MASTERCARD_NON_3D_SECURE_TRANSACTION"  
}
```

## network\_transaction

Reference values used by the card network to identify a transaction.

`id`

string [ 9 .. 36 ] characters

Transaction reference id returned by the scheme. For Visa and Amex, this is the "Tran id" field in response. For MasterCard, this is the "BankNet reference id" field in response. For Discover, this is the "NRID" field in response. The pattern we expect for this field from Visa/Amex/CB/Discover is numeric, Mastercard/BNPP is alphanumeric and Paysecure is alphanumeric with special character -.

`date`

string = 4 characters

The date that the transaction was authorized by the scheme. This field may not be returned for all networks. MasterCard refers to this field as "BankNet reference date".

`acquirer_reference_number`

string [ 1 .. 36 ] characters

Reference ID issued for the card transaction. This ID can be used to track the transaction across processors, card brands and issuing

banks.

network

string [ 1 .. 255 ] characters ^[A-Z\_]+\$

Name of the card network through which the transaction was routed.

Enum Value	Description
VISA	Visa card.
MASTERCARD	Mastercard card.
DISCOVER	Discover card.
AMEX	American Express card.
SOLO	Solo debit card.
JCB	Japan Credit Bureau card.

Copy

```
{  
  "id": "stringstr",  
  "date": "stri",  
  "acquirer_reference_number": "string",  
  "network": "VISA"  
}
```

## network\_transaction\_reference

Reference values used by the card network to identify a transaction.

`id`

**required**

string [ 9 .. 36 ] characters

Transaction reference id returned by the scheme. For Visa and Amex, this is the "Tran id" field in response. For MasterCard, this is the "BankNet reference id" field in response. For Discover, this is the "NRID" field in response. The pattern we expect for this field from Visa/Amex/CB/Discover is numeric, Mastercard/BNPP is alphanumeric and Paysecure is alphanumeric with special character -.

`date`

string = 4 characters

The date that the transaction was authorized by the scheme. This field may not be returned for all networks. MasterCard refers to this field as "BankNet reference date".

`acquirer_reference_number`

string [ 1 .. 36 ] characters

Reference ID issued for the card transaction. This ID can be used to track the transaction across processors, card brands and issuing banks.

`network`

string [ 1 .. 255 ] characters ^[A-Z\_]+\$

Name of the card network through which the transaction was routed.

Enum Value	Description
VISA	Visa card.
MASTERCARD	Mastercard card.
DISCOVER	Discover card.
AMEX	American Express card.
SOLO	Solo debit card.
JCB	Japan Credit Bureau card.

 Copy

```
{  
    "id": "stringstr",  
    "date": "stri",  
    "acquirer_reference_number": "string",  
    "network": "VISA"  
}
```

## order\_billing\_plan

Metadata for merchant-managed recurring billing plans. Valid only during the saved payment method token or billing agreement creation.

```
billing_cycles >
```

required

Array of objects [ 1 .. 3 ] items

An array of billing cycles for trial billing and regular billing. A plan can have at most two trial cycles and only one regular cycle.

name

```
string [ 1 .. 127 ] characters
```

Name of the recurring plan.

setup\_fee >

object

The setup fee for the recurring plan. Ensure its part of the item amount.

Copy

Expand all

Collapse all

```
{
  - "billing_cycles": [
    - {
      "tenure_type": "REGULAR",
      "total_cycles": 1,
      "sequence": 1,
      - "pricing_scheme": {
        "pricing_model": "FIXED",
        - "price": {
          "currency_code": "str",
          "value": "string"
        },
        - "reload_threshold_amount": {
          "currency_code": "str",
          "value": "string"
        }
      },
      "start_date": "string"
    }
  ],
  "name": "string",
}
```

```
- "setup_fee": {  
    "currency_code": "str",  
    "value": "string"  
}  
}
```

## pares\_status

Transactions status result identifier. The outcome of the issuer's authentication.

string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\$

Transactions status result identifier. The outcome of the issuer's authentication.

Enum Value	Description
Y	Successful authentication.
N	Failed authentication / account not verified / transaction denied.
U	Unable to complete authentication.
A	Successful attempts transaction.
C	Challenge required for authentication.

[Copy](#)`"Y"`

## participant\_metadata

Profile information of the sender or receiver.

ip\_address

string [ 7 .. 39 ] characters [^\(\(\[0-9\]|\[1-9\]\[0-9\]|1\[0-9\]{2}|2\[0-4\]\[0-9\]\)|25\[...\]](#) Show pattern

The consumer's IP address, which can be represented in either IPv4 or IPv6 format.

[Copy](#)

```
{  
  "ip_address": "string"  
}
```

# Patch

The JSON patch object to apply partial updates to resources.

op

**required**

string

The operation.

Enum Value	Description
add	<p>Depending on the target location reference, completes one of these functions:</p> <ul style="list-style-type: none"><li>• <b>The target location is an array index.</b> Inserts a new value into the array at the specified index.</li><li>• <b>The target location is an object parameter that does not already exist.</b> Adds a new parameter to the object.</li><li>• <b>The target location is an object parameter that does exist.</b> Replaces that parameter's value.</li></ul> <p>The <code>value</code> parameter defines the value to add. For more information see <a href="#">4.1 add</a></p>

path

string

The **JSON Pointer** to the target document location at which to complete the operation.

value

any

The value to apply. The `remove`, `copy`, and `move` operations do not require a value. Since **JSON Patch** allows any type for `value`, the `type` property is not specified.

`from`

`string`

The **JSON Pointer** to the target document location from which to move the value. Required for the `move` operation.

Copy

```
{  
  "op": "add",  
  "path": "string",  
  "value": null,  
  "from": "string"  
}
```

## payee

The merchant who receives the funds and fulfills the order. The merchant is also known as the payee.

`email_address`

`string [ 3 .. 254 ] characters`

`(?:[a-zA-Z0-9!#$%&'*+=?^_`{|}~-]+(?:\.`

`[a-zA-...]`

Show pattern

The email address of merchant.

**merchant\_id**

string = 13 characters

^[2-9A-HJ-NP-Z]{13}\$

The encrypted PayPal account ID of the merchant.

[Copy](#)

```
{  
  "email_address": "string",  
  "merchant_id": "string"  
}
```

## payee\_base

The details for the merchant who receives the funds and fulfills the order. The merchant is also known as the payee.

**email\_address**

string [ 3 .. 254 ] characters

(?:[a-zA-Z0-9!#\$%&amp;'\*/=?^\_`{|}~-]+(?:\.

[a-zA-....] Show pattern

The email address of merchant.

**merchant\_id**

string = 13 characters

^[2-9A-HJ-NP-Z]{13}\$

The encrypted PayPal account ID of the merchant.

[Copy](#)

```
{  
  "email_address": "string",  
  "merchant_id": "string"  
}
```

## payer\_base

The customer who approves and pays for the order. The customer is also known as the payer.

**email\_address**

string [ 3 .. 254 ] characters

(?:[a-zA-Z0-9!#\$%&amp;'\*/=?^\_`{|}~-]+(?:\.

[a-zA-....] Show pattern

The email address of the payer.

Copy

```
{  
    "email_address": "string"  
}
```

## Payment Methods

List of payment methods.

```
paypal >
object
```

**PayPal payment method.**

```
venmo >
object
```

**Venmo payment method.**

```
paypal_credit >
object
```

**PayPal Credit payment method.**

```
paypal_pay_later >
object
```

**PayPal Pay Later payment method.**

Copy

Expand all

Collapse all

```
{
  "paypal": {
    "can_be_vaulted": "false",
    "country_code": "ST",
    "product_code": "CREDIT",
    "eligible_in_paypal_network": true,
    "recommended": "false",
    "recommended_priority": 1
  },
  "venmo": {
    "can_be_vaulted": "false",
    "country_code": "ST",
    "product_code": "CREDIT",
    "eligible_in_paypal_network": true,
    "recommended": "false",
    "recommended_priority": 1
  }
},
```

```
- "paypal_credit": {  
    "can_be_vaulted": "false",  
    "country_code": "st",  
    "product_code": "CREDIT"  
},  
- "paypal_pay_later": {  
    "can_be_vaulted": "false",  
    "country_code": "st",  
    "product_code": "CREDIT"  
}  
}
```

## Payment Supplementary Data

The supplementary data.

```
related_ids >  
object  
  
Identifiers related to a specific resource.
```

Copy

Expand all

Collapse all

```
{  
- "related_ids": {  
    "order_id": "string",  
    "authorization_id": "string",  
    "capture_id": "string"  
}
```

}

## payment\_initiator

The person or party who initiated or triggered the payment.

string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\$

The person or party who initiated or triggered the payment.

Enum Value	Description
CUSTOMER	Payment is initiated with the active engagement of the customer. e.g. a customer checking out on a merchant website.
MERCHANT	Payment is initiated by merchant on behalf of the customer without the active engagement of customer. e.g. a merchant charging the monthly payment of a subscription to the customer.

Copy

"CUSTOMER"

## payment\_instruction

Any additional payment instructions to be consider during payment processing. This processing instruction is applicable for Capturing an order or Authorizing an Order.

platform\_fees >

Array of objects [ 0 .. 1 ] items

An array of various fees, commissions, tips, or donations. This field is only applicable to merchants that been enabled for PayPal Complete Payments Platform for Marketplaces and Platforms capability.

payee\_receivable\_fx\_rate\_id

string [ 1 .. 4000 ] characters

FX identifier generated returned by PayPal to be used for payment processing in order to honor FX rate (for eligible integrations) to be used when amount is settled/received into the payee account.

disbursement\_mode

string [ 1 .. 16 ] characters ^[A-Z\_]+\$

Default: "INSTANT"

The funds that are held payee by the marketplace/platform. This field is only applicable to merchants that been enabled for PayPal Complete Payments Platform for Marketplaces and Platforms capability.

Enum Value	Description
INSTANT	The funds are released to the merchant immediately.

Enum Value	Description
DELAYED	The funds are held for a finite number of days. The actual duration depends on the region and type of integration. You can release the funds through a referenced payout. Otherwise, the funds disbursed automatically after the specified duration.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{
  - "platform_fees": [
    - {
      - "amount": {
        "currency_code": "str",
        "value": "string"
      },
      - "payee": {
        "email_address": "string",
        "merchant_id": "string"
      }
    }
  ],
  "payee_receivable_fx_rate_id": "string",
  "disbursement_mode": "INSTANT"
}
```

## payment\_instruction

Any additional payments instructions during refund payment processing. This object is only applicable to merchants that have been enabled for PayPal Commerce Platform for Marketplaces and Platforms capability. Please speak to your account manager if you want to use this capability.

platform\_fees >

Array of objects [ 0 .. 1 ] items

Specifies the amount that the API caller will contribute to the refund being processed. The amount needs to be lower than platform\_fees amount originally captured or the amount that is remaining if multiple refunds have been processed. This field is only applicable to merchants that have been enabled for PayPal Commerce Platform for Marketplaces and Platforms capability. Please speak to your account manager if you want to use this capability.

Copy

Expand all

Collapse all

```
{
  - "platform_fees": [
    - {
      - "amount": {
        "currency_code": "str",
        "value": "string"
      }
    }
  ]
}
```

## payment\_method

Set of unique payment methods.

string [ 1 .. 30 ] characters ^[A-Z0-9\_]+\$

Set of unique payment methods.

Enum Value	Description
PAYPAL	PAYPAL
VENMO	VENMO
PAYPAL_CREDIT	PAYPAL_CREDIT
PAYPAL_PAY_LATER	PAYPAL_PAY_LATER

Copy

"PAYPAL"

## payment\_token

## Vaulted instrument for a payment-method.

`id`

string [ 7 .. 36 ] characters

The PayPal-generated ID for the vault token.

`payment_source` >

object

The vaulted payment method details.

`links` >

Array of objects [ 1 .. 32 ] items

An array of related **HATEOAS links**.

[Copy](#)

[Expand all](#)

[Collapse all](#)

```
{  
  "id": "strings",  
  - "payment_source": {  
    - "venmo": {  
      "user_name": "string"  
    },  
    - "paypal": {  
      "email_address": "string"  
    }  
  },  
  - "links": [  
    - {  
      "href": "string",  
      "rel": "string",  
      "method": "GET"  
    }  
  ]  
}
```

## PayPal Account Identifier

The account identifier for a PayPal account.

string (PayPal Account Identifier) = 13 characters ^[2-9A-HJ-NP-Z]{13}\$

The account identifier for a PayPal account.

Copy

```
"stringstrings"
```

## PayPal services member indicator

Flag that indicates if the customer is in the PayPal network. This value will be included in the response if the include\_account\_details flag is set to "true" in the API request.

boolean

Flag that indicates if the customer is in the PayPal network. This value will be included in the response if the include\_account\_details flag is set to "true" in the API request.

Copy

true

## paypal\_wallet\_attributes

Additional attributes associated with the use of this PayPal Wallet.

customer ➔

object

The details about a customer in PayPal's system of record.

vault ➔

object

Attributes used to provide the instructions during vaulting of the PayPal Wallet.

Copy

Expand all

Collapse all

```
{  
  - "customer": {  
      "id": "string",  
      "email_address": "string",  
      - "phone": {  
          "phone_type": "FAX",  
          - "phone_number": {  
              "national_number": "string"  
            }  
        },  
      - "name": {  
          "given_name": "string",  
          "surname": "string"  
        },  
      "merchant_customer_id": "string"  
    },  
  - "vault": {  
      "store_in_vault": "ON_SUCCESS",  
      "description": "string",  
      "usage_pattern": "IMMEDIATE",  
      "usage_type": "MERCHANT",  
      "customer_type": "CONSUMER",  
      "permit_multiple_payment_tokens": false  
    }  
}
```

## paypal\_wallet\_customer

The details about a customer in PayPal's system of record.

**id**

string [ 1 .. 22 ] characters ^[0-9a-zA-Z\_-]+\$

The unique ID for a customer generated by PayPal.

**email\_address**

string [ 3 .. 254 ] characters (?:[a-zA-Z0-9!#\$%&'\*+/=?^\_`{|}~-]+(?:\.\[a-zA-... Show pattern

Email address of the customer as provided to the merchant or on file with the merchant. Email Address is required if you are processing the transaction using PayPal Guest Processing which is offered to select partners and merchants.

phone >

object

The phone number of the customer as provided to the merchant or on file with the merchant. The `phone.phone_number` supports only `national_number`.

name >

object

The full name of the customer as provided to the merchant or on file with the merchant.

`merchant_customer_id`

string [ 1 .. 64 ] characters

Merchants and partners may already have a data-store where their customer information is persisted. Use `merchant_customer_id` to associate the PayPal-generated `customer.id` to your representation of a customer.

[Copy](#) [Expand all](#) [Collapse all](#)

```
{
  "id": "string",
  "email_address": "string",
  - "phone": {
      "phone_type": "FAX",
      - "phone_number": {
          "national_number": "string"
        }
      },
  - "name": {
      "given_name": "string",
      "surname": "string"
    },
}
```

```
"merchant_customer_id": "string"  
}
```

## paypal\_wallet\_experience\_context

Customizes the payer experience during the approval process for payment with PayPal.

**Note:** Partners and Marketplaces might configure `brand_name` and `shipping_preference` during partner account setup, which overrides the request values.

`brand_name`

string `[ 1 .. 127 ] characters`

The label that overrides the business name in the PayPal account on the PayPal site. The pattern is defined by an external party and supports Unicode.

`shipping_preference`

string `[ 1 .. 24 ] characters`

Default: `"GET_FROM_FILE"`

The location from which the shipping address is derived.

Enum Value	Description
<code>GET_FROM_FILE</code>	Get the customer-provided shipping address on the PayPal site.

Enum Value	Description
NO_SHIPPING contact_preference  string [ 1 .. 24 ] characters	Removes the shipping address information from the API response and the Paypal site. However, the shipping.phone_number and

Default: "NO\_CONTACT\_INFO"

The preference to display the contact information (buyer's shipping email & phone number) on PayPal's checkout for easy merchant-buyer communication.

Enum Value	Description
NO_CONTACT_INFO	The merchant can opt out of showing buyer's contact information on PayPal checkout.
UPDATE_CONTACT_INFO	The merchant allows buyer to add or update shipping contact information on the PayPal checkout. Please ensure to use this updated information returned in shipping.email_address and shipping.phone_number to contact your buyers.

landing\_page

string [ 1 .. 13 ] characters

Default: "NO\_PREFERENCE"

The type of landing page to show on the PayPal site for customer checkout.

Enum Value	Description
LOGIN	When the customer clicks <b>PayPal Checkout</b> , the customer is redirected to a page to log in to PayPal and approve the payment.
GUEST_CHECKOUT	When the customer clicks <b>PayPal Checkout</b> , the customer is redirected to a page to enter credit or debit card and other relevant billing information required to complete the purchase. This option has previously been also called as 'BILLING'

When the customer clicks **PayPal Checkout**,

user\_action

string [ 1 .. 8 ] characters

Default: "CONTINUE"

Configures a **Continue** or **Pay Now** checkout flow.

Enum Value	Description
CONTINUE	After you redirect the customer to the PayPal payment page, a <b>Continue</b> button appears. Use this option when the final amount is not known when the checkout flow is initiated and you want to redirect the customer to the merchant page without processing the payment.
PAY_NOW	After you redirect the customer to the PayPal payment page, a <b>Pay Now</b> button appears. Use this option when the final amount is known when the checkout is initiated and you want to process the payment immediately when the customer clicks <b>Pay Now</b> .

payment\_method\_preference

string [ 1 .. 255 ] characters

Default: "UNRESTRICTED"

The merchant-preferred payment methods.

Enum Value	Description
UNRESTRICTED	Accepts any type of payment from the customer.
IMMEDIATE_PAYMENT_REQUIRED	Accepts only immediate payment from the customer. For example, credit card, PayPal balance, or instant ACH. Ensures that at the time of capture, the payment does not have the <code>pending</code> status.

**locale**

string [ 2 .. 10 ] characters `^[a-z]{2}(:-[A-Z][a-z]{3})?(:-(?:[A-Z]{2}|[...]` Show pattern

The BCP 47-formatted locale of pages that the PayPal payment experience shows. PayPal supports a five-character code. For example, `da-DK`, `he-IL`, `id-ID`, `ja-JP`, `no-NO`, `pt-BR`, `ru-RU`, `sv-SE`, `th-TH`, `zh-CN`, `zh-HK`, or `zh-TW`.

**return\_url**

string

The URL where the customer will be redirected upon approving a payment.

**cancel\_url**

string

The URL where the customer will be redirected upon cancelling the payment approval.

**order\_update\_callback\_config** >

object

Merchant provided Order Update callback configuration for PayPal Wallet. PayPal will call back merchant when the specified event occurs. We recommend merchants to pass both the `shipping_options` and `shipping_address` callback events. Not supported when `shipping.type` is specified or when 'application\_context.shipping\_preference' is set as 'NO\_SHIPPING' or 'SET\_PROVIDED\_ADDRESS'.

Copy      Expand all      Collapse all

```
{  
    "brand_name": "string",  
    "shipping_preference": "GET_FROM_FILE",  
    "contact_preference": "NO_CONTACT_INFO",  
    "landing_page": "LOGIN",  
    "user_action": "CONTINUE",  
    "payment_method_preference": "UNRESTRICTED",  
    "locale": "string",  
    "return_url": "string",  
    "cancel_url": "string",  
    - "order_update_callback_config": {  
        - "callback_events": [  
            "string"  
        ],  
        "callback_url": "http://example.com"  
    }  
}
```

## paypal\_wallet\_stored\_credential

Provides additional details to process a payment using the PayPal wallet billing agreement or a vaulted payment method that has been stored or is intended to be stored.

payment\_initiator  
**required**  
string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\$

The person or party who initiated or triggered the payment.

Enum Value	Description
CUSTOMER	Payment is initiated with the active engagement of the customer. e.g. a customer checking out on a merchant website.
MERCHANT	Payment is initiated by merchant on behalf of the customer without the active engagement of customer. e.g. a merchant charging the monthly payment of a subscription to the customer.

charge\_pattern

string [ 1 .. 30 ] characters ^[A-Z0-9\_]+\$

DEPRECATED. Expected business/pricing model for the billing agreement, Please use usage\_pattern instead.

Enum Value	Description
IMMEDIATE	On-demand instant payments – non-recurring, pre-paid, variable amount, variable frequency.
DEFERRED	Pay after use, non-recurring post-paid, variable amount, irregular frequency.
RECURRING_PREPAID	Pay upfront fixed or variable amount on a fixed date before the goods/service is delivered.

usage\_pattern

string [ 1 .. 30 ] characters ^[A-Z0-9\_]+\$

Expected business/pricing model for the billing agreement.

Enum Value	Description
IMMEDIATE	On-demand instant payments – non-recurring, pre-paid, variable amount, variable frequency.
DEFERRED	Pay after use, non-recurring post-paid, variable amount, irregular frequency.
RECURRING_PREPAID	Pay upfront fixed or variable amount on a fixed date before the goods/service is delivered.

Pay on a fixed date based on usage or usage

string `[ 1 .. 255 ] characters` `^[0-9A-Z_]+$`

Default: `"DERIVED"`

Indicates if this is a `first` or `subsequent` payment using a stored payment source (also referred to as stored credential or card on file).

Enum Value	Description
FIRST	Indicates the Initial/First payment with a payment_source that is intended to be stored upon successful processing of the payment.
SUBSEQUENT	Indicates a payment using a stored payment_source which has been successfully used previously for a payment.
DERIVED	Indicates that PayPal will derive the value of <code>FIRST</code> or <code>SUBSEQUENT</code> based on data available to PayPal.

[Copy](#)

```
{  
  "payment_initiator": "CUSTOMER",  
  "charge_pattern": "IMMEDIATE",  
  "usage_pattern": "IMMEDIATE",  
  "usage": "FIRST"  
}
```

## Phone

The phone number, in its canonical international [E.164 numbering plan format](#).

```
national_number  
required  
string [ 1 .. 14 ] characters
```

The national number, in its canonical international [E.164 numbering plan format](#). The combined length of the country calling code (CC) and the national number must not be greater than 15 digits. The national number consists of a national destination code (NDC) and subscriber number (SN).

[Copy](#)

```
{  
  "national_number": "string"  
}
```

## Phone

The phone number, in its canonical international [E.164 numbering plan format](#).

country\_code

required

string [ 1 .. 3 ] characters

The country calling code (CC), in its canonical international [E.164 numbering plan format](#). The combined length of the CC and the national number must not be greater than 15 digits. The national number consists of a national destination code (NDC) and subscriber number (SN).

national\_number

required

string [ 1 .. 14 ] characters

The national number, in its canonical international [E.164 numbering plan format](#). The combined length of the country calling code (CC) and the national number must not be greater than 15 digits. The national number consists of a national destination code (NDC) and subscriber number (SN).

[Copy](#)

```
{  
  "country_code": "str",  
  "national_number": "string"  
}
```

## Phone

The phone number in its canonical international [E.164 numbering plan format](#).

country\_code

required

string [ 1 .. 3 ] characters

The country calling code (CC), in its canonical international [E.164 numbering plan format](#). The combined length of the CC and the national number must not be greater than 15 digits. The national number consists of a national destination code (NDC) and subscriber number (SN).

national\_number

required

string [ 1 .. 14 ] characters

The national number, in its canonical international [E.164 numbering plan format](#). The combined length of the country calling code (CC) and the national number must not be greater than 15 digits. The national number consists of a national destination code (NDC) and subscriber number (SN).

Copy

```
{  
  "country_code": "str",  
  "national_number": "string"  
}
```

## Phone

The phone number, in its canonical international [E.164 numbering plan format](#).

```
national_number
required
string [ 1 .. 14 ] characters
```

The national number, in its canonical international [E.164 numbering plan format](#). The combined length of the country calling code (CC) and the national number must not be greater than 15 digits. The national number consists of a national destination code (NDC) and subscriber number (SN).

Copy

```
{
  "national_number": "string"
}
```

## Phone

The phone number in its canonical international [E.164 numbering plan format](#).

country\_code

string [ 1 .. 3 ] characters

The country calling code (CC), in its canonical international [E.164 numbering plan format](#). The combined length of the CC and the national number must not be greater than 15 digits. The national number consists of a national destination code (NDC) and subscriber number (SN).

national\_number

required

string [ 1 .. 14 ] characters

The national number, in its canonical international [E.164 numbering plan format](#). The combined length of the country calling code (CC) and the national number must not be greater than 15 digits. The national number consists of a national destination code (NDC) and subscriber number (SN).

Copy

```
{  
  "country_code": "str",  
  "national_number": "string"  
}
```

## Phone

The phone number in its canonical international [E.164 numbering plan format](#).

country\_code

required

string [ 1 .. 3 ] characters

The country calling code (CC), in its canonical international [E.164 numbering plan format](#). The combined length of the CC and the national number must not be greater than 15 digits. The national number consists of a national destination code (NDC) and subscriber number (SN).

national\_number

required

string [ 1 .. 14 ] characters

The national number, in its canonical international [E.164 numbering plan format](#). The combined length of the country calling code (CC) and the national number must not be greater than 15 digits. The national number consists of a national destination code (NDC) and subscriber number (SN).

Copy

```
{  
  "country_code": "str",  
  "national_number": "string"  
}
```

# Phone

The phone number, in its canonical international [E.164 numbering plan format](#).

country\_code

required

string [ 1 .. 3 ] characters

The country calling code (CC), in its canonical international [E.164 numbering plan format](#). The combined length of the CC and the national number must not be greater than 15 digits. The national number consists of a national destination code (NDC) and subscriber number (SN).

national\_number

required

string [ 1 .. 14 ] characters

The national number, in its canonical international [E.164 numbering plan format](#). The combined length of the country calling code (CC) and the national number must not be greater than 15 digits. The national number consists of a national destination code (NDC) and subscriber number (SN).

Copy

```
{  
    "country_code": "str",  
    "national_number": "string"  
}
```

## Phone Type

The phone type.

string

The phone type.

Enum Value	Description
FAX	Fax number.
HOME	Home phone number.
MOBILE	Mobile phone number.
OTHER	Other phone number.
PAGER	Pager number.

Copy

"FAX"

## **phone\_with\_type**

The phone information.

phone\_type

string

The phone type.

Enum Value	Description
FAX	Fax number.
HOME	Home phone number.
MOBILE	Mobile phone number.
OTHER	Other phone number.
PAGER	Pager number.

phone\_number >

required

object

The phone number, in its canonical international **E.164 numbering plan format**. Supports only the `national_number` property.

Copy

Expand all

Collapse all

```
{
  "phone_type": "FAX",
  - "phone_number": {
    "national_number": "string"
  }
}
```

## platform\_fee

The platform or partner fee, commission, or brokerage fee that is associated with the transaction. Not a separate or isolated transaction leg from the external perspective. The platform fee is limited in scope and is always associated with the original payment for the purchase unit.

amount >

**required**

object

The fee for this transaction.

payee >

object

The recipient of the fee for this transaction. If you omit this value, the default is the API caller.

[Copy](#)

[Expand all](#)

[Collapse all](#)

```
{  
  - "amount": {  
    "currency_code": "str",  
    "value": "string"  
  },  
  - "payee": {  
    "email_address": "string",  
    "merchant_id": "string"  
  }  
}
```

## platform\_fee

The platform or partner fee, commission, or brokerage fee that is associated with the transaction. Not a separate or isolated transaction leg from the external perspective. The platform fee is limited in scope and is always associated with the original payment for the purchase unit.

amount >

required

object

The fee for this transaction.

Copy

Expand all

Collapse all

```
{  
  "amount": {  
    "currency_code": "str",  
    "value": "string"  
  }  
}
```

## Point of sale

The API caller-provided information about the store.

store\_id

string [ 1 .. 50 ] characters

The API caller-provided external store identification number.

terminal\_id

string [ 1 .. 50 ] characters

The API caller-provided external terminal identification number.

Copy

```
{  
  "store_id": "string",  
  "terminal_id": "string"  
}
```

## Portable Postal Address (Medium-Grained)

The portable international postal address. Maps to [AddressValidationMetadata](#) and HTML 5.1 [Autofilling form controls: the autocomplete attribute](#).

address\_line\_1

string <= 300 characters

The first line of the address, such as number and street, for example, `173 Drury Lane`. Needed for data entry, and Compliance and Risk checks. This field needs to pass the full address.

address\_line\_2

string <= 300 characters

The second line of the address, for example, a suite or apartment number.

admin\_area\_2

string <= 120 characters

A city, town, or village. Smaller than `admin_area_level_1`.

admin\_area\_1

string <= 300 characters

The highest-level sub-division in a country, which is usually a province, state, or ISO-3166-2 subdivision. This data is formatted

for postal delivery, for example, CA and not California. Value, by country, is:

- UK. A county.
- US. A state.
- Canada. A province.
- Japan. A prefecture.
- Switzerland. A *kanton*.

postal\_code

string `<= 60 characters`

The postal code, which is the ZIP code or equivalent. Typically required for countries with a postal code or an equivalent. See [postal code](#).

country\_code

required

string `= 2 characters` `^([A-Z]{2}|C2)$`

The [2-character ISO 3166-1 code](#) that identifies the country or region.

**Note:** The country code for Great Britain is GB and not UK as used in the top-level domain names for that country. Use the C2 country code for China worldwide for comparable uncontrolled price (CUP) method, bank card, and cross-border transactions.

Copy

```
{  
    "address_line_1": "string",  
    "address_line_2": "string",  
    "admin_area_2": "string",  
    "admin_area_1": "string",  
    "postal_code": "string",  
    "country_code": "st"  
}
```

## Portable Postal Address (Medium-Grained)

The portable international postal address. Maps to [AddressValidationMetadata](#) and HTML 5.1 [Autofilling form controls: the autocomplete attribute](#).

address\_line\_1

string <= 300 characters

The first line of the address, such as number and street, for example, `173 Drury Lane`. Needed for data entry, and Compliance and Risk checks. This field needs to pass the full address.

address\_line\_2

string <= 300 characters

The second line of the address, for example, a suite or apartment number.

admin\_area\_2

string <= 120 characters

A city, town, or village. Smaller than `admin_area_level_1`.

admin\_area\_1

string <= 300 characters

The highest-level sub-division in a country, which is usually a province, state, or ISO-3166-2 subdivision. This data is formatted for postal delivery, for example, CA and not California. Value, by country, is:

- UK. A county.
- US. A state.
- Canada. A province.
- Japan. A prefecture.
- Switzerland. A *kanton*.

postal\_code

string `<= 60 characters`

The postal code, which is the ZIP code or equivalent. Typically required for countries with a postal code or an equivalent. See [postal code](#).

country\_code

required

string `= 2 characters` `^([A-Z]{2}|C2)$`

The [2-character ISO 3166-1 code](#) that identifies the country or region.

**Note:** The country code for Great Britain is GB and not UK as used in the top-level domain names for that country. Use the C2 country code for China worldwide for comparable uncontrolled price (CUP) method, bank card, and cross-border transactions.

Copy

```
{  
  "address_line_1": "string",  
  "address_line_2": "string",  
  "admin_area_2": "string",  
  "admin_area_1": "string",  
  "postal_code": "string",  
}
```

```
"country_code": "st"  
}
```

## Portable Postal Address (Medium-Grained)

The portable international postal address. Maps to [AddressValidationMetadata](#) and HTML 5.1 [Autofilling form controls: the autocomplete attribute](#).

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The second line of the address, for example, a suite or apartment number.

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required

string `= 2 characters` `^([A-Z]{2}|C2)$`

The **2-character ISO 3166-1 code** that identifies the country or region.

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Copy

```
{  
  "address_line_1": "string",  
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  "admin_area_2": "string",  
  "admin_area_1": "string",  
  "postal_code": "string",  
  "country_code": "st"  
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The portable international postal address. Maps to

[AddressValidationMetadata](#) and HTML 5.1 [Autofilling form controls: the autocomplete attribute](#).

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The second line of the address, for example, a suite or apartment number.

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postal\_code

string `<= 60 characters`

The postal code, which is the ZIP code or equivalent. Typically required for countries with a postal code or an equivalent. See [postal code](#).

country\_code

required

string `= 2 characters` `^( [A-Z]{2} | C2 ) $`

The [2-character ISO 3166-1 code](#) that identifies the country or region.

**Note:** The country code for Great Britain is `GB` and not `UK` as used in the top-level domain names for that country. Use the `C2` country code for China worldwide for comparable uncontrolled price (CUP) method, bank card, and cross-border transactions.

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```
{  
    "address_line_1": "string",  
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    "admin_area_2": "string",  
    "admin_area_1": "string",  
    "postal_code": "string",  
    "country_code": "st"  
}
```

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string = 2 characters

^( [A-Z]{2} | C2 ) \$

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Copy

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    "address_line_1": "string",  
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    "admin_area_1": "string",  
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    "address_line_2": "string",  
    "admin_area_2": "string",  
    "admin_area_1": "string",  
    "postal_code": "string",  
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The second line of the address, for example, a suite or apartment number.

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A city, town, or village. Smaller than `admin_area_level_1`.

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- US. A state.
- Canada. A province.
- Japan. A prefecture.
- Switzerland. A *kanton*.

postal\_code

string `<= 60 characters`

The postal code, which is the ZIP code or equivalent. Typically required for countries with a postal code or an equivalent. See

### postal code

country\_code

required

string `= 2 characters` `^([A-Z]{2}|C2)$`

The **2-character ISO 3166-1 code** that identifies the country or region.

**Note:** The country code for Great Britain is `GB` and not `UK` as used in the top-level domain names for that country. Use the `C2` country code for China worldwide for comparable uncontrolled price (CUP) method, bank card, and cross-border transactions.

 Copy

```
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    "address_line_1": "string",  
    "address_line_2": "string",  
    "admin_area_2": "string",  
    "admin_area_1": "string",  
    "postal_code": "string",  
    "country_code": "st"  
}
```

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string <= 300 characters

The second line of the address, for example, a suite or apartment number.

admin\_area\_2

string `<= 120 characters`

A city, town, or village. Smaller than `admin_area_level_1`.

`admin_area_1`

string `<= 300 characters`

The highest-level sub-division in a country, which is usually a province, state, or ISO-3166-2 subdivision. This data is formatted for postal delivery, for example, `CA` and not `California`. Value, by country, is:

- UK. A county.
- US. A state.
- Canada. A province.
- Japan. A prefecture.
- Switzerland. A *kanton*.

`postal_code`

string `<= 60 characters`

The postal code, which is the ZIP code or equivalent. Typically required for countries with a postal code or an equivalent. See [postal code](#).

`country_code`

required

string `= 2 characters` `^([A-Z]{2}|C2)$`

The [2-character ISO 3166-1 code](#) that identifies the country or region.

**Note:** The country code for Great Britain is `GB` and not `UK` as used in the top-level domain names for that country. Use the `C2` country code for China worldwide for comparable uncontrolled price (CUP) method, bank card, and cross-border transactions.

Copy

```
{  
    "address_line_1": "string",  
    "address_line_2": "string",  
    "admin_area_2": "string",  
    "admin_area_1": "string",  
    "postal_code": "string",  
    "country_code": "st"  
}
```

## Preferences

Preferences of merchant/partner consuming the API.

payment\_flow

string [ 1 .. 64 ] characters ^[A-Z0-9\_]+\$

This field specifies the payment flow, expected to provide a hint about which payment action the customer is intending to perform.

Enum Value	Description
ONE_TIME_PAYMENT	Indicates that a customer is attempting to acquire a product within the context of a purchase. Most often, this will be the standard PayPal Checkout experience.
RECURRING_PAYMENT	Indicates that the customer is in the recurring payment experience.

Enum Value	Description
include_account_details boolean  Default: "false" If this value is set to true, response will include confirmation if the customer has PayPal and/or Venmo accounts if they are eligible payment methods. Value defaults to false.	
include_vault_tokens boolean  Default: "false" If this value is set to true, response will include vaulted token information if the eligible funding source has any instrument vaulted for the customer. Value defaults to false.	

payment\_source\_constraint >

object

Payment source constraint defines the payment methods that needs to be included/excluded for eligibility assessment. If not passed, all payment methods will be assessed for eligibility.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{  
    "payment_flow": "ONE_TIME_PAYMENT",  
    "include_account_details": "false",  
    "include_vault_tokens": "false",  
    - "payment_source_constraint": {  
        "constraint_type": "INCLUDE",  
        - "payment_sources": [  
            "PAYPAL"  
        ]  
    }  
}
```

## pricing\_scheme

The pricing scheme details.

pricing\_model

required

string [ 1 .. 24 ] characters

The pricing model for the billing cycle.

Enum Value	Description
FIXED	A fixed pricing scheme where the customer is charged a fixed amount.
VARIABLE	A variable pricing scheme where the customer is charged a variable amount.
AUTO_RELOAD	A auto-reload pricing scheme where the customer is charged a fixed amount for reload.

price >

object

The price the customer will be charged based on the pricing model

reload\_threshold\_amount >

object

The threshold amount on which the reload charge would be triggered. This will be associated with the account-balance where if the account-balance goes below this amount then customer would incur reload charge.

Copy

Expand all

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{

  "pricing\_model": "FIXED",

```
- "price": {  
    "currency_code": "str",  
    "value": "string"  
},  
- "reload_threshold_amount": {  
    "currency_code": "str",  
    "value": "string"  
}  
}
```

## processor\_response

The processor response information for payment requests, such as direct credit card transactions.

avs\_code

string

The address verification code for Visa, Discover, Mastercard, or American Express transactions.

Enum Value	Description
0	For Maestro, all address information matches.
1	For Maestro, none of the address information matches.
2	For Maestro, part of the address information matches.

Enum Value	Description
cvv_code	string The card verification value code for for Visa, Discover, Mastercard, or American Express.

Enum Value	Description
0	For Maestro, the CVV2 matched.
1	For Maestro, the CVV2 did not match.
2	For Maestro, the merchant has not implemented CVV2 code handling.
3	For Maestro, the merchant has indicated that CVV2 is not present on card.

response_code	
string	Processor response code for the non-PayPal payment processor errors.

Enum Value	Description
1000	PARTIAL_AUTHORIZATION.
1300	INVALID_DATA_FORMAT.
1310	INVALID_AMOUNT.

Enum Value	Description
payment_advice_code	string  The declined payment transactions might have payment advice codes. The card networks, like Visa and Mastercard, return payment advice codes.

Enum Value	Description
21	For Mastercard, the card holder has been unsuccessful at canceling recurring payment through merchant. Stop recurring payment requests. For Visa, all recurring payments were canceled for the card number requested. Stop recurring payment requests.
22	For Mastercard, merchant does not qualify for product code.
24	For Mastercard, retry after 1 hour.
25	For Mastercard, retry after 24 hours

 Copy

```
{  
  "avs_code": "A",  
  "cvv_code": "E",  
  "response_code": "0000",  
  "payment_advice_code": "01"  
}
```

## qr\_details

QR details received from processor.

qr\_image

string [ 1 .. 20000 ] characters

QR image received from APM processor, The pattern is not provided because the value is defined by an external party.

qr\_payload

string [ 1 .. 520 ] characters

QR payload received from APM processor, The pattern is not provided because the value is defined by an external party.

Copy

```
{  
  "qr_image": "string",  
  "qr_payload": "string"  
}
```

## Reauthorize Request

Reauthorizes an authorized PayPal account payment, by ID. To ensure that funds are still available, reauthorize a payment after its initial three-day honor period expires. You can reauthorize a payment only once from days four to 29.

If 30 days have transpired since the date of the original authorization, you must create an authorized payment instead of reauthorizing the original authorized payment.

A reauthorized payment itself has a new honor period of three days.

You can reauthorize an authorized payment once. The allowed amount depends on context and geography, for example in US it is up to 115% of the original authorized amount, not to exceed an increase of \$75 USD.

Supports only the `amount` request parameter.

`amount >`

`object`

The amount to reauthorize for an authorized payment.

Copy

Expand all

Collapse all

```
{  
  "amount": {  
    "currency_code": "str",  
    "value": "string"  
  }  
}
```

# refund

The refund information.

status

string

The status of the refund.

Enum Value	Description
CANCELLED	The refund was cancelled.
FAILED	The refund could not be processed.
PENDING	The refund is pending. For more information, see <a href="#">status_details.reason</a> .
COMPLETED	The funds for this transaction were debited to the customer's account.

[status\\_details >](#)

object

The details of the refund status.

id

string

The PayPal-generated ID for the refund.

invoice\_id

string

The API caller-provided external invoice number for this order.

Appears in both the payer's transaction history and the emails that

the payer receives.

custom\_id

string [ 1 .. 255 ] characters

The API caller-provided external ID. Used to reconcile API caller-initiated transactions with PayPal transactions. Appears in transaction and settlement reports.

acquirer\_reference\_number

string [ 1 .. 36 ] characters

Reference ID issued for the card transaction. This ID can be used to track the transaction across processors, card brands and issuing banks.

note\_to\_payer

string

The reason for the refund. Appears in both the payer's transaction history and the emails that the payer receives.

seller\_payable\_breakdown >

object

The breakdown of the refund.

links >

Array of objects

An array of related **HATEOAS links**.

amount >

object

The amount that the payee refunded to the payer.

payer >

object

The details associated with the merchant for this transaction.

create\_time

string [ 20 .. 64 ] characters ^[0-9]{4}-(0[1-9]|1[0-2])-(0[1-9]|1[1-2])[0-9]... Show pattern

The date and time when the transaction occurred, in **Internet date and time format**.

update\_time

string [ 20 .. 64 ] characters ^[0-9]{4}-(0[1-9]|1[0-2])-(0[1-9]|1[1-2])[0-9]... Show pattern

The date and time when the transaction was last updated, in **Internet date and time format**.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{  
    "status": "CANCELLED",  
    "status_details": {  
        "reason": "ECHECK"  
    },  
    "id": "string",  
    "invoice_id": "string",  
    "custom_id": "string",  
    "acquirer_reference_number": "string",  
    "note_to_payer": "string",
```

```
- "seller_payable_breakdown": {
    - "platform_fees": [
        - {
            - "amount": {
                "currency_code": "str",
                "value": "string"
            },
            - "payee": {
                "email_address": "string",
                "merchant_id": "string"
            }
        }
    ],
    - "net_amount_breakdown": [
        - {
            - "payable_amount": {
                "currency_code": "str",
                "value": "string"
            },
            - "converted_amount": {
                "currency_code": "str",
                "value": "string"
            },
            - "exchange_rate": {
                "value": "string",
                "source_currency": "str",
                "target_currency": "str"
            }
        }
    ],
    - "gross_amount": {
        "currency_code": "str",
        "value": "string"
    },
    - "paypal_fee": {
        "currency_code": "str",
        "value": "string"
    },
    - "paypal_fee_in_receivable_currency": {
        "currency_code": "str",
        "value": "string"
    },
    - "net_amount": {
        "currency_code": "str",
        "value": "string"
    },
    - "net_amount_in_receivable_currency": {
        "currency_code": "str",
        "value": "string"
    },
    - "total_refunded_amount": "string"
}
```

```
- "total_refunded_amount": {
    "currency_code": "str",
    "value": "string"
},
],
- "links": [
- {
    "href": "string",
    "rel": "string",
    "method": "GET"
}
],
- "amount": {
    "currency_code": "str",
    "value": "string"
},
- "payer": {
    "email_address": "string",
    "merchant_id": "string"
},
"create_time": "string",
"update_time": "string"
}
```

## Refund Request

Refunds a captured payment, by ID. For a full refund, include an empty request body. For a partial refund, include an `amount` object in the request body.

`custom_id`  
string [ 1 .. 127 ] characters

The API caller-provided external ID. Used to reconcile API caller-initiated transactions with PayPal transactions. Appears in transaction and settlement reports. The pattern is defined by an external party and supports Unicode.

invoice\_id

string [ 1 .. 127 ] characters

The API caller-provided external invoice ID for this order. The pattern is defined by an external party and supports Unicode.

note\_to\_payer

string [ 1 .. 255 ] characters

The reason for the refund. Appears in both the payer's transaction history and the emails that the payer receives. The pattern is defined by an external party and supports Unicode.

amount >

object

The amount to refund. To refund a portion of the captured amount, specify an amount. If amount is not specified, an amount equal to `captured_amount - previous_refunds` is refunded. The amount must be a positive number and in the same currency as the one in which the payment was captured.

payment\_instruction >

object

Any additional refund instructions to be set during refund payment processing. This object is only applicable to merchants that have been enabled for PayPal Commerce Platform for Marketplaces and Platforms capability. Please speak to your account manager if you want to use this capability.

Copy

Expand all

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```
{  
    "custom_id": "string",  
    "invoice_id": "string",  
    "note_to_payer": "string",  
    "amount": {  
        "currency_code": "str",  
        "value": "string"  
    },  
}
```

```
- "payment_instruction": {  
  - "platform_fees": [  
    - {  
      - "amount": {  
        "currency_code": "str",  
        "value": "string"  
      }  
    }  
  ]  
}  
}
```

## refund\_status

The refund status with details.

status

string

The status of the refund.

Enum Value	Description
CANCELLED	The refund was cancelled.
FAILED	The refund could not be processed.
PENDING	The refund is pending. For more information, see <a href="#">status_details.reason</a> .
COMPLETED	The funds for this transaction were debited to the customer's account.

```
status_details >
```

```
object
```

The details of the refund status.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{
  "status": "CANCELLED",
  - "status_details": {
    "reason": "ECHECK"
  }
}
```

## refund\_status\_details

The details of the refund status.

reason  
string

The reason why the refund has the `PENDING` or `FAILED` status.

Value	Description
ECHECK	The customer's account is funded through an eCheck, which has not yet cleared.

Copy

```
{  
  "reason": "ECHECK"  
}
```

## Related Identifiers

Identifiers related to a specific resource.

order\_id  
string `[ 1 .. 20 ] characters`

Order ID related to the resource.

```
authorization_id  
string [ 1 .. 20 ] characters
```

Authorization ID related to the resource.

```
capture_id  
string [ 1 .. 20 ] characters
```

Capture ID related to the resource.

Copy

```
{  
  "order_id": "string",  
  "authorization_id": "string",  
  "capture_id": "string"  
}
```

## Response for PayPal

Response for PayPal.

```
can_be_vaulted
```

boolean

Default: `false`

Indicates if the payment method can be vaulted or not. A true value indicates the payment method can be vaulted using our vaults product. If false, vaulting is not currently supported for this payment method.

country\_code

string = 2 characters ^([A-Z]{2}|C2)\$

Returns a country\_code which is derived from the buyer's country.

product\_code

string [ 1 .. 64 ] characters ^[A-Z0-9\_]+\$

Returns a product code.

Enum Value	Description
CREDIT	Open ended credit products.
PAYLATER	Pay Later suite of products.
PAY_IN_3	Pay In 3 suite of products.
PAY_IN_4	Pay In 4 suite of products.

eligible\_in\_paypal\_network

boolean

Flag that indicates if the customer is in the PayPal network. This value will be included in the response if the include\_account\_details flag is set to "true" in the API request.

recommended

boolean

Default: "false"

Indicates if the payment method is recommended or not. A true value indicates the customer is payment ready and this payment method may be presented upfront.

recommended\_priority

integer [ 1 .. 3 ]

This value is included in the response when recommended is true for a payment method. It indicates the priority of recommendation for payment readiness of eligible payment methods with lowest number taking the highest precedence.

[Copy](#)

```
{  
    "can_be_vaulted": "false",  
    "country_code": "st",  
    "product_code": "CREDIT",  
    "eligible_in_paypal_network": true,  
    "recommended": "false",  
    "recommended_priority": 1  
}
```

## Response for Venmo

Response for Venmo.

can\_be\_vaulted

boolean

Default: "false"

Indicates if the payment method can be vaulted or not. A true value indicates the payment method can be vaulted using our vaults product. If false, vaulting is not currently supported for this payment method.

country\_code

string = 2 characters ^([A-Z]{2}|C2)\$

Returns a country\_code which is derived from the buyer's country.

product\_code

string [ 1 .. 64 ] characters ^[A-Z0-9\_]+\$

Returns a product code.

Enum Value	Description
CREDIT	Open ended credit products.
PAYLATER	Pay Later suite of products.
PAY_IN_3	Pay In 3 suite of products.
PAY_IN_4	Pay In 4 suite of products.

eligible\_in\_paypal\_network

boolean

Flag that indicates if the customer is in the PayPal network. This value will be included in the response if the include\_account\_details flag is set to "true" in the API request.

recommended

boolean

Default: `"false"`

Indicates if the payment method is recommended or not. A true value indicates the customer is payment ready and this payment method may be presented upfront.

recommended\_priority

integer `[ 1 .. 3 ]`

This value is included in the response when recommended is true for a payment method. It indicates the priority of recommendation for payment readiness of eligible payment methods with lowest number taking the highest precedence.

Copy

```
{
  "can_be_vaulted": "false",
  "country_code": "ST",
  "product_code": "CREDIT",
  "eligible_in_paypal_network": true,
  "recommended": "false",
```

```
"recommended_priority": 1  
}
```

## Seller Receivable Breakdown

The detailed breakdown of the capture activity. This is not available for transactions that are in pending state.

platform\_fees >

Array of objects [ 0 .. 1 ] items

An array of platform or partner fees, commissions, or brokerage fees that associated with the captured payment.

gross\_amount >

required

object

The amount for this captured payment in the currency of the transaction.

paypal\_fee >

object

The applicable fee for this captured payment in the currency of the transaction.

paypal\_fee\_in\_receivable\_currency >

object

The applicable fee for this captured payment in the receivable currency. Returned only in cases the fee is charged in the receivable currency. Example 'CNY'.

net\_amount >

object

The net amount that the payee receives for this captured payment in their PayPal account. The net amount is computed as

`gross_amount` minus the `paypal_fee` minus the `platform_fees`.

`receivable_amount >`

`object`

The net amount that is credited to the payee's PayPal account.

Returned only when the currency of the captured payment is different from the currency of the PayPal account where the payee wants to credit the funds. The amount is computed as `net_amount` times `exchange_rate`.

`exchange_rate >`

`object`

The exchange rate that determines the amount that is credited to the payee's PayPal account. Returned when the currency of the captured payment is different from the currency of the PayPal account where the payee wants to credit the funds.

Copy

Expand all

Collapse all

```
{  
  - "platform_fees": [  
    - {  
      - "amount": {  
          "currency_code": "str",  
          "value": "string"  
        },  
      - "payee": {  
          "email_address": "string",  
          "merchant_id": "string"  
        }  
    }  
  ],  
  - "gross_amount": {  
    "currency_code": "str",  
    "value": "string"  
  },  
}
```

```
- "paypal_fee": {  
    "currency_code": "str",  
    "value": "string"  
},  
- "paypal_fee_in_receivable_currency": {  
    "currency_code": "str",  
    "value": "string"  
},  
- "net_amount": {  
    "currency_code": "str",  
    "value": "string"  
},  
- "receivable_amount": {  
    "currency_code": "str",  
    "value": "string"  
},  
- "exchange_rate": {  
    "value": "string",  
    "source_currency": "str",  
    "target_currency": "str"  
}  
}
```

## **seller\_protection**

The level of protection offered as defined by [PayPal Seller Protection for Merchants](#).

status  
string

Indicates whether the transaction is eligible for seller protection.  
For information, see [PayPal Seller Protection for Merchants](#).

Enum Value	Description
ELIGIBLE	Your PayPal balance remains intact if the customer claims that they did not receive an item or the account holder claims that they did not authorize the payment.
PARTIALLY_ELIGIBLE	Your PayPal balance remains intact if the customer claims that they did not receive an item.
NOT_ELIGIBLE	This transaction is not eligible for seller protection.

dispute\_categories

Array of strings

An array of conditions that are covered for the transaction.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{
  "status": "ELIGIBLE",
  - "dispute_categories": [
    "string"
  ]
}
```

## shipping\_detail

## The shipping details.

**type**

string [ 1 .. 255 ] characters `^[0-9A-Z_]+$`

A classification for the method of purchase fulfillment (e.g shipping, in-store pickup, etc). Either `type` or `options` may be present, but not both.

Enum Value	Description
SHIPPING	The payer intends to receive the items at a specified address.
PICKUP_IN_PERSON	DEPRECATED. Please use "PICKUP_FROM_PERSON" instead.
PICKUP_IN_STORE	The payer intends to pick up the item(s) from the payee's physical store. Also termed as BOPIS, "Buy Online, Pick-up in Store". Seller protection is provided with this option.

**name** >

object

The name of the person to whom to ship the items. Supports only the `full_name` property.

**email\_address**

string [ 3 .. 254 ] characters `^(?:[A-Za-z0-9!#$%&'*+=?^_`{|}~-]+(?:\.\[A-Za...)` Show pattern

The email address of the recipient of the shipped items, which may belong to either the payer, or an alternate contact, for delivery.

**phone\_number** >

object

The phone number of the recipient of the shipped items, which may belong to either the payer, or an alternate contact, for delivery.  
[Format - canonical international [E.164 numbering plan](#)]

address >

object

The address of the person to whom to ship the items. Supports only the `address_line_1`, `address_line_2`, `admin_area_1`, `admin_area_2`, `postal_code`, and `country_code` properties.  
`admin_area_1` is required for addresses located in Argentina, Brazil, China, Canada, India, Indonesia, Japan, Mexico, Thailand, and the United States.

Copy

Expand all

Collapse all

```
{  
    "type": "SHIPPING",  
    - "name": {  
        "full_name": "string"  
    },  
    "email_address": "string",  
    - "phone_number": {  
        "country_code": "str",  
        "national_number": "string"  
    },  
    - "address": {  
        "address_line_1": "string",  
        "address_line_2": "string",  
        "admin_area_2": "string",  
        "admin_area_1": "string",  
        "postal_code": "string",  
        "country_code": "st"  
    }  
}
```

## shipping\_option

The options that the payee or merchant offers to the payer to ship or pick up their items.

`id`

`required`

`string` `<= 127 characters`

A unique ID that identifies a payer-selected shipping option.

`label`

`required`

`string` `<= 127 characters`

A description that the payer sees, which helps them choose an appropriate shipping option. For example, `Free Shipping`, `USPS Priority Shipping`, `Expédition prioritaire USPS`, or `USPS yóuxiān fā huò`. Localize this description to the payer's locale.

`selected`

`required`

`boolean`

If the API request sets `selected = true`, it represents the shipping option that the payee or merchant expects to be pre-selected for the payer when they first view the `shipping.options` in the PayPal Checkout experience. As part of the response if a `shipping.option` contains `selected=true`, it represents the shipping option that the payer selected during the course of checkout with PayPal. Only one `shipping.option` can be set to `selected=true`.

`type`

`string`

A classification for the method of purchase fulfillment.

Enum Value	Description
SHIPPING	The payer intends to receive the items at a specified address.
PICKUP	DEPRECATED. To ensure that seller protection is correctly assigned, please use 'PICKUP_IN_STORE' or 'PICKUP_FROM_PERSON' instead. Currently, this field indicates that the payer intends to pick up the items at a specified address (ie. a store address).
	The payer intends to pick up the item(s)

amount >

object

The shipping cost for the selected option.

Copy

Expand all

Collapse all

```
{
  "id": "string",
  "label": "string",
  "selected": true,
  "type": "SHIPPING",
  - "amount": {
    "currency_code": "str",
    "value": "string"
  }
}
```

## shipping\_type

A classification for the method of purchase fulfillment.

string

A classification for the method of purchase fulfillment.

Enum Value	Description
SHIPPING	The payer intends to receive the items at a specified address.
PICKUP	DEPRECATED. To ensure that seller protection is correctly assigned, please use 'PICKUP_IN_STORE' or 'PICKUP_FROM_PERSON' instead. Currently, this field indicates that the payer intends to pick up the items at a specified address (ie. a store address).

Copy

"SHIPPING"

## signature\_verification\_status

Transaction signature status identifier.

string [ 1 .. 50 ] characters ^[A-Z]+\$

Transaction signature status identifier.

Enum Value	Description
YES	Indicates that the signature of the PARes has been validated successfully and the message contents can be trusted.
NO	Indicates that the PARes could not be validated.

Copy

"YES"

## single\_use\_token

The PayPal-generated, short-lived, one-time-use token, used to communicate payment information to PayPal for transaction processing.

string [ 1 .. 255 ] characters ^[0-9a-zA-Z\_-]+\$

The PayPal-generated, short-lived, one-time-use token, used to communicate payment information to PayPal for transaction processing.

Copy

"string"

## store\_in\_vault\_instruction

Defines how and when the payment source gets vaulted.

string [ 1 .. 255 ] characters ^[0-9A-Z\_-]+\$

Defines how and when the payment source gets vaulted.

Value	Description
ON_SUCCESS	Defines that the payment_source will be vaulted only when at least one authorization or capture using that payment_source is successful.

[Copy](#)`"ON_SUCCESS"`

## stored\_payment\_source\_payment\_type

Indicates the type of the stored payment\_source payment.

string [ 1 .. 255 ] characters `^[0-9A-Z_]+$`

Indicates the type of the stored payment\_source payment.

Enum Value	Description
ONE_TIME	One Time payment such as online purchase or donation. (e.g. Checkout with one-click).
RECURRING	Payment which is part of a series of payments with fixed or variable amounts, following a fixed time interval. (e.g. Subscription payments).

Enum Value	Description
UNSCHEDULED	Payment which is part of a series of payments that occur on a non-fixed schedule and/or have variable amounts. (e.g. Account Topup payments).

[Copy](#)["ONE\\_TIME"](#)

## stored\_payment\_source\_usage\_type

Indicates if this is a `first` or `subsequent` payment using a stored payment source (also referred to as stored credential or card on file).

string [ 1 .. 255 ] characters `^[0-9A-Z_]+$`

Default: `"DERIVED"`

Indicates if this is a `first` or `subsequent` payment using a stored payment source (also referred to as stored credential or card on file).

Enum Value	Description
FIRST	Indicates the Initial/First payment with a <code>payment_source</code> that is intended to be stored upon successful processing of the payment.

Enum Value	Description
SUBSEQUENT	Indicates a payment using a stored payment_source which has been successfully used previously for a payment.
DERIVED	Indicates that PayPal will derive the value of FIRST or SUBSEQUENT based on data available to PayPal.

[Copy](#)["FIRST"](#)

## Subscription period

Describes a period in a subscription. A period is a chunk of time for which a set of subscription terms are applicable.

current\_period

boolean

Indicates if this period, with its subscription terms, is currently active.

billing\_interval\_unit

string [ 1 .. 24 ] characters

The billing interval unit for the subscription period.

Enum Value	Description
YEAR	The billing interval for the subscription period is a year.
MONTH	The billing interval for the subscription period is a month.
SEMIMONTH	The billing interval for the subscription period is half a month.
WEEK	The billing interval for the subscription period is a week.

`billing_frequency`

integer `[ 1 .. 365 ]`

Default: `1`

The frequency, i.e. the number of billing interval units, at which the subscriber is charged. E.g. - if the `billing_interval_unit` is `DAY`, with a `billing_frequency` of 2, the subscriber is billed once every two days.

`total_billing_cycles`

integer `[ 0 .. 999 ]`

Default: `1`

The number of billing cycles in the period. This is effectively the number of times the subscriber will be charged in the period.

`current_billing_cycle`

integer `[ 0 .. 999 ]`

Indicates the index of the current billing cycle for the period. E.g. - a value of 3 would mean that its the third billing cycle for the period.

`regular_period`

boolean

Indicates if the period is a regular period. A regular period would have standard subscription terms, as opposed to some special terms that might be applicable for a trial or promotional period.

`billing_amount` >

object

The amount that the subscriber will be charged in each billing cycle.

```
shipping_amount >  
object
```

The shipping charges applicable for each cycle.

```
tax_amount >  
object
```

The tax amount applicable for each cycle.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{  
    "current_period": true,  
    "billing_interval_unit": "YEAR",  
    "billing_frequency": 1,  
    "total_billing_cycles": 1,  
    "current_billing_cycle": 999,  
    "regular_period": true,  
    - "billing_amount": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "shipping_amount": {  
        "currency_code": "str",  
        "value": "string"  
    },  
    - "tax_amount": {  
        "currency_code": "str",  
        "value": "string"  
    }  
}
```

## tax\_info

The tax ID of the customer. The customer is also known as the payer. Both `tax_id` and `tax_id_type` are required.

`tax_id`

**required**

string `[ 1 .. 14 ] characters`

The customer's tax ID value.

`tax_id_type`

**required**

string `[ 1 .. 14 ] characters`

The customer's tax ID type.

Enum Value	Description
BR_CPF	The individual tax ID type, typically is 11 characters long.
BR_CNPJ	The business tax ID type, typically is 14 characters long.

Copy

```
{  
  "tax_id": "string",  
  "tax_id_type": "BR_CPF"  
}
```

## three\_d\_secure\_authentication\_response

Results of 3D Secure Authentication.

authentication\_status  
string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\$

The outcome of the issuer's authentication.

Enum Value	Description
Y	Successful authentication.
N	Failed authentication / account not verified / transaction denied.
U	Unable to complete authentication.
A	Successful attempts transaction.
C	Challenge required for authentication.

enrollment\_status  
string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\$

## Status of authentication eligibility.

Enum Value	Description
Y	Yes. The bank is participating in 3-D Secure protocol and will return the ACSUrl.
N	No. The bank is not participating in 3-D Secure protocol.
U	Unavailable. The DS or ACS is not available for authentication at the time of the request.
B	Bypass. The merchant authentication rule is triggered to bypass authentication.

Copy

```
{  
  "authentication_status": "Y",  
  "enrollment_status": "Y"  
}
```

## universal\_product\_code

The Universal Product Code of the item.

type

**required**

string [ 1 .. 5 ] characters ^[0-9A-Z\_-]+\$

The Universal Product Code type.

Enum Value	Description
UPC-A	N/A
UPC-B	N/A
UPC-C	N/A
UPC-D	N/A
UPC-E	N/A
UPC-2	N/A

code

**required**

string [ 6 .. 17 ] characters

The UPC product code of the item.

Copy

```
{  
  "type": "UPC-A",  
  "code": "string"  
}
```

## url

Describes the URL.

string (url)

Describes the URL.

Copy

"<http://example.com>"

## v3\_vault\_instruction\_base

Base vaulting specification. The object can be extended for specific use cases within each payment\_source that supports vaulting.

store\_in\_vault

required

string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\$

Defines how and when the payment source gets vaulted.

Value	Description
ON_SUCCESS	Defines that the payment_source will be vaulted only when at least one authorization or capture using that payment_source is successful.

[Copy](#)

```
{  
  "store_in_vault": "ON_SUCCESS"  
}
```

## vault\_id

The PayPal-generated ID for the vaulted payment source. This ID should be stored on the merchant's server so the saved payment source can be used for future transactions.

string [ 1 .. 255 ] characters ^[0-9a-zA-Z\_-]+\$

The PayPal-generated ID for the vaulted payment source. This ID should be stored on the merchant's server so the saved payment source can be used for future transactions.

[Copy](#)`"string"`

## vault\_instruction\_base

Basic vault instruction specification that can be extended by specific payment sources that supports vaulting.

store\_in\_vault  
string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\$

Defines how and when the payment source gets vaulted.

Value	Description
ON_SUCCESS	Defines that the payment_source will be vaulted only when at least one authorization or capture using that payment_source is successful.

[Copy](#)

```
{  
  "store_in_vault": "ON_SUCCESS"  
}
```

## vault\_paypal\_wallet\_base

Resource consolidating common request and response attributes for vaulting PayPal Wallet.

store\_in\_vault  
string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\$

Defines how and when the payment source gets vaulted.

Value	Description
ON_SUCCESS	Defines that the payment_source will be vaulted only when at least one authorization or capture using that payment_source is successful.

description  
string [ 1 .. 128 ] characters

The description displayed to PayPal consumer on the approval flow for PayPal, as well as on the PayPal payment token management experience on PayPal.com.

usage\_pattern  
string [ 1 .. 30 ] characters

Expected business/pricing model for the billing agreement.

Enum Value	Description
IMMEDIATE	On-demand instant payments – non-recurring, pre-paid, variable amount, variable frequency.
DEFERRED	Pay after use, non-recurring post-paid, variable amount, irregular frequency.
RECURRING_PREPAID	Pay upfront fixed or variable amount on a fixed date before the goods/service is delivered.

usage\_type  
**required**  
 string [ 1 .. 255 ] characters `^[0-9A-Z_]+$`

The usage type associated with the PayPal payment token.

Enum Value	Description
MERCHANT	The PayPal Payment Token will be used for future transaction directly with a merchant.
PLATFORM	The PayPal Payment Token will be used for future transaction on a platform. A platform is typically a marketplace or a channel that a payer can purchase goods and services from multiple merchants.

customer\_type  
 string [ 1 .. 255 ] characters `^[0-9A-Z_]+$`

Default: "CONSUMER"

The customer type associated with the PayPal payment token. This is to indicate whether the customer acting on the merchant / platform is either a business or a consumer.

Enum Value	Description
CONSUMER	The customer vaulting the PayPal payment token is a consumer on the merchant / platform.
BUSINESS	The customer vaulting the PayPal payment token is a business on merchant / platform.

permit\_multiple\_payment\_tokens

boolean

Default: `false`

Create multiple payment tokens for the same payer, merchant/platform combination. Use this when the customer has not logged in at merchant/platform. The payment token thus generated, can then also be used to create the customer account at merchant/platform. Use this also when multiple payment tokens are required for the same payer, different customer at merchant/platform. This helps to identify customers distinctly even though they may share the same PayPal account. This only applies to PayPal payment source.

Copy

```
{
  "store_in_vault": "ON_SUCCESS",
  "description": "string",
  "usage_pattern": "IMMEDIATE",
  "usage_type": "MERCHANT",
  "customer_type": "CONSUMER",
  "permit_multiple_payment_tokens": false
}
```

## vault\_response

The details about a saved payment source.

**id**

string [ 1 .. 255 ] characters

The PayPal-generated ID for the saved payment source.

**status**

string [ 1 .. 255 ] characters ^[0-9A-Z\_]+\$

The vault status.

Enum Value	Description
VAULTED	The payment source has been saved in your customer's vault. This vault status reflects /v3/vault status.
CREATED	DEPRECATED. The payment source has been saved in your customer's vault. This status applies to deprecated integration patterns and will not be returned for v3/vault integrations.
APPROVED	Customer has approved the action of saving the specified payment_source into their vault. Use v3/vault/payment-tokens with given setup_token to

[links >](#)

Array of objects [ 1 .. 10 ] items

An array of request-related HATEOAS links.

[Copy](#)[Expand all](#)[Collapse all](#)

```
{  
  "id": "string",  
  "status": "VAULTED",  
}
```

```

- "links": [
  - {
    "href": "string",
    "rel": "string",
    "method": "GET"
  }
]
}

```

## vault\_Venmo\_wallet\_base

Resource consolidating common request and response attributes for vaulting Venmo Wallet.

`store_in_vault`

`required`

`string [ 1 .. 255 ] characters ^[0-9A-Z_]+$`

Defines how and when the payment source gets vaulted.

Value	Description
<code>ON_SUCCESS</code>	Defines that the payment_source will be vaulted only when at least one authorization or capture using that payment_source is successful.

`description`

`string [ 1 .. 128 ] characters`

The description displayed to Venmo consumer on the approval flow for Venmo, as well as on the Venmo payment token management experience on Venmo.com.

`usage_pattern`

string [ 1 .. 30 ] characters `^[0-9A-Z_]+$`

Expected business/pricing model for the billing agreement.

Enum Value	Description
IMMEDIATE	On-demand instant payments – non-recurring, pre-paid, variable amount, variable frequency.
DEFERRED	Pay after use, non-recurring post-paid, variable amount, irregular frequency.
RECURRING_PREPAID	Pay upfront fixed or variable amount on a fixed date before the goods/service is delivered.

usage\_type  
Pay on a fixed date based on usage or

usage\_type

**required**

string [ 1 .. 255 ] characters `^[0-9A-Z_]+$`

The usage type associated with the Venmo payment token.

Enum Value	Description
MERCHANT	The Venmo Payment Token will be used for future transaction directly with a merchant.
PLATFORM	The Venmo Payment Token will be used for future transaction on a platform. A platform is typically a marketplace or a channel that a payer can purchase goods and services from multiple merchants.

customer\_type

string [ 1 .. 255 ] characters `^[0-9A-Z_]+$`

Default: "CONSUMER"

The customer type associated with the Venmo payment token. This is to indicate whether the customer acting on the merchant /

platform is either a business or a consumer.

Enum Value	Description
CONSUMER	The customer vaulting the Venmo payment token is a consumer on the merchant / platform.
BUSINESS	The customer vaulting the Venmo payment token is a business on merchant / platform.

permit\_multiple\_payment\_tokens

boolean

Default: `false`

Create multiple payment tokens for the same payer, merchant/platform combination. Use this when the customer has not logged in at merchant/platform. The payment token thus generated, can then also be used to create the customer account at merchant/platform. Use this also when multiple payment tokens are required for the same payer, different customer at merchant/platform. This helps to identify customers distinctly even though they may share the same Venmo account.

Copy

```
{
  "store_in_vault": "ON_SUCCESS",
  "description": "string",
  "usage_pattern": "IMMEDIATE",
  "usage_type": "MERCHANT",
  "customer_type": "CONSUMER",
  "permit_multiple_payment_tokens": false
}
```

## venmo\_payment\_token

Payment Token info for Venmo payment source.

user\_name

string [ 1 .. 50 ] characters

The Venmo username, as chosen by the user.

Copy

```
{  
  "user_name": "string"  
}
```

## venmo\_wallet\_attributes

Additional attributes associated with the use of this Venmo Wallet.

customer >

object

This object represents a merchant's customer, allowing them to store contact details, and track all payments associated with the same customer.

vault >

object

Attributes used to provide the instructions during vaulting of the Venmo Wallet.

Copy

Expand all

Collapse all

```
{  
  "customer": {  
    "id": "string",  
    "email_address": "string",  
    "phone": {  
      "phone_type": "FAX",  
      "phone_number": {  
        "national_number": "string"  
      }  
    },  
    "name": {  
      "given_name": "string",  
      "surname": "string"  
    }  
  },  
  "vault": {  
    "store_in_vault": "ON_SUCCESS",  
    "description": "string",  
    "usage_pattern": "IMMEDIATE",  
    "usage_type": "MERCHANT",  
    "customer_type": "CONSUMER",  
    "permit_multiple_payment_tokens": false  
  }  
}
```

## venmo\_wallet\_experience\_context

Customizes the buyer experience during the approval process for payment with Venmo.

**Note:** Partners and Marketplaces might configure `shipping_preference` during partner account setup, which overrides the request values.

`brand_name`

string `[ 1 .. 127 ] characters`

The business name of the merchant. The pattern is defined by an external party and supports Unicode.

`shipping_preference`

string `[ 1 .. 24 ] characters`

Default: `"GET_FROM_FILE"`

The location from which the shipping address is derived.

Enum Value	Description
<code>GET_FROM_FILE</code>	Get the customer-provided shipping address on the PayPal site.
<code>NO_SHIPPING</code>	Redacts the shipping address from the PayPal site. Recommended for digital goods.
<code>SET_PROVIDED_ADDRESS</code>	Get the merchant-provided address. The customer cannot change this address on the PayPal site. If merchant does not pass an address, customer can choose the address on PayPal

```
order_update_callback_config >
```

```
object
```

Merchant provided Order Update callback configuration for Venmo Wallet.Venmo will call back merchant when the specified event occurs.we recommend merchants to pass both the shipping\_options and shipping\_address callback events. Not supported when `shipping.type` is specified or when 'application\_context.shipping\_preference' is set as 'NO\_SHIPPING' or 'SET\_PROVIDED\_ADDRESS'.

Copy

Expand all

Collapse all

```
{
  "brand_name": "string",
  "shipping_preference": "GET_FROM_FILE",
  - "order_update_callback_config": {
    - "callback_events": [
      "string"
    ],
    "callback_url": "http://example.com"
  }
}
```