PayPal™

Name-Value Pair API Developer Guide

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Contents

What's New

What's New in Version 84.0

New Field in RefundTransaction Response

Field	Description
REFUNDINFO	Contains refund payment status information. This field is available since version 84.0.

New RefundInfoType in RefundTransaction Response

Field	Description
REFUNDSTATUS	Status of the refund. It is one of the following values: ● instant ● delayed This field is available since version 84.0.
PENDINGREASON	Reason that the payment is delayed. It is one of the following values: ● none – The refund is instant. ● echeck – The refund is delayed. This field is available since version 84.0.

New Field in DoReferenceTransactionResponseDetailsType

Field	Description
PAYMENTADVICECODE	`xs:string` Response code from the processor when a recurring transaction is declined. For details on the meanings of the codes, see https://merchant.paypal.com/us/cgi-bin/?&cmd=_render-content&content_ID=merchant/cc_compliance_error_codes This field is available since version 84.0.

New Field in DoDirectPaymentResponse

Field	Description
PAYMENTADVICECODE	`xs:string` Response code from the processor when a recurring transaction is declined. For details on the meanings of the codes, see https://merchant.paypal.com/us/cgi-bin/?&cmd=_render-content&content_ID=merchant/cc_compliance_error_codes This field is available since version 84.0.

Preface

About This Guide

The *Name-Value Pair API Developer Guide* describes the PayPal Name-Value Pair API.

Intended Audience

This guide is written for developers who are implementing solutions using the Name-Value Pair API.

Where to Go for More Information

- Express Checkout Integration Guide
- Express Checkout Advanced Features Guide
- Merchant Setup and Administration Guide

Documentation Feedback

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1 PayPal Name-Value Pair API Basics

The Name-Value Pair (NVP) API provides parameter-based association between request and response fields of a message and their values. The request message is sent from your website by the API, and a response message is returned by PayPal using a client-server model in which your site is a client of the PayPal server.

NOTE: The PayFlow API also uses name-value pairs to provide parameter-based association between request and response fields of a message and their values; however, the PayFlow API is not the same as the NVP API; for more information about the PayFlow API, see Website Payments Pro Payflow Edition Developer Guide.

PayPal API Client-Server Architecture

The PayPal API uses a client-server model in which your website is a client of the PayPal server.

A page on your website initiates an action on a PayPal API server by sending a request to the server. The PayPal server responds with a confirmation that the requested action was taken or indicates that an error occurred. The response might also contain additional information related to the request. The following diagram shows the basic request-response mechanism.

For example, you might want to obtain the buyer's shipping address from PayPal. You can initiate a request specifying an API operation to obtain buyer details. The response from the PayPal API server contains information about whether the request was successful. If the operation succeeds, the response contains the requested information. In this case, the response contains the buyer's shipping address. If the operation fails, the response contains one or more error messages.

Related information:

"Creating an NVP Request" on page 18

"Responding to an NVP Response" on page 22

PayPal Name-Value Pair API Requests and Responses

To perform a PayPal NVP API operation, you send an NVP-formatted request to a PayPal NVP server and interpret the response.

In the following diagram, your website generates a request. The request is executed on a PayPal server and the response is returned to your site.
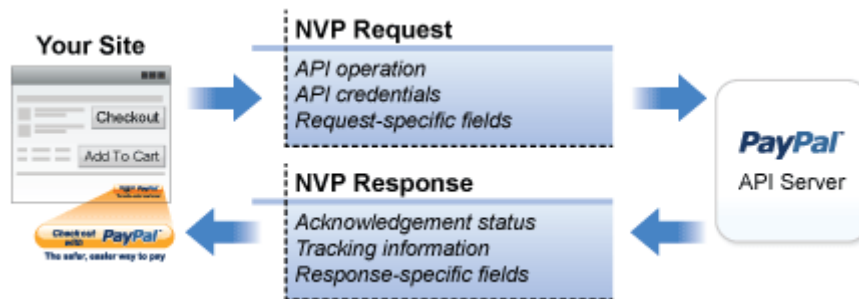
The request identifies:

- The name of the API operation, specified by METHOD=*name*, to be performed and its version

  NOTE: After the METHOD parameter, you can specify the parameters in any order.

- Credentials that identify the PayPal account making the request

- Request-specific information that controls the API operation to be performed

A PayPal API server performs the operation and returns a response. The response contains:

- An acknowledgement status that indicates whether the operation was a success or failure and whether any warning messages were returned

- Information that can be used by PayPal to track execution of the API operation

- Response-specific information required to fulfill the request

Multiple API Operations

Some of the features, such as Express Checkout, require you to call multiple API operations.

Typically, these features require you to:

1. Invoke an API operation, such as SetExpressCheckout, that sets up the return URL to which PayPal redirects your buyer's browser after the buyer finishes on PayPal. Other setup actions also can be performed by this API operation.

2. Invoke additional API operations after receiving the buyer's permission on PayPal, for example, GetExpressCheckoutDetails or DoExpressCheckoutPayment.

The following diagram shows the execution flow between your site and PayPal:
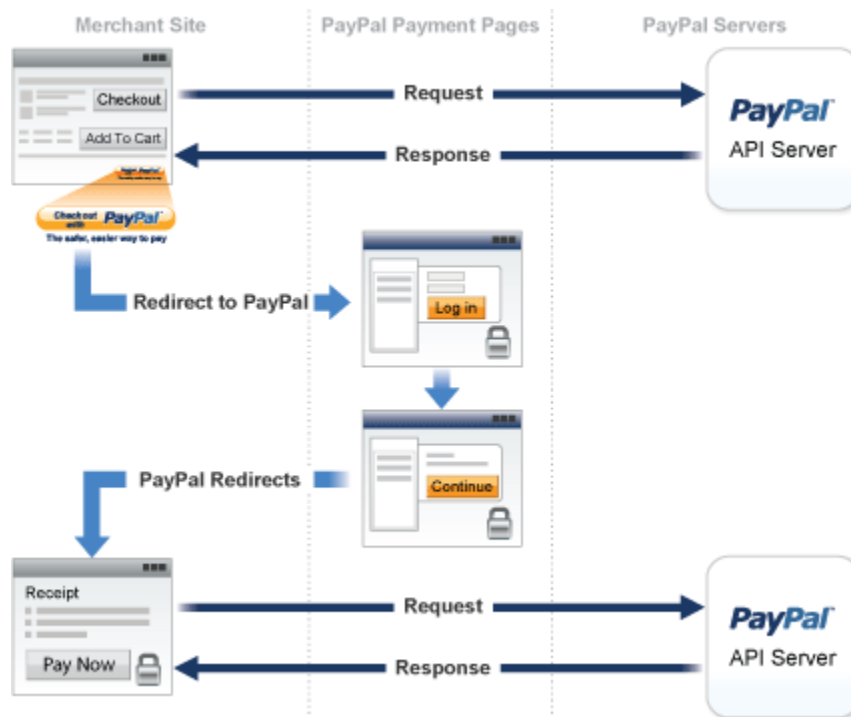
Token Usage

Typically, the API operation that sets up a redirection to PayPal returns a token. This token is passed as a parameter in the redirect to PayPal. The token also might be required in related API operations.

NVP Format

NVP is a way of specifying names and values in a string. NVP is the informal name for the query in the URI specification. The NVP string is appended to the URL.

An NVP string conforms to the following guidelines:

- The name is separated from the value by an equal sign (=). For example:

```
FIRSTNAME=Robert
```

- Name-value pairs are separated by an ampersand (&). For example:

```
FIRSTNAME=Robert&MIDDLENAME=Herbert&LASTNAME=Moore
```

- The values for each value in an NVP string are URL-encoded.

Creating an NVP Request

The Name-Value Pair request format specifies the API operation to perform, credentials that authorize PayPal to access your account, and fields containing additional information to be used in the request.

Related information:

"PayPal API Client-Server Architecture" on page 15

Specifying the PayPal API Operation

For the NVP version of the PayPal API, you must specify the name of the PayPal API operation to execute in each request along with the version of the API operation.

The following diagram shows the API operation part of an NVP request:
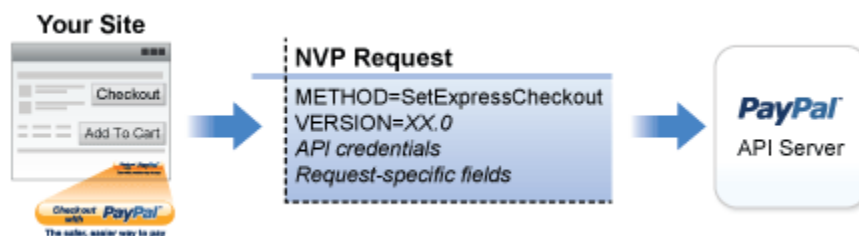
A *method* specifies the PayPal operation you want to execute, and each method is associated with a *version*. Together, the method and version define the exact behavior of the API operation. Typically, the behavior of an API operation does not change between versions; however, you should carefully retest your code whenever you change a version.

To specify a method and version number:

1. Choose the PayPal API operation you want to use.

`METHOD=`*`operation`*

2. Choose the appropriate version.

In most cases, you should use the latest version of the API operation.

`VERSION=`*`version_number`*

Specifying an API Credential

You must specify API credentials in each request to execute a PayPal API operation.

When you execute a PayPal API operation, you use credentials, such as a signature, to authenticate that you are requesting the API operation. The following diagram shows the API credentials part of an NVP request:
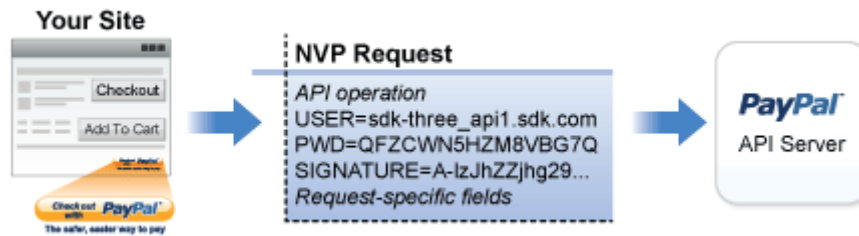
IMPORTANT: You must protect the values for USER, PWD, and SIGNATURE in your implementation. Consider storing these values in a secure location other than your web server document root and setting the file permissions so that only the system user that executes your ecommerce application can access it.

To enable PayPal to authenticate your request:

1. Specify the API username associated with your account.

USER=*API_username*

2. Specify the password associated with the API username.

PWD=*API_password*

3. If you are using an API signature and not an API certificate, specify the API signature associated with the API username.

SIGNATURE=*API_signature*

4. Optionally, you can specify the email address on file with PayPal of the third-party merchant on whose behalf you are calling the API operation.

SUBJECT=*merchantEmailAddress*

NOTE: Typically, a merchant grants third-party permissions to a shopping cart. The merchant previously must have given you permission to execute the API operation.

Specifying Credentials Using cURL

The following example shows one way to specify a signature using cURL:

```
curl --insecure https://api-3t.sandbox.paypal.com/nvp -d ^
"METHOD=name^
&VERSION=XX.0^
&USER=API_username^
&PWD=API_password^
&SIGNATURE=API_signature^
&..."
```

NOTE: This example does not establish a secure connection and should not be used live on paypal.com.

URL Encoding

All requests to execute PayPal API operations sent using HTTP must be URL-encoded. The encoding ensures that you can transmit special characters, characters that are not allowed in a URL, and characters that have special meaning in a URL, such as the equal sign and ampersand.

The PayPal NVP API uses the HTTP protocol to send requests and receive responses from a PayPal API server. You must encode all data sent using the HTTP protocol because data that is not encoded could be misinterpreted as part of the HTTP protocol instead of part of the request. Most programming languages provide a way to encode strings in this way. You should consistently URL-encode the complete API request; otherwise, you may find that unanticipated data causes an error.

NOTE: An HTTP form is automatically URL-encoded by most browsers.

For example, consider the following NVP string:

```
NAME=Robert Moore&COMPANY=R. H. Moore & Associates
```

It is encoded as follows:

```
NAME=Robert+Moore&COMPANY=R%2E+H%2E+Moore+%26+Associates
```

Use the following methods to URL-encode or URL-decode your NVP strings:

Encoding and decoding methods for URLs

Language		Method
ASP.NET	Encode	`System.Web.HttpUtility.UrlEncode(buffer, Encoding.Default)`
	Decode	`System.Web.HttpUtility.UrlDecode(buffer, Encoding.Default)`

Language		Method
Classic ASP	Encode	`Server.URLEncode`
	Decode	No built-in function. Several implementation examples are available on the Internet.
Java	Encode	`java.net.URLEncoder.encode`
	Decode	`java.net.URLDecoder.decode`
PHP	Encode	`urlencode()`
	Decode	`urldecode()`
ColdFusion	Encode	`URLEncodedFormatstring [, charset]`
	Decode	`URLDecodeurlEncodedString[, charset])`

Related information:

"URL Decoding" on page 24

List Syntax for Name-Value Pairs

The PayPal API uses a special syntax for NVP fields defined as lists.

The NVP interface to the PayPal API requires a unique name for each field. In the API, lists are prefixed by `L_`. To identify an element within the list, use the offset from the beginning of the list, starting with 0 as the first element. For example, `L_DESC0` is the first line of a description, `L_DESC1`, is the second line, and so on.

NOTE: Not all lists follow the `L_` prefix convention; however, all lists start with 0 as the first element.

Executing NVP API Operations

You execute a PayPal NVP API operation by submitting an HTTPS POST request to a PayPal API server, or by using cURL or another mechanism to provide secure access between the buyer's browser and the PayPal API server. For example, you might implement a system in which the buyer's browser remains a client of your server and your server becomes a client of the PayPal API server.

Specifying a PayPal Server

You execute a PayPal API operation by submitting the request to a PayPal API server.

To execute a PayPal NVP API operation, submit the request to one of the following end points:

Server end point	Description
`https://api-3t.sandbox.paypal.com/nvp`	Sandbox server for use with API signatures; use for testing your API
`https://api-3t.paypal.com/nvp`	PayPal "live" production server for use with API signatures
`https://api.sandbox.paypal.com/nvp`	Sandbox server for use with API certificates; use for testing your API
`https://api.paypal.com/nvp`	PayPal "live" production server for use with API certificates

NOTE: You must use different API credentials for each server end point. Typically, you obtain API credentials when you test in the Sandbox and then obtain another set of credentials for the production server. You must change each API request to use the new credentials when you go live.

Logging API Operations

You should log basic information from the request and response messages of each PayPal API operation you execute. You must log the Correlation ID from the response message, which identifies the API operation to PayPal and which must be provided to Merchant Technical Support if you need their assistance with a specific transaction.

All responses to PayPal API operations contain information that may be useful for debugging purposes. In addition to logging the Correlation ID from the response message, you can log other information, such as the transaction ID and timestamp, to enable you to review a transaction on the PayPal website or through the API. You could implement a scheme that logs the entire request and response in a "verbose" mode; however, you should never log the password from a request.

Responding to an NVP Response

The Name-Value Pair response consists of the answer to the request as well as common fields that identify the API operation and how it was executed.

The following diagram shows fields in the response to a PayPal NVP API operation:
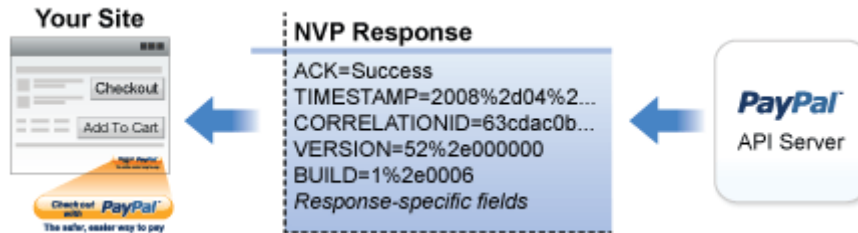
Related information:

"PayPal API Client-Server Architecture" on page 15

Common Response Fields

The PayPal API always returns common fields in addition to fields that are specific to the requested PayPal API operation.

A PayPal API response includes the following fields:

Field	Description
ACK	Acknowledgement status, which is one of the following values: • `Success` indicates a successful operation. • `SuccessWithWarning` indicates a successful operation; however, there are messages returned in the response that you should examine. • `Failure` indicates the operation failed; the response also contains one or more error messages explaining the failure. • `FailureWithWarning` indicates that the operation failed and that there are messages returned in the response that you should examine.
CORRELATIONID	Correlation ID, which uniquely identifies the transaction to PayPal.
TIMESTAMP	The date and time that the requested API operation was performed.
VERSION	The version of the API.
BUILD	The sub-version of the API.

Error Responses

If the `ACK` value is not `Success`, API response fields may not be returned. An error response has the following general format.

Format of an Error Response

Response Fields on Error	`ACK=`*notSuccess*`&TIMESTAMP=`*date/timeOfResponse*`&` `CORRELATIONID=`*debuggingToken*`&VERSION=`*VersionNo*`&` `BUILD=`*buildNumber*`&L_ERRORCODE0=`*errorCode*`&` `L_SHORTMESSAGE0=`*shortMessage*`&` `L_LONGMESSAGE0=`*longMessage*`&` `L_SEVERITYCODE0=`*severityCode*	Multiple errors can be returned. Each set of errors has a different numeric suffix, starting with 0 and incremented by one for each error.

URL Decoding

All responses to HTTP POST operations used by the PayPal NVP API must be decoded.

The PayPal NVP API uses the HTTP protocol to send requests and receive responses from a PayPal API server. You must decode all data returned using the HTTP protocol so that it can be displayed properly. Most programming languages provide a way to decode strings.

Related information:

"URL Encoding" on page 20

2　AddressVerify API Operation

The `AddressVerify` API operation confirms whether a postal address and postal code match those of the specified PayPal account holder.

AddressVerify Request Message

Address Verify Request Fields

Field	Description
METHOD	*(Required)* Must be `AddressVerify`.
EMAIL	*(Required)* Email address of a PayPal member to verify. Character length and limitations: 255 single-byte characters maximum with the input mask: `?@?.??`
STREET	*(Required)* First line of the billing or shipping postal address to verify. To pass verification, the value of `Street` must match the first 3 single-byte characters of a postal address on file for the PayPal member. Character length and limitations: 35 single-byte characters maximum, including alphanumeric plus - , . ' # \. Whitespace and case of input value are ignored.
ZIP	*(Required)* Postal code to verify. To pass verification, the value of `Zip` must match the first 5 single-byte characters of the postal code of the verified postal address for the verified PayPal member. Character length and limitations: 16 single-byte characters maximum. Whitespace and case of input value are ignored.

AddressVerify Response Message

Address Verify Response Fields

Field	Description
CONFIRMATIONCODE	Indicates whether the address is a confirmed address on file at PayPal. It is one of the following values: • None – The request value of the Email element does not match any email address on file at PayPal. • Confirmed – If the response value of the StreetMatch element is Matched, the entire postal address is confirmed. • Unconfirmed – PayPal responds that the postal address is unconfirmed. NOTE: The values Confirmed and Unconfirmed both indicate that the member email address passed verification.
STREETMATCH	Indicates whether the street address matches address information on file at PayPal. It is one of the following values: • None – The request value of the Email element does not match any email address on file at PayPal. No comparison of other request values was made. • Matched – The request value of the Street element matches the first 3 single-byte characters of a postal address on file for the PayPal member. • Unmatched – The request value of the Street element does not match any postal address on file for the PayPal member.
ZIPMATCH	Indicates whether the zip address matches address information on file at PayPal. It is one of the following values: • None – The request value of the Street element was unmatched. No comparison of the Zip element was made. • Matched – The request value of the Zip element matches the zip code of the postal address on file for the PayPal member. • Unmatched – The request value of the Zip element does not match the zip code of the postal address on file for the PayPal member.
COUNTRYCODE	Country code (ISO 3166) on file for the PayPal email address. Character length and limitations: 2 single-byte characters
TOKEN	The token contains encrypted information about the member's email address and postal address. If you pass the value of the token in the HTML variable address_api_token of Buy Now buttons, PayPal prevents the buyer from using an email address or postal address other than those that PayPal verified with this API call. The token is valid for 24 hours. Character length and limitations: 94 single-byte characters

3 Authorization and Capture API Operation Reference

The Authorization and Capture API operations describe the PayPal API operations related to delayed payment settlement:

DoCapture API Operation

Captures an authorized payment.

DoCapture Request Message

DoCapture Request Fields

Field	Description
METHOD	*(Required)* Must be `DoCapture`.
AUTHORIZATIONID	*(Required)* Authorization identification number of the payment you want to capture. This is the transaction ID returned from `DoExpressCheckoutPayment`, `DoDirectPayment`, or `Checkout`. Character length and limitations: 19 single-byte characters maximum
AMT	*(Required)* Amount to capture. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
CURRENCYCODE	*(Optional)* A 3-character currency code (default is USD).
COMPLETETYPE	*(Required)* Indicates whether or not this is your last capture. It is one of the following values: ● `Complete` – This is the last capture you intend to make. ● `NotComplete` – You intend to make additional captures. **NOTE:** If `Complete`, any remaining amount of the original authorized transaction is automatically voided and all remaining open authorizations are voided. Character length and limitations: 12 single-byte alphanumeric characters

Field	Description
INVNUM	*(Optional)* Your invoice number or other identification number that is displayed to you and to the buyer in their transaction history. The value is recorded only if the authorization you are capturing is an Express Checkout order authorization.
	NOTE: This value on `DoCapture` overwrites a value previously set on `DoAuthorization`.
	Character length and limitations: 127 single-byte alphanumeric characters
NOTE	*(Optional)* An informational note about this settlement that is displayed to the buyer in email and in their transaction history.
	Character length and limitations: 255 single-byte characters
SOFTDESCRIPTOR	*(Optional)* Per transaction description of the payment that is passed to the buyer's credit card statement.
	If you provide a value in this field, the full descriptor displayed on the buyer's statement has the following format:
	`<PP *	PAYPAL *><Merchant descriptor as set in the Payment Receiving Preferences><1 space><soft descriptor>`
	Character length and limitations: The soft descriptor can contain only the following characters:
	• Alphanumeric characters
	• - (dash)
	• * (asterisk)
	• . (period)
	• {space}
	If you pass any other characters (such as ","), PayPal returns an error code.
	The soft descriptor does not include the phone number, which can be toggled between your customer service number and PayPal's Customer Service number.
	The maximum length of the soft descriptor is 22 characters. Of this, the PayPal prefix uses either 4 or 8 characters of the data format. Thus, the maximum length of the soft descriptor information that you can pass in this field is:
	`22 – len(<PP * | PAYPAL *>) – len(<Descriptor set in Payment Receiving Preferences> + 1)`
	For example, assume the following conditions:
	• The PayPal prefix toggle is set to PAYPAL * in PayPal's administration tools.
	• The merchant descriptor set in the Payment Receiving Preferences is set to EBAY.
	• The soft descriptor is passed in as JanesFlowerGifts LLC.
	The resulting descriptor string on the credit card is:
	`PAYPAL *EBAY JanesFlow`

Merchant Store Details Fields

Field	Description
STOREID	ID of the merchant store. This field is required for point-of-sale transactions. Character length and limitations: 50 single-byte characters This field is available since version 82.0.
TERMINALID	*(Optional)* ID of the terminal. Character length and limitations: 50 single-byte characters This field is available since version 82.0.

DoCapture Response Message

NOTE: If you use version 56.0 or later of the `DoCaptue` API, only the authorization ID, transaction ID, transaction type, payment date, gross amount, and payment status are guaranteed to be returned. If you need the values of other fields and they are not returned, you can obtain their values later by calling `GetTransactionDetails` or by using the reporting mechanism.

DoCapture Response Fields

Field	Description
AUTHORIZATIONID	Authorization identification number you specified in the request. Character length and limits: 19 single-byte characters maximum

Payment Information Fields

Field	Description
TRANSACTIONID	Unique transaction ID of the payment. Character length and limitations: 17 single-byte characters
PARENTTRANSACTIONID	Parent or related transaction identification number. This field is populated for the following transaction types: • Reversal. Capture of an authorized transaction. • Reversal. Reauthorization of a transaction. • Capture of an order. The value of `ParentTransactionID` is the original `OrderID`. • Authorization of an order. The value of `ParentTransactionID` is the original `OrderID`. • Capture of an order authorization. • Void of an order. The value of `ParentTransactionID` is the original `OrderID`. Character length and limits: 16 digits in xxxx-xxxx-xxxx-xxxx format
RECEIPTID	Receipt identification number. Character length and limits: 16 digits in xxxx-xxxx-xxxx-xxxx format

Field	Description
TRANSACTIONTYPE	The type of transaction. It is one of the following values: • `cart` • `express-checkout` Character length and limitations:15 single-byte characters
PAYMENTTYPE	Indicates whether the payment is instant or delayed. It is one of the following values: • `none` • `echeck` • `instant` Character length and limitations: 7 single-byte characters
ORDERTIME	Time/date stamp of payment. For example: 2006-08-15T17:23:15Z.
AMT	The final amount charged, including any shipping and taxes from your Merchant Profile. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). Equivalent to 9 characters maximum for USD.
FEEAMT	PayPal fee amount charged for the transaction. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). Equivalent to 9 characters maximum for USD.
SETTLEAMT	Amount deposited in your PayPal account after a currency conversion. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). Equivalent to 9 characters maximum for USD.
TAXAMT	Tax charged on the transaction. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). Equivalent to 9 characters maximum for USD.
EXCHANGERATE	Exchange rate if a currency conversion occurred. Relevant only if your are billing in their non-primary currency. If the customer chooses to pay with a currency other than the non-primary currency, the conversion occurs in the customer's account. Character length and limitations: A decimal that does not exceed 17 characters, including decimal point

Field	Description
PAYMENTSTATUS	Status of the payment. It is one of the following values: • `None` – No status • `Canceled-Reversal` – This means a reversal has been canceled. For example, you won a dispute with the customer, and the funds for the transaction that was reversed have been returned to you. • `Completed` – The payment has been completed, and the funds have been added successfully to your account balance. • `Denied` – You denied the payment. This happens only if the payment was previously pending because of possible reasons described for the PendingReason element. • `Expired` – The authorization period for this payment has been reached. • `Failed` – The payment has failed. This happens only if the payment was made from your customer's bank account. • `Pending` – The payment is pending. See the PendingReason field for more information. • `Refunded` – You refunded the payment. • `Reversed` – A payment was reversed due to a chargeback or other type of reversal. The funds have been removed from your account balance and returned to the buyer. The reason for the reversal is specified in the ReasonCode element. • `Processed` – A payment has been accepted. • `Voided` – An authorization for this transaction has been voided.

DoAuthorization API Operation

Authorize a payment.

DoAuthorization Request Message

DoAuthorization Request Fields

Field	Description
METHOD	*(Required)* Must be `DoAuthorization`.
TRANSACTIONID	*(Required)* Value of the order's transaction identification number returned by PayPal. Character length and limitations: 19 single-byte characters

Field	Description
AMT	*(Required)* Amount to authorize.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
TRANSACTIONENTITY	*(Optional)* Type of transaction to authorize. The only allowable value is `Order`, which means that the transaction represents a buyer order that can be fulfilled over 29 days.
CURRENCYCODE	*(Optional)* A 3-character currency code.

DoAuthorization Response Message

DoAuthorization Response Fields

Field	Description
TRANSACTIONID	Authorization identification number.
AMT	Amount you specified in the request.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).

AuthorizationInfo Fields

Field	Description
PAYMENTSTATUS	Status of the payment. It is one of the following values: • None – No status. • Canceled-Reversal – A reversal has been canceled. For example, when you win a dispute, PayPal returns the funds for the reversal to you. • Completed – The payment has been completed, and the funds have been added successfully to your account balance. • Denied – You denied the payment. This happens only if the payment was previously pending because of possible reasons described for the PendingReason element. • Expired – The authorization period for this payment has been reached. • Failed – The payment has failed. This happens only if the payment was made from the buyer's bank account. • In-Progress – The transaction has not terminated. For example, an authorization may be awaiting completion. • Partially-Refunded – The payment has been partially refunded. • Pending – The payment is pending. See the PendingReason field for more information. • Refunded – You refunded the payment. • Reversed– A payment was reversed due to a chargeback or other type of reversal. PayPal removes the funds from your account balance and returns them to the buyer. The ReasonCode element specifies the reason for the reversal. • Processed – A payment has been accepted. • Voided – An authorization for this transaction has been voided.

Field	Description
PENDINGREASON	Reason the payment is pending. It is one of the following values: • none – No pending reason. • address – The payment is pending because your customer did not include a confirmed shipping address and your Payment Receiving Preferences is set such that you want to manually accept or deny each of these payments. To change your preference, go to the Preferences section of your Profile. • authorization – The payment is pending because it has been authorized but not settled. You must capture the funds first. • echeck – The payment is pending because it was made by an eCheck that has not yet cleared. • intl – The payment is pending because you hold a non-U.S. account and do not have a withdrawal mechanism. You must manually accept or deny this payment from your Account Overview. • multi-currency – You do not have a balance in the currency sent, and you do not have your Payment Receiving Preferences set to automatically convert and accept this payment. You must manually accept or deny this payment. • order – The payment is pending because it is part of an order that has been authorized but not settled. • paymentreview – The payment is pending while it is being reviewed by PayPal for risk. • unilateral – The payment is pending because it was made to an email address that is not yet registered or confirmed. • verify – The payment is pending because you are not yet verified. You must verify your account before you can accept this payment. • other – The payment is pending for a reason other than those listed above. For more information, contact PayPal Customer Service. **NOTE:** PendingReason is returned in the response only if PaymentStatus is Pending.
PROTECTIONELIGIBILITY	Prior to version 64.4, the kind of seller protection in force for the transaction. It is one of the following values: • Eligible – Merchant is protected by PayPal's Seller Protection Policy for Unauthorized Payment and Item Not Received. • PartiallyEligible – Merchant is protected by PayPal's Seller Protection Policy for Item Not Received. • Ineligible – Merchant is not protected under the Seller Protection Policy.

Field	Description
PROTECTIONELIGIBILITY TYPE	Since version 64.4, the kind of seller protection in force for the transaction. It is one of the following values: • `Eligible` – Merchant is protected by PayPal's Seller Protection Policy for both Unauthorized Payment and Item Not Received. • `ItemNotReceivedEligible` – Merchant is protected by PayPal's Seller Protection Policy for Item Not Received. • `UnauthorizedPaymentEligible` – Merchant is protected by PayPal's Seller Protection Policy for Unauthorized Payment. • `Ineligible` – Merchant is not protected under the Seller Protection Policy. This field is available since version 64.4.

DoReauthorization API Operation

DoReauthorization Request Message

DoReauthorization Request Fields

Field	Description
METHOD	*(Required)* Must be `DoReauthorization`.
AUTHORIZATIONID	*(Required)* Value of a previously authorized transaction identification number returned by PayPal. Character length and limitations: 19 single-byte characters
AMT	*(Required)* Amount to reauthorize. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
CURRENCYCODE	Currency code. Character length and limitations: 3 single-byte characters

DoReauthorization Response Message

DoReauthorization Response Fields

Field	Description
AUTHORIZATIONID	New authorization identification number. Character length and limits:19 single-byte characters

Authorization Information Fields

Field	Description
PAYMENTSTATUS	Status of the payment. It is one of the following values: • None – No status. • Canceled-Reversal – A reversal has been canceled. For example, when you win a dispute, PayPal returns the funds for the reversal to you. • Completed – The payment has been completed, and the funds have been added successfully to your account balance. • Denied – You denied the payment. This happens only if the payment was previously pending because of possible reasons described for the PendingReason element. • Expired – The authorization period for this payment has been reached. • Failed – The payment has failed. This happens only if the payment was made from the buyer's bank account. • In-Progress – The transaction has not terminated. For example, an authorization may be awaiting completion. • Partially-Refunded – The payment has been partially refunded. • Pending – The payment is pending. See the PendingReason field for more information. • Refunded – You refunded the payment. • Reversed– A payment was reversed due to a chargeback or other type of reversal. PayPal removes the funds from your account balance and returns them to the buyer. The ReasonCode element specifies the reason for the reversal. • Processed – A payment has been accepted. • Voided – An authorization for this transaction has been voided.

Field	Description
PENDINGREASON	Reason the payment is pending. It is one of the following values: • `none` – No pending reason. • `address` – The payment is pending because your customer did not include a confirmed shipping address and your Payment Receiving Preferences is set such that you want to manually accept or deny each of these payments. To change your preference, go to the `Preferences` section of your `Profile`. • `authorization` – The payment is pending because it has been authorized but not settled. You must capture the funds first. • `echeck` – The payment is pending because it was made by an eCheck that has not yet cleared. • `intl` – The payment is pending because you hold a non-U.S. account and do not have a withdrawal mechanism. You must manually accept or deny this payment from your `Account Overview`. • `multi-currency` – You do not have a balance in the currency sent, and you do not have your `Payment Receiving Preferences` set to automatically convert and accept this payment. You must manually accept or deny this payment. • `order` – The payment is pending because it is part of an order that has been authorized but not settled. • `paymentreview` – The payment is pending while it is being reviewed by PayPal for risk. • `unilateral` – The payment is pending because it was made to an email address that is not yet registered or confirmed. • `verify` – The payment is pending because you are not yet verified. You must verify your account before you can accept this payment. • `other` – The payment is pending for a reason other than those listed above. For more information, contact PayPal Customer Service. **NOTE:** PendingReason is returned in the response only if `PaymentStatus` is `Pending`.
PROTECTIONELIGIBILITY	Prior to version 64.4, the kind of seller protection in force for the transaction. It is one of the following values: • `Eligible` – Merchant is protected by PayPal's Seller Protection Policy for Unauthorized Payment and Item Not Received. • `PartiallyEligible` – Merchant is protected by PayPal's Seller Protection Policy for Item Not Received. • `Ineligible` – Merchant is not protected under the Seller Protection Policy.

Field	Description
PROTECTIONELIGIBILITY TYPE	Since version 64.4, the kind of seller protection in force for the transaction. It is one of the following values: ● `Eligible` – Merchant is protected by PayPal's Seller Protection Policy for both Unauthorized Payment and Item Not Received. ● `ItemNotReceivedEligible` – Merchant is protected by PayPal's Seller Protection Policy for Item Not Received. ● `UnauthorizedPaymentEligible` – Merchant is protected by PayPal's Seller Protection Policy for Unauthorized Payment. ● `Ineligible` – Merchant is not protected under the Seller Protection Policy. This field is available since version 64.4.

DoVoid API Operation

Void an order or an authorization.

DoVoid Request Message

DoVoid Request Fields

Field	Description
METHOD	*(Required)* Must be `DoVoid`.
AUTHORIZATIONID	*(Required)* Original authorization ID specifying the authorization to void or, to void an order, the order ID. **IMPORTANT:** If you are voiding a transaction that has been reauthorized, use the ID from the original authorization, and not the reauthorization. Character length and limitations: 19 single-byte characters
NOTE	*(Optional)* Informational note about this void that is displayed to the buyer in email and in their transaction history. Character length and limitations: 255 single-byte characters

DoVoid Response Message

DoVoid Response Fields

Field	Description
AUTHORIZATIONID	Authorization identification number you specified in the request. Character length and limitations: 19 single-byte characters

4 DoDirectPayment API Operation

The `DoDirectPayment` API Operation enables you to process a credit card payment.

DoDirectPayment Request Message

DoDirectPayment Request Fields

Field	Description
METHOD	*(Required)* Must be `DoDirectPayment`.
PAYMENTACTION	*(Optional)* How you want to obtain payment. It is one of the following values: • `Authorization` – This payment is a basic authorization subject to settlement with PayPal Authorization and Capture. • `Sale` – This is a final sale for which you are requesting payment (default). **NOTE:** `Order` is not allowed for Direct Payment. Character length and limit: Up to 13 single-byte alphabetic characters
IPADDRESS	*(Required)* IP address of the buyer's browser. **NOTE:** PayPal records this IP addresses as a means to detect possible fraud. Character length and limitations: 15 single-byte characters, including periods, for example, 255.255.255.255
RETURNFMFDETAILS	*(Optional)* Flag to indicate whether you want the results returned by Fraud Management Filters. By default, you do not receive this information. It is one of the following values: • `0` – Do not receive FMF details (default). • `1` – Receive FMF details.

Credit Card Details Fields

Field	Description
CREDITCARDTYPE	*(Optional)* Type of credit card. For UK, only `Maestro`, `MasterCard`, `Discover`, and `Visa` are allowable. For Canada, only `MasterCard` and `Visa` are allowable and Interac debit cards are not supported. It is one of the following values: • `Visa` • `MasterCard` • `Discover` • `Amex` • `Maestro`: See note. **NOTE:** If the credit card type is `Maestro`, you must set `CURRENCYCODE` to `GBP`. In addition, you must specify either `STARTDATE` or `ISSUENUMBER`. Character length and limitations: Up to 10 single-byte alphabetic characters
ACCT	*(Required)* Credit card number. Character length and limitations: Numeric characters only with no spaces or punctutation. The string must conform with modulo and length required by each credit card type.
EXPDATE	Credit card expiration date. This field is required if you are using recurring payments with direct payments. Character length and limitations: 6 single-byte alphanumeric characters, including leading zero, in the format MMYYYY
CVV2	Card Verification Value, version 2. Your Merchant Account settings determine whether this field is required. To comply with credit card processing regulations, you must not store this value after a transaction has been completed. Character length and limitations: For Visa, MasterCard, and Discover, the value is exactly 3 digits. For American Express, the value is exactly 4 digits.
STARTDATE	*(Optional)* Month and year that Maestro card was issued. Character length and limitations: Must be 6 digits, including leading zero, in the format MMYYYY
ISSUENUMBER	*(Optional)* Issue number of Maestro card. Character length and limitations: 2 numeric digits maximum

Payer Information Fields

Field	Description
EMAIL	*(Optional)* Email address of buyer. Character length and limitations: 127 single-byte characters
FIRSTNAME	*(Required)* Buyer's first name. Character length and limitations: 25 single-byte characters

Field	Description
LASTNAME	*(Required)* Buyer's last name. Character length and limitations: 25 single-byte characters

Address Fields

Field	Description
STREET	*(Required)* First street address. Character length and limitations: 100 single-byte characters
STREET2	*(Optional)* Second street address. Character length and limitations: 100 single-byte characters
CITY	*(Required)* Name of city. Character length and limitations: 40 single-byte characters
STATE	*(Required)* State or province. Character length and limitations: 40 single-byte characters
COUNTRYCODE	*(Required)* Country code. Character length and limitationst: 2 single-byte characters
ZIP	*(Required)* U.S. ZIP code or other country-specific postal code. Character length and limitations: 20 single-byte characters
SHIPTOPHONENUM	*(Optional)* Phone number. Character length and limitations: 20 single-byte characters

Payment Details Fields

Field	Description
AMT	*(Required)* The total cost of the transaction to the buyer. If shipping cost and tax charges are known, include them in this value. If not, this value should be the current subtotal of the order. If the transaction includes one or more one-time purchases, this field must be equal to the sum of the purchases. Set this field to 0 if the transaction does not include a one-time purchase such as when you set up a billing agreement for a recurring payment that is not immediately charged. When the field is set to 0, purchase-specific fields are ignored. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
CURRENCYCODE	*(Optional)* A 3-character currency code (default is USD).

Field	Description
ITEMAMT	*(Optional)* Sum of cost of all items in this order. **NOTE:** ITEMAMT is required if you specify L_AMT*n*. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
SHIPPINGAMT	*(Optional)* Total shipping costs for this order. **NOTE:** If you specify a value for SHIPPINGAMT, you must also specify a value for ITEMAMT. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
INSURANCEAMT	*(Optional)* Total shipping insurance costs for this order. The value must be a non-negative currency amount or null if you offer insurance options. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
SHIPDISCAMT	*(Optional)* Shipping discount for this order, specified as a negative number. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
HANDLINGAMT	*(Optional)* Total handling costs for this order. **NOTE:** If you specify a value for HANDLINGAMT, you must also specify a value for ITEMAMT. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
TAXAMT	*(Optional)* Sum of tax for all items in this order. **NOTE:** TAXAMT is required if you specify L_TAXAMT*n* Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).

Field	Description
DESC	*(Optional)* Description of items the buyer is purchasing.
	NOTE: The value you specify is available only if the transaction includes a purchase. This field is ignored if you set up a billing agreement for a recurring payment that is not immediately charged.
	Character length and limitations: 127 single-byte alphanumeric characters
CUSTOM	*(Optional)* A free-form field for your own use.
	NOTE: The value you specify is available only if the transaction includes a purchase. This field is ignored if you set up a billing agreement for a recurring payment that is not immediately charged.
	Character length and limitations: 256 single-byte alphanumeric characters
INVNUM	*(Optional)* Your own invoice or tracking number.
	NOTE: The value you specify is available only if the transaction includes a purchase. This field is ignored if you set up a billing agreement for a recurring payment that is not immediately charged.
	Character length and limitations: 127 single-byte alphanumeric characters
BUTTONSOURCE	*(Optional)* An identification code for use by third-party applications to identify transactions.
	Character length and limitations: 32 single-byte alphanumeric characters
NOTIFYURL	*(Optional)* Your URL for receiving Instant Payment Notification (IPN) about this transaction. If you do not specify this value in the request, the notification URL from your Merchant Profile is used, if one exists.
	IMPORTANT: The notify URL applies only to `DoExpressCheckoutPayment`. This value is ignored when set in `SetExpressCheckout` or `GetExpressCheckoutDetails`.
	Character length and limitations: 2,048 single-byte alphanumeric characters
RECURRING	`ns:RecurringFlagType`
	(Optional) Flag to indicate a recurring transaction. It is one of the following values:
	• Any value other than `Y` – This is not a recurring transaction (default).
	• `Y` – This is a recurring transaction.
	NOTE: To pass `Y` in this field, you must have established a billing agreement with the buyer specifying the amount, frequency, and duration of the recurring payment.

Payment Details Item Fields

Field	Description
L_NAME*n*	*(Optional)* Item name. These parameters must be ordered sequentially beginning with 0 (for example L_NAME0, L_NAME1). Character length and limitations: 127 single-byte characters
L_DESC*n*	*(Optional)* Item description. Character length and limitations: 127 single-byte characters
L_AMT*n*	*(Optional)* Cost of item. These parameters must be ordered sequentially beginning with 0 (for example L_AMT0, L_AMT1). **NOTE:** If you specify a value for L_AMT*n*, you must specify a value for ITEMAMT. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
L_NUMBER*n*	*(Optional)* Item number. These parameters must be ordered sequentially beginning with 0 (for example L_NUMBER0, L_NUMBER1). Character length and limitations: 127 single-byte characters
L_QTY*n*	*(Optional)* Item quantity. These parameters must be ordered sequentially beginning with 0 (for example L_QTY0, L_QTY1). Character length and limitations: Any positive integer
L_TAXAMT*n*	*(Optional)* Item sales tax. These parameters must be ordered sequentially beginning with 0 (for example L_TAXAMT0, L_TAXAMT1). Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).

Ebay Item Payment Details Item Fields

Field	Description
L_EBAYITEMNUMBER*n*	*(Optional)* Auction item number. These parameters must be ordered sequentially beginning with 0 (for example L_EBAYITEMNUMBER0, L_EBAYITEMNUMBER1). Character length: 765 single-byte characters
L_EBAYITEMAUCTIONTXNID*n*	*(Optional)* Auction transaction identification number. These parameters must be ordered sequentially beginning with 0 (for example L_EBAYITEMAUCTIONTXNID0, L_EBAYITEMAUCTIONTXNID1). Character length: 255 single-byte characters

Field	Description
L_EBAYITEMORDERID*n*	*(Optional)* Auction order identification number. These parameters must be ordered sequentially beginning with 0 (for example L_EBAYITEMORDERID0, L_EBAYITEMORDERID1). Character length: 64 single-byte characters

Ship To Address Fields

Field	Description
SHIPTONAME	Person's name associated with this shipping address. It is required if using a shipping address. Character length and limitations: 32 single-byte characters
SHIPTOSTREET	First street address. It is required if using a shipping address. Character length and limitations: 100 single-byte characters
SHIPTOSTREET2	*(Optional)* Second street address. Character length and limitations: 100 single-byte characters
SHIPTOCITY	Name of city. It is required if using a shipping address. Character length and limitations: 40 single-byte characters
SHIPTOSTATE	State or province. It is required if using a shipping address. Character length and limitations: 40 single-byte characters
SHIPTOZIP	U.S. ZIP code or other country-specific postal code. It is required if using a U.S. shipping address; may be required for other countries. Character length and limitations: 20 single-byte characters
SHIPTOCOUNTRY	Country code. It is required if using a shipping address. Character length and limitations: 2 single-byte characters
SHIPTOPHONENUM	*(Optional)* Phone number. Character length and limitations: 20 single-byte characters

3D Secure Request Fields (U.K. Merchants Only)

Field	Description
AUTHSTATUS3DS	*(Optional)* A value returned by the Cardinal Centinel. If the cmpi_lookup request returns Y for Enrolled, set this field to the PAResStatus value returned by cmpi_authenticate. Otherwise, set this field to blank.
MPIVENDOR3DS	*(Optional)* A value returned by the Cardinal Centinel. Set this field to the Enrolled value returned by cmpi_lookup.

Field	Description
CAVV	*(Optional)* A value returned by the Cardinal Centinel. If the `cmpi_lookup` request returns `Y` for `Enrolled`, set this field to the `Cavv` value returned by `cmpi_authenticate`. Otherwise, set this field to blank.
ECI3DS	*(Optional)* A value returned by the Cardinal Centinel. If the `cmpi_lookup` request returns `Y` for `Enrolled`, set this field to the `EciFlag` value returned by `cmpi_authenticate`. Otherwise, set this field to the `EciFlag` value returned by `cmpi_lookup`.
XID	*(Optional)* A value returned by the Cardinal Centinel. If the `cmpi_lookup` request returns `Y` for `Enrolled`, set this field to the `Xid` value returned by `cmpi_authenticate`. Otherwise, set this field to blank.

DoDirectPayment Response Message

DoDirectPayment Response Fields

Field	Description
TRANSACTIONID	Unique transaction ID of the payment. **NOTE:** If the `PaymentAction` of the request was `Authorization`, the value of TransactionID is your AuthorizationID for use with the Authorization and Capture APIs. Character length and limitations: 19 single-byte characters
AMT	This value is the amount of the payment as specified by you on `DoDirectPaymentRequest` for reference transactions with direct payments.
AVSCODE	Address Verification System response code. Character length and limitations: 1 single-byte alphanumeric character
CVV2MATCH	Result of the CVV2 check by PayPal.

Field	Description
L_FMF*filterID*n	Filter ID, including the *filter* type (PENDING, REPORT, or DENY), the filter *ID*, and the entry number, *n*, starting from 0. Filter *ID* is one of the following values: • 1 – AVS No Match • 2 – AVS Partial Match • 3 – AVS Unavailable/Unsupported • 4 – Card Security Code (CSC) Mismatch • 5 – Maximum Transaction Amount • 6 – Unconfirmed Address • 7 – Country Monitor • 8 – Large Order Number • 9 – Billing/Shipping Address Mismatch • 10 – Risky ZIP Code • 11 – Suspected Freight Forwarder Check • 12 – Total Purchase Price Minimum • 13 – IP Address Velocity • 14 – Risky Email Address Domain Check • 15 – Risky Bank Identification Number (BIN) Check • 16 – Risky IP Address Range • 17 – PayPal Fraud Model
L_FMF*filter*NAME*n*	Filter name, including the *filter* type, (PENDING, REPORT, or DENY), the filter *NAME*, and the entry number, *n*, starting from 0.
PAYMENTADVICECODE	Response code from the processor when a recurrng transaction is declined. For details on the codes, see https://merchant.paypal.com/us/cgi-bin/?&cmd=_render-content&content_ID=merchant/cc_compliance_error_codes

Related information:

"AVS Response Codes" on page 269

"AVS Response Codes for Visa, MasterCard, Discover, and American Express" on page 269

"AVS Response Codes for Maestro" on page 270

ThreeDSecure Response Fields

Field	Description
VPAS	Visa Payer Authentication Service status. The value indicates whether Verified by Visa confirms that the information received is acceptable. It is eturned only for Verified by Visa transactions. **Authentication:** ● Good result – 2 or D ● Bad result – 1 **Attempted authentication:** ● Good result – 3, 6, 8, A, or C ● Bad result – 4, 7, or 9 **No liability shift:** Blank, 0, or B
ECISUBMITTED3DS	Electronic Commerce Indicator (ECI) that PayPal submitted with the payment authorisation request. This *might not* be the same value received from the merchant. In rare cases, PayPal is required to use a different ECI for authorisation based on the full set of 3-D Secure values provided from the cmpi_authenticate request. **MasterCard:** ● 01 – Merchant Liability ● 02 – Issuer Liability **Visa:** ● 05 – Issuer Liability ● 06 – Issuer Liability ● 07 – Merchant Liability

5 DoNonReferencedCredit API Operation

The `DoNonReferencedCredit` API issues a credit to a card not referenced by the original transaction.

DoNonReferencedCredit Request Message

DoNonReferencedCredit Request Fields

Field	Description
METHOD	*(Required)* Must be `DoNonReferencedCredit`.
AMT	*(Required)* Total of order, including shipping, handling, and tax. Amount = NetAmount + ShippingAmount + TaxAmount Character length and limitations: Must not exceed $10,000 USD in any currency. No currency symbol. Must have 2 decimal places, decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
NETAMT	*(Optional)* Total amount of all items in this transaction. **NOTE:** The only valid currencies are AUD, CAD, EUR, GBP, JPY, and USD. Character length and limitations: Must not exceed $10,000 USD in any currency. No currency symbol. Must have 2 decimal places, decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
TAXAMT	*(Optional)* Sum of tax for all items in this order. **NOTE:** The only valid currencies are AUD, CAD, EUR, GBP, JPY, and USD. Character length and limitations: The value must be zero or greater and cannot exceed $10,000 USD in any currency. No currency symbol. Must have 2 decimal places, decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
SHIPPINGAMT	*(Optional)* Total shipping costs in this transaction. **NOTE:** The only valid currencies are AUD, CAD, EUR, GBP, JPY, and USD. Character length and limitations: Value must be zero or greater and cannot exceed $10,000 USD in any currency. No currency symbol. Must have 2 decimal places, decimal separator must be a period (.), and the optional thousands separator must be a comma (,). The only valid currencies are AUD, CAD, EUR, GBP, JPY, and USD.

Field	Description
NOTE	*(Optional)* Field used by merchant to record why this credit was issued to a buyer. It is similar to a "memo" field (freeform text or string field).
CURRENCYCODE	*(Required)* Currency code (default is USD). **NOTE:** The only valid currencies are AUD, CAD, EUR, GBP, JPY, and USD.

Credit Card Details Type Fields

Field	Description
CREDITCARDTYPE	*(Optional)* Type of credit card. For UK, only `Maestro`, `MasterCard`, `Discover`, and `Visa` are allowable. For Canada, only `MasterCard` and `Visa` are allowable and Interac debit cards are not supported. It is one of the following values: ● `Visa` ● `MasterCard` ● `Discover` ● `Amex` ● `Maestro`: See note. **NOTE:** If the credit card type is `Maestro`, you must set `CURRENCYCODE` to `GBP`. In addition, you must specify either `STARTDATE` or `ISSUENUMBER`. Character length and limitations: Up to 10 single-byte alphabetic characters
ACCT	*(Required)* Credit card number. Character length and limitations: Numeric characters only with no spaces or punctutation. The string must conform with modulo and length required by each credit card type.
EXPDATE	Credit card expiration date. This field is required if you are using recurring payments with direct payments. Character length and limitations: 6 single-byte alphanumeric characters, including leading zero, in the format MMYYYY
CVV2	Card Verification Value, version 2. Your Merchant Account settings determine whether this field is required. To comply with credit card processing regulations, you must not store this value after a transaction has been completed. Character length and limitations: For Visa, MasterCard, and Discover, the value is exactly 3 digits. For American Express, the value is exactly 4 digits.
STARTDATE	*(Optional)* Month and year that Maestro card was issued. Character length and limitations: Must be 6 digits, including leading zero, in the format MMYYYY
ISSUENUMBER	*(Optional)* Issue number of Maestro card. Character length and limitations: 2 numeric digits maximum

Payer Name Type Fields

Field	Description
SALUTATION	*(Optional)* Buyer's salutation. Character length and limitations: 20 single-byte characters
FIRSTNAME	*(Optional)* Buyer's first name. Character length and limitations: 25 single-byte characters
MIDDLENAME	*(Optional)* Buyer's middle name. Character length and limitations: 25 single-byte characters
LASTNAME	*(Optional)* Buyer's last name. Character length and limitations: 25 single-byte characters
SUFFIX	*(Optional)* Buyer's suffix. Character length and limitations: 12 single-byte characters

Payer Information Fields

Field	Description
EMAIL	*(Optional)* Email address of buyer. Character length and limitations: 127 single-byte characters
FIRSTNAME	*(Required)* Buyer's first name. Character length and limitations: 25 single-byte characters
LASTNAME	*(Required)* Buyer's last name. Character length and limitations: 25 single-byte characters

Address Fields

Field	Description
STREET	*(Required)* First street address. Character length and limitations: 100 single-byte characters
STREET2	*(Optional)* Second street address. Character length and limitations: 100 single-byte characters
CITY	*(Required)* Name of city. Character length and limitations: 40 single-byte characters
STATE	*(Required)* State or province. Character length and limitations: 40 single-byte characters

Field	Description
COUNTRYCODE	*(Required)* Country code.
	Character length and limitationst: 2 single-byte characters
ZIP	*(Required)* U.S. ZIP code or other country-specific postal code.
	Character length and limitations: 20 single-byte characters
SHIPTOPHONENUM	*(Optional)* Phone number.
	Character length and limitations: 20 single-byte characters

DoNonReferencedCredit Response Message

DoNonReferencedCredit Response Fields

Field	Description
TRANSACTIONID	Unique identifier of a transaction.
	Character length and limitations: 17 single-byte alphanumeric characters.
CURRENCYCODE	Currency code.
	NOTE: The only valid currencies are AUD, CAD, EUR, GBP, JPY, and USD.

6 ExpressCheckout API Operations

Express Checkout API operations include `SetExpressCheckout`, `GetExpressCheckoutDetails`, and `DoExpressCheckoutPayment`.

Callback API Operation

Updates the PayPal Review page with shipping options, insurance, and tax information.

Callback API Request Message

Callback Request Fields

Field	Description
METHOD	*(Required)* Must be `Callback`.
TOKEN	*(Optional)* A timestamped token, the value of which was returned by `SetExpressCheckout` response. Character length and limitations: 20 single-byte characters
CURRENCYCODE	*(Required)* The three-character currency code for the transaction from the Express Checkout API. Default: USD

Field	Description
LOCALECODE	*(Optional)* Locale of pages displayed by PayPal during Express Checkout.
	Character length and limitations: Any two-character country code.
	The following two-character country codes are supported by PayPal:
	• AU – Australia
	• AT – Austria
	• BE – Belgium
	• BR – Brazil
	• CA – Canada
	• CH – Switzerland
	• CN – China
	• DE – Germany
	• ES – Spain
	• GB – United Kingdom
	• FR – France
	• IT – Italy
	• NL – Netherlands
	• PL – Poland
	• PT – Portugal
	• RU – Russia
	• US – United States
	• The following 5-character codes are also supported for languages in specific countries:
	da_DK – Danish (for Denmark only)
	he_IL – Hebrew (all)
	id_ID – Indonesian (for Indonesia only)
	jp_JP – Japanese (for Japan only)
	no_NO – Norwegian (for Norway only)
	pt_BR – Brazilian Portuguese (for Portugal and Brazil only)
	ru_RU – Russian (for Lithuania, Latvia, and Ukraine only)
	sv_SE – Sweedish (for Sweden only)
	th_TH – Thai (for Thailand only)
	tr_TR – Turkish (for Turkey only)
	zh_CN – Simplified Chinese (for China only)
	zh_HK – Traditional Chinese (for Hong Kong only)
	zh_TW – Traditional Chinese (for Taiwan only)
	Any other value will default to US.
L_NAME*n*	Item name from the Express Checkout API.
	These parameters must be ordered sequentially beginning with 0 (for example, L_NAME0, L_NAME1).
L_NUMBER*n*	Item number from the Express Checkout API.
	These parameters must be ordered sequentially beginning with 0 (for example, L_NUMBER0, L_NUMBER1).

Field	Description
L_DESC*n*	Item description from the Express Checkout API. These parameters must be ordered sequentially beginning with 0 (for example, L_DESC0, L_DESC1).
L_AMT*n*	Item unit price from the Express Checkout API. These parameters must be ordered sequentially beginning with 0 (for example, L_AMT0, L_AMT1).
L_QTY*n*	Item unit quantity from the Express Checkout API. These parameters must be ordered sequentially beginning with 0 (for example, L_QTY0, L_QTY1).
L_ITEMWEIGHTVALUE*n* L_ITEMWEIGHTUNIT*n*	The weight of the item. You can pass this data to the shipping carrier as is without having to make an additional database query. These parameters must be ordered sequentially beginning with 0 (for example, L_ITEMWEIGHTVALUE0, L_ITEMWEIGHTVALUE1).
L_ITEMHEIGHTVALUE*n* L_ITEMHEIGHTUNIT*n*	The height of the item. You can pass this data to the shipping carrier as is without having to make an additional database query. These parameters must be ordered sequentially beginning with 0 (for example, L_ITEMHEIGHTVALUE0, ITEMHEIGHTVALUE1).
L_ITEMWIDTHVALUE*n* L_ITEMWIDTHUNIT*n*	The width of the item. You can pass this data to the shipping carrier as is without having to make an additional database query.. These parameters must be ordered sequentially beginning with 0 (for example, L_ITEMWIDTHVALUE0, L_ITEMWIDTHVALUE1).
L_ITEMLENGTHVALUE*n* L_ITEMLENGTHUNIT*n*	The length of the item. You can pass this data to the shipping carrier as is without having to make an additional database query. These parameters must be ordered sequentially beginning with 0 (for example, ITEMLENGTHVALUE0, ITEMLENGTHVALUE1).
SHIPTOSTREET	First street address. Required if using a shipping address. Character length and limitations: 100 single-byte characters.
SHIPTOSTREET2	Second street address. Character length and limitations: 100 single-byte characters.
SHIPTOCITY	Name of city. Required if using a shipping address. Character length and limitations: 40 single-byte characters.
SHIPTOSTATE	State or province. Required if using a shipping address. Character length and limitations: 40 single-byte characters.
SHIPTOZIP	U.S. ZIP code or other country-specific postal code. Required if using a U.S. shipping address; may be required for other countries. Character length and limitations: 20 single-byte characters.
SHIPTOCOUNTRY	Country code. Required if using a shipping address. Character limit: 2 single-byte characters.

Callback Response Message

Callback Response Fields

Field	Description
METHOD	*(Required)* The method sent to the PayPal server. The value is always `CallbackResponse`.
CURRENCYCODE	*(Required)* The three-character currency code for the transaction from the Express Checkout API.
OFFERINSURANCEOPTION	*(Optional)* Indicates whether or not PayPal should display insurance in a drop-down list on the Review page. When the value is `true`, PayPal displays the drop-down with the associated amount and the string 'Yes.'
L_SHIPPINGOPTIONNAME*n*	*(Required)* Is the internal/system name of a shipping option, such as Air, Ground, or Expedited. These parameters must be ordered sequentially beginning with 0 (for example, `L_SHIPPINGOPTIONNAME0`, `L_SHIPPINGOPTIONNAME1`). Character length and limitations: 50 characters
L_SHIPPINGOPTIONLABEL*n*	*(Required)* The label for the shipping option as displayed to the buyer. Examples: Air: Next Day, Expedited: 3-5 days, Ground: 5-7 days. These labels can be localized based on the buyer's locale, which is a part of the callback request. These parameters must be ordered sequentially beginning with `0` (for example, `L_SHIPPINGALABEL0`, `L_SHIPPINGLABEL1`). Character length and limitations: 50 characters
L_SHIPPINGOPTIONAMOUNT*n*	*(Required)* Is the amount for this shipping option. These parameters must be ordered sequentially beginning with 0 (for example, `L_SHIPPINGAMOUNT0`, `L_SHIPPINGAMOUNT1`). **NOTE:** Character length and limitations: Must not exceed $10,000 USD in any currency. No currency symbol. Regardless of currency, decimal separator must be a period (.), and the optional thousands separator must be a comma (,). Equivalent to nine characters maximum for USD.
L_SHIPPINGOPTIONISDEFAULT	*(Required)* The option that is selected by default for the buyer and is also reflected in the "default" total.
L_TAXAMT*n*	*(Optional)* New tax amount based on this shipping option and the shipping address. **NOTE:** Character length and limitations: Must not exceed $10,000 USD in any currency. No currency symbol. Regardless of currency, decimal separator must be a period (.), and the optional thousands separator must be a comma (,). Equivalent to nine characters maximum for USD.

Field	Description
L_INSURANCEAMOUNT*n*	*(Optional)* New insurance amount based on this shipping option and the shipping address.
	NOTE: Character length and limitations: Must not exceed $10,000 USD in any currency. No currency symbol. Regardless of currency, decimal separator must be a period (.), and the optional thousands separator must be a comma (,). Equivalent to nine characters maximum for USD.
OFFERINSURANCEOPTION	*(Optional)* Indicates whether or not PayPal should display insurance in a drop-down list on the Review page. When the value is `true`, PayPal displays the drop-down with the associated amount and the string 'Yes.'
NO_SHIPPING_OPTION_ DETAILS	*(Optional)* If you do not ship to the buyer's shipping address, set this field to 1. The value of `CALLBACKVERSION` in `SetExpressCheckout` request must be 61.0 or greater.
	Character length and limitations: string

SetExpressCheckout API Operation

The `SetExpressCheckout` API operation initiates an Express Checkout transaction.

SetExpressCheckout Request Message

SetExpressCheckout Request Fields

Field	Description
METHOD	*(Required)* Must be `SetExpressCheckout`.
TOKEN	*(Optional)* A timestamped token, the value of which was returned by `SetExpressCheckout` response.
	Character length and limitations: 20 single-byte characters
AMT *(deprecated)*	*(Required)* The total cost of the transaction to the buyer. If shipping cost and tax charges are known, include them in this value. If not, this value should be the current subtotal of the order. If the transaction includes one or more one-time purchases, this field must be equal to the sum of the purchases. If the transaction does not include a one-time purchase such as when you set up a billing agreement for a recurring payment, set this field to 0.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).

Field	Description
MAXAMT	*(Optional)* The expected maximum total amount of the complete order, including shipping cost and tax charges. If the transaction includes one or more one-time purchases, this field is ignored.
	For recurring payments, you should pass the expected average transaction amount (default 25.00). PayPal uses this value to validate the buyer's funding source.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
	NOTE: This field is required when implementing the Instant Update API callback. PayPal recommends that the maximum total amount be slightly greater than the sum of the line-item order details, tax, and the shipping options of greatest value.
RETURNURL	*(Required)* URL to which the buyer's browser is returned after choosing to pay with PayPal. For digital goods, you must add JavaScript to this page to close the in-context experience.
	NOTE: PayPal recommends that the value be the final review page on which the buyer confirms the order and payment or billing agreement.
	Character length and limitations: 2048 single-byte characters
CANCELURL	*(Required)* URL to which the buyer is returned if the buyer does not approve the use of PayPal to pay you. For digital goods, you must add JavaScript to this page to close the in-context experience.
	NOTE: PayPal recommends that the value be the original page on which the buyer chose to pay with PayPal or establish a billing agreement.
	Character length and limitations: 2048 single-byte characters
CALLBACK	*(Optional)* URL to which the callback request from PayPal is sent. It must start with HTTPS for production integration. It can start with HTTPS or HTTP for sandbox testing.
	Character length and limitations: 1024 single-byte characters
	This field is available since version 53.0.
CALLBACKTIMEOUT	*(Optional)* An override for you to request more or less time to be able to process the callback request and respond. The acceptable range for the override is 1 to 6 seconds. If you specify a value greater than 6, PayPal uses the default value of 3 seconds.
	Character length and limitations: An integer between 1 and 6
REQCONFIRMSHIPPING	Indicates whetheror not you require the buyer's shipping address on file with PayPal be a confirmed address. For digital goods, this field is required, and you must set it to 0. It is one of the following values:
	• 0 – You do not require the buyer's shipping address be a confirmed address.
	• 1 – You require the buyer's shipping address be a confirmed address.
	NOTE: Setting this field overrides the setting you specified in your Merchant Account Profile.
	Character length and limitations: 1 single-byte numeric character

Field	Description
NOSHIPPING	Determines where or not PayPal displays shipping address fields on the PayPal pages. For digital goods, this field is required, and you must set it to 1. It is one of the following values: • 0 – PayPal displays the shipping address on the PayPal pages. • 1 – PayPal does not display shipping address fields whatsoever. • 2 – If you do not pass the shipping address, PayPal obtains it from the buyer's account profile. Character length and limitations: 4 single-byte numeric characters
ALLOWNOTE	*(Optional)* Enables the buyer to enter a note to the merchant on the PayPal page during checkout. The note is returned in the GetExpressCheckoutDetails response and the DoExpressCheckoutPayment response. It is one of the following values: • 0 – The buyer is unable to enter a note to the merchant. • 1 – The buyer is able to enter a note to the merchant. Character length and limitations: 1 single-byte numeric character This field is available since version 53.0.
ADDROVERRIDE	*(Optional)* Determines whether or not the PayPal pages should display the shipping address set by you in this SetExpressCheckout request, not the shipping address on file with PayPal for this buyer. Displaying the PayPal street address on file does not allow the buyer to edit that address. It is one of the following values: • 0 – The PayPal pages should not display the shipping address. • 1 – The PayPal pages should display the shipping address. Character length and limitations: 1 single-byte numeric character
CALLBACKVERSION	Version of the callback API. This field is required when implementing the Instant Update Callback API. It must be set to 61.0 or a later version. This field is available since version 61.0.

Field	Description
LOCALECODE	*(Optional)* Locale of pages displayed by PayPal during Express Checkout. It is one of the following country code values supported by PayPal (default is US): ● AU – Australia ● AT – Austria ● BE – Belgium ● BR – Brazil ● CA – Canada ● CH – Switzerland ● CN – China ● DE – Germany ● ES – Spain ● GB – United Kingdom ● FR – France ● IT – Italy ● NL – Netherlands ● PL – Poland ● PT – Portugal ● RU – Russia ● US – United States ● The following 5-character codes are also supported for languages in specific countries: da_DK – Danish (for Denmark only) he_IL – Hebrew (all) id_ID – Indonesian (for Indonesia only) jp_JP – Japanese (for Japan only) no_NO – Norwegian (for Norway only) pt_BR – Brazilian Portuguese (for Portugal and Brazil only) ru_RU – Russian (for Lithuania, Latvia, and Ukraine only) sv_SE – Sweedish (for Sweden only) th_TH – Thai (for Thailand only) tr_TR – Turkish (for Turkey only) zh_CN – Simplified Chinese (for China only) zh_HK – Traditional Chinese (for Hong Kong only) zh_TW – Traditional Chinese (for Taiwan only) Character length and limitations: 2-character country code
PAGESTYLE	*(Optional)* Name of the Custom Payment Page Style for payment pages associated with this button or link. It corresponds to the HTML variable page_style for customizing payment pages. It is the same name as the Page Style Name you chose to add or edit the page style in your PayPal Account profile. Character length and limitations: 30 single-byte alphabetic characters

Field	Description
HDRIMG	*(Optional)* URL for the image you want to appear at the top left of the payment page. The image has a maximum size of 750 pixels wide by 90 pixels high. PayPal recommends that you provide an image that is stored on a secure (https) server. If you do not specify an image, the business name displays. Character length and limitations: 127 single-byte alphanumeric characters
HDRBORDERCOLOR	*(Optional)* Sets the border color around the header of the payment page. The border is a 2-pixel perimeter around the header space, which is 750 pixels wide by 90 pixels high. By default, the color is black. Character length and limitations: 6-character HTML hexadecimal ASCII color code
HDRBACKCOLOR	*(Optional)* Sets the background color for the header of the payment page. By default, the color is white. Character length and limitations: 6-character HTML hexadecimal ASCII color code
PAYFLOWCOLOR	*(Optional)* Sets the background color for the payment page. By default, the color is white. Character length and limitations: 6-character HTML hexadecimal ASCII color code
PAYMENTACTION (*deprecated*)	*(Optional)* How you want to obtain payment. If the transaction does not include a one-time purchase, this field is ignored. It is one of the following values: ● `Sale` – This is a final sale for which you are requesting payment (default). ● `Authorization` – This payment is a basic authorization subject to settlement with PayPal Authorization and Capture. ● `Order` – This payment is an order authorization subject to settlement with PayPal Authorization and Capture. **NOTE:** You cannot set this field to Sale in `SetExpressCheckout` request and then change this value to `Authorization` or `Order` in the `DoExpressCheckoutPayment` request. If you set the field to `Authorization` or `Order` in `SetExpressCheckout`, you may set the field to `Sale`. Character length and limitations: Up to 13 single-byte alphabetic characters This field is deprecated. Use `PAYMENTREQUEST_0_PAYMENTACTION` instead.
EMAIL	*(Optional)* Email address of the buyer as entered during checkout. PayPal uses this value to pre-fill the PayPal membership sign-up portion on the PayPal pages. Character length and limitations: 127 single-byte alphanumeric characters
SOLUTIONTYPE	*(Optional)* Type of checkout flow. It is one of the following values: ● `Sole` – Buyer does not need to create a PayPal account to check out. This is referred to as PayPal Account Optional. ● `Mark` – Buyer must have a PayPal account to check out. **NOTE:** You can pass `Mark` to selectively override the PayPal Account Optional setting if PayPal Account Optional is turned on in your merchant account. Passing `Sole` has no effect if PayPal Account Optional is turned off in your account

Field	Description
LANDINGPAGE	*(Optional)* Type of PayPal page to display. It is one of the following values: • Billing – Non-PayPal account • Login – PayPal account login
CHANNELTYPE	*(Optional)* Type of channel. It is one of the following values: • Merchant – Non-auction seller • eBayItem – eBay auction
GIROPAYSUCCESSURL	*(Optional)* The URL on the merchant site to redirect to after a successful giropay payment. **NOTE:** Use this field only if you are using giropay or bank transfer payment methods in Germany.
GIROPAYCANCELURL	*(Optional)* The URL on the merchant site to redirect to after a successful giropay payment. **NOTE:** Use this field only if you are using giropay or bank transfer payment methods in Germany.
BANKTXNPENDINGURL	*(Optional)* The URL on the merchant site to transfer to after a bank transfer payment. **NOTE:** Use this field only if you are using giropay or bank transfer payment methods in Germany.
BRANDNAME	*(Optional)* A label that overrides the business name in the PayPal account on the PayPal hosted checkout pages. Character length and limitations: 127 single-byte alphanumeric characters
CUSTOMERSERVICENUMBER	*(Optional)* Merchant Customer Service number displayed on the PayPal pages. Character length and limitations: 16 single-byte characters
GIFTMESSAGEENABLE	*(Optional)* Enables the gift message widget on the PayPal pages. It is one of the following values: • 0 – Do not enable gift message widget. • 1 – Enable gift message widget.
GIFTRECEIPTENABLE	*(Optional)* Enable gift receipt widget on the PayPal pages. It is one of the following values: • 0 – Do not enable gift receipt widget. • 1 – Enable gift receipt widget.
GIFTWRAPENABLE	*(Optional)* Enable gift wrap widget on the PayPal pages. It is one of the following values: • 0 – Do not enable gift wrap widget. • 1 – Enable gift wrap widget. **NOTE:** If you pass the value 1 in this field, values for the gift wrap amount and gift wrap name are not passed, the gift wrap name is not displayed, and the gift wrap amount displays as 0.00.
GIFTWRAPNAME	*(Optional)* Label for the gift wrap option such as "Box with ribbon". Character length and limitations: 25 single-byte characters

Field	Description
GIFTWRAPAMOUNT	*(Optional)* Amount to be charged to the buyer for gift wrapping..
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
BUYEREMAILOPTINENAB LE	*(Optional)* Enables the buyer to provide their email address on the PayPal pages to be notified of promotions or special events. Is one of the following values: ● 0 – Do not enable buyer to provide email address. ● 1 – Enable the buyer to provide email address.
SURVEYQUESTION	*(Optional)* Text for the survey question on the PayPal pages. If the survey question is present, at least 2 survey answer options must be present. Character length and limitations: 50 single-byte characters
CALLBACKVERSION	*(Optional)* The version of the Instant Update API that your callback server uses. The default is the current version.
SURVEYENABLE	*(Optional)* Enables survey functionality. It is one of the following values: ● 0 – Disables survey functionality. ● 1 – Enables survey functionality.
L_SURVEYCHOICEn	*(Optional)* Possible options for the survey answers on the PayPal pages. Answers are displayed only if a valid survey question is present. Character length and limitations: 15 single-byte characters

AddressType Fields

Field	Description
PAYMENTREQUEST_*n*_SHIPTONAM E SHIPTONAME *(deprecated)*	Person's name associated with this shipping address. It is required if using a shipping address. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 32 single-byte characters SHIPTONAME is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTONAME instead.
PAYMENTREQUEST_*n*_SHIPTOSTR EET SHIPTOSTREET *(deprecated)*	First street address. It is required if using a shipping address. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 100 single-byte characters SHIPTOSTREET is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOSTREET instead.
PAYMENTREQUEST_*n*_SHIPTOSTR EET2 SHIPTOSTREET2 *(deprecated)*	*(Optional)* Second street address. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 100 single-byte characters SHIPTOSTREET2 is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOSTREET2 instead.

Field	Description
PAYMENTREQUEST_*n*_SHIPTOCITY SHIPTOCITY *(deprecated)*	Name of city. It is required if using a shipping address. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 40 single-byte characters SHIPTOCITY is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOCITY instead.
PAYMENTREQUEST_*n*_SHIPTOSTATE SHIPTOSTATE *(deprecated)*	State or province. It is required if using a shipping address. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 40 single-byte characters SHIPTOSTATE is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOSTATE instead.
PAYMENTREQUEST_*n*_SHIPTOZIP SHIPTOZIP *(deprecated)*	U.S. ZIP code or other country-specific postal code. It is required if using a U.S. shipping address and may be required for other countries. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 20 single-byte characters SHIPTOZIP is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOZIP instead.
PAYMENTREQUEST_*n*_SHIPTOCOUNTRYCODE SHIPTOCOUNTRY *(deprecated)*	Country code. It is required if using a shipping address. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 2 single-byte characters SHIPTOCOUNTRY is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOCOUNTRYCODE instead.
PAYMENTREQUEST_*n*_SHIPTOPHONENUM SHIPTOPHONENUM *(deprecated)*	*(Optional)* Phone number. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 20 single-byte characters SHIPTOPHONENUM is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOPHONENUM instead.

Payment Details Type Fields

When implementing parallel payments, you can create up to 10 sets of payment details type parameter fields, each representing one payment you are hosting on your marketplace.

Field	Description
PAYMENTREQUEST_*n*_AMT AMT *(deprecated)*	*(Required)* Total cost of the transaction to the buyer. If shipping cost and tax charges are known, include them in this value. If not, this value should be the current sub-total of the order. If the transaction includes one or more one-time purchases, this field must be equal to the sum of the purchases. Set this field to 0 if the transaction does not include a one-time purchase such as when you set up a billing agreement for a recurring payment that is not immediately charged. When the field is set to 0, purchase-specific fields are ignored. You can specify up to 10 payments, where n is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). AMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_AMT instead.
PAYMENTREQUEST_*n*_CURRENCYCODE CURRENCYCODE *(deprecated)*	*(Optional)* A 3-character currency code (default is USD). You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. CURRENCYCODE is deprecated since version 63.0. Use PAYMENTREQUEST_0_CURRENCYCODE instead.
PAYMENTREQUEST_*n*_ITEMAMT ITEMAMT *(deprecated)*	Sum of cost of all items in this order. For digital goods, this field is required. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. **NOTE:** PAYMENTREQUEST_*n*_ITEMAMT is required if you specify L_PAYMENTREQUEST_*n*_AMT*m*. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). ITEMAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_ITEMAMT instead.
PAYMENTREQUEST_*n*_SHIPPINGAMT SHIPPINGAMT *(deprecated)*	*(Optional)* Total shipping costs for this order. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. **NOTE:** If you specify a value for PAYMENTREQUEST_*n*_SHIPPINGAMT, you must also specify a value for PAYMENTREQUEST_*n*_ITEMAMT. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). SHIPPINGAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPPINGAMT instead.

Field	Description
PAYMENTREQUEST_*n*_INSURANCEAMT INSURANCEAMT *(deprecated)*	*(Optional)* Total shipping insurance costs for this order. The value must be a non-negative currency amount or `null` if insurance options are offered. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). INSURANCEAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_INSURANCEAMT instead.
PAYMENTREQUEST_*n*_SHIPDISCAMT SHIPPINGDISCAMT *(deprecated)*	*(Optional)* Shipping discount for this order, specified as a negative number. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). SHIPPINGDISCAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPPINGDISCAMT instead.
PAYMENTREQUEST_*n*_INSURANCEOPTIONOFFERED INSURANCEOPTIONOFFERED *(deprecated)*	*(Optional)* Indicates whether insurance is available as an option the buyer can choose on the PayPal Review page. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Is one of the following values: ● `true` – The Insurance option displays the string 'Yes' and the insurance amount. If `true`, the total shipping insurance for this order must be a positive number. ● `false` – The Insurance option displays 'No.' INSURANCEOPTIONOFFERED is deprecated since version 63.0. Use PAYMENTREQUEST_0_INSURANCEOPTIONOFFERED instead.
PAYMENTREQUEST_*n*_HANDLINGAMT HANDLINGAMT *(deprecated)*	*(Optional)* Total handling costs for this order. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. **NOTE:** If you specify a value for PAYMENTREQUEST_n_HANDLINGAMT, you must also specify a value for PAYMENTREQUEST_n_ITEMAMT. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). HANDLINGAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_HANDLINGAMT instead.

Field	Description
PAYMENTREQUEST_*n*_TAX AMT TAXAMT *(deprecated)*	*(Optional)* Sum of tax for all items in this order. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. **NOTE:** PAYMENTREQUEST_*n*_TAXAMT is required if you specify L_PAYMENTREQUEST_*n*_TAXAMTm Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). TAXAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_TAXAMT instead.
PAYMENTREQUEST_*n*_DES C DESC *(deprecated)*	*(Optional)* Description of items the buyer is purchasing. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. **NOTE:** The value you specify is available only if the transaction includes a purchase. This field is ignored if you set up a billing agreement for a recurring payment that is not immediately charged. Character length and limitations: 127 single-byte alphanumeric characters DESC is deprecated since version 63.0. Use PAYMENTREQUEST_0_DESC instead.
PAYMENTREQUEST_*n*_CUS TOM CUSTOM *(deprecated)*	*(Optional)* A free-form field for your own use. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. **NOTE:** The value you specify is available only if the transaction includes a purchase. This field is ignored if you set up a billing agreement for a recurring payment that is not immediately charged. Character length and limitations: 256 single-byte alphanumeric characters CUSTOM is deprecated since version 63.0. Use PAYMENTREQUEST_0_CUSTOM instead.
PAYMENTREQUEST_*n*_INV NUM INVNUM *(deprecated)*	*(Optional)* Your own invoice or tracking number.You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. **NOTE:** The value you specify is available only if the transaction includes a purchase. This field is ignored if you set up a billing agreement for a recurring payment that is not immediately charged. Character length and limitations: 127 single-byte alphanumeric characters INVNUM is deprecated since version 63.0. Use PAYMENTREQUEST_0_INVNUM instead.

Field	Description
PAYMENTREQUEST_*n*_NOTIFYURL NOTIFYURL *(deprecated)*	*(Optional)* Your URL for receiving Instant Payment Notification (IPN) about this transaction. If you do not specify this value in the request, the notification URL from your Merchant Profile is used, if one exists. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. **IMPORTANT:** The notify URL applies only to DoExpressCheckoutPayment. This value is ignored when set in SetExpressCheckout or GetExpressCheckoutDetails. Character length and limitations: 2,048 single-byte alphanumeric characters NOTIFYURL is deprecated since version 63.0. Use PAYMENTREQUEST_0_NOTIFYURL instead.
PAYMENTREQUEST_*n*_NOTETEXT NOTETEXT *(deprecated)*	*(Optional)* Note to the merchant. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 255 single-byte characters NOTETEXT is deprecated since version 63.0. Use PAYMENTREQUEST_0_NOTETEXT instead.
PAYMENTREQUEST_*n*_TRANSACTIONID TRANSACTIONID *(deprecated)*	*(Optional)* Transaction identification number of the transaction that was created. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. **NOTE:** This field is only returned after a successful transaction for DoExpressCheckout has occurred. TRANSACTIONID is deprecated since version 63.0. Use PAYMENTREQUEST_0_TRANSACTIONID instead.
PAYMENTREQUEST_*n*_ALLOWEDPAYMENTMETHOD ALLOWEDPAYMENTMETHOD *(deprecated)*	*(Optional)* The payment method type. Specify the value InstantPaymentOnly. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. ALLOWEDPAYMENTMETHOD is deprecated since version 63.0. Use PAYMENTREQUEST_0_ALLOWEDPAYMENTMETHOD instead.

Field	Description
PAYMENTREQUEST_*n*_PAYMENTACTION PAYMENTACTION *(deprecated)*	How you want to obtain payment. When implementing parallel payments, this field is required and must be set to Order. When implementing digital goods, this field is required and must be set to Sale. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. If the transaction does not include a one-time purchase, this field is ignored. It is one of the following values: ● Sale – This is a final sale for which you are requesting payment (default). ● Authorization – This payment is a basic authorization subject to settlement with PayPal Authorization and Capture. ● Order – This payment is an order authorization subject to settlement with PayPal Authorization and Capture. **NOTE:** You cannot set this field to Sale in SetExpressCheckout request and then change the value to Authorization or Order in the DoExpressCheckoutPayment request. If you set the field to Authorization or Order in SetExpressCheckout, you may set the field to Sale. Character length and limitations: Up to 13 single-byte alphabetic characters PAYMENTACTION is deprecated since version 63.0. Use PAYMENTREQUEST_0_PAYMENTACTION instead.
PAYMENTREQUEST_*n*_PAYMENTREQUESTID PAYMENTREQUESTID *(deprecated)*	A unique identifier of the specific payment request, which is required for parallel payments. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: Up to 127 single-byte characters PAYMENTREQUESTID is deprecated since version 63.0. Use PAYMENTREQUEST_0_PAYMENTREQUESTID instead.

Payment Details Item Type Fields

Field	Description
L_PAYMENTREQUEST_*n*_NAME*m* L_NAME*n* *(deprecated)*	Item name. This field is required when L_PAYMENTREQUEST_*n*_ITEMCATEGORY*m* is passed. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment; except for digital goods, which supports single payments only. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_NAME0, L_PAYMENTREQUEST_*n*_NAME1). Character length and limitations: 127 single-byte characters This field is introduced in version 53.0. L_NAME*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_NAME*m* instead.

Field	Description
L_PAYMENTREQUEST_*n*_DESC*m* L_DESC*n* *(deprecated)*	*(Optional)* Item description. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment; except for digital goods, which supports single payments only. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_DESC0, L_PAYMENTREQUEST_*n*_DESC1). Character length and limitations: 127 single-byte characters This field is introduced in version 53.0. L_DESC*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_DESC*m* instead.
L_PAYMENTREQUEST_*n*_AMT*m* L_AMT*n* *(deprecated)*	Cost of item. This field is required when L_PAYMENTREQUEST_*n*_ITEMCATEGORY*m* is passed. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment; except for digital goods, which supports single payments only. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_AMT0, L_PAYMENTREQUEST_*n*_AMT1). **NOTE:** If you specify a value for L_PAYMENTREQUEST_*n*_AMT*m*, you must specify a value for PAYMENTREQUEST_*n*_ITEMAMT. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). This field is introduced in version 53.0. L_AMT*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_AMT*m* instead.
L_PAYMENTREQUEST_*n*_NUMBER*m* L_NUMBER*n* *(deprecated)*	*(Optional)* Item number. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_NUMBER0, L_PAYMENTREQUEST_*n*_NUMBER1). Character length and limitations: 127 single-byte characters This field is introduced in version 53.0. L_NUMBER*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_NUMBER*m* instead.
L_PAYMENTREQUEST_*n*_QTY*m* L_QTY*n* *(deprecated)*	Item quantity. This field is required when L_PAYMENTREQUEST_*n*_ITEMCATEGORY*m* is passed. For digital goods (L_PAYMENTREQUEST_*n*_ITEMCATEGORY*m*=Digital), this field is required. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment; except for digital goods, which only supports single payments. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_QTY0, L_PAYMENTREQUEST_*n*_QTY1). Character length and limitations: Any positive integer This field is introduced in version 53.0. L_QTY*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_QTY*m* instead.

Field	Description
`L_PAYMENTREQUEST_n_TAXAMTm` `L_TAXAMTn` *(deprecated)*	*(Optional)* Item sales tax. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment; except for digital goods, which only supports single payments. These parameters must be ordered sequentially beginning with 0 (for example `L_PAYMENTREQUEST_n_TAXAMT0`, `L_PAYMENTREQUEST_n_TAXAMT1`). Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). `L_TAXAMTn` is deprecated since version 63.0. Use `L_PAYMENTREQUEST_0_TAXAMTm` instead.
`L_PAYMENTREQUEST_n_ITEMWEIGHTVALUEm`, `L_PAYMENTREQUEST_n_ITEMWEIGHTUNITm` `L_ITEMWEIGHTVALUEn` and `L_ITEMWEIGHTUNITn` *(deprecated)*	*(Optional)* Item weight corresponds to the weight of the item. You can pass this data to the shipping carrier as is without having to make an additional database query. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment;. These parameters must be ordered sequentially beginning with 0 (for example `L_PAYMENTREQUEST_n_ITEMWEIGHTVALUE0`, `L_PAYMENTREQUEST_n_ITEMWEIGHTVALUE1`). Character length and limitations: Any positive integer `L_ITEMWEIGHTTVALUEn` and `L_ITEMWEIGHTUNITn` are deprecated since version 63.0. Use `L_PAYMENTREQUEST_0_ITEMWEIGHTVALUEm` and `L_PAYMENTREQUEST_0_ITEMWEIGHTUNITm` instead.
`L_PAYMENTREQUEST_n_ITEMLENGTHVALUEm`, `L_PAYMENTREQUEST_n_ITEMLENGTHUNITm` `L_ITEMLENGTHVALUEn` and `L_ITEMLENGHTUNITn` *(deprecated)*	*(Optional)* Item length corresponds to the length of the item. You can pass this data to the shipping carrier as is without having to make an additional database query. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example `L_PAYMENTREQUEST_n_ITEMLENGTHVALUE0`, `L_PAYMENTREQUEST_n_ITEMLENGTHVALUE1`). Character length and limitations: Any positive integer `L_ITEMLENGTHVALUEn` and `L_ITEMLENGTHUNITm` are deprecated since version 63.0. Use `L_PAYMENTREQUEST_0_ITEMLENGTHVALUEm` and `L_PAYMENTREQUEST_0_ITEMLENGTHUNITn` instead.
`L_PAYMENTREQUEST_n_ITEMWIDTHVALUEm`, `L_PAYMENTREQUEST_n_ITEMWIDTHUNITm` `L_ITEMWIDTHVALUEn` and `L_ITEMWIDTHUNITn` *(deprecated)*	*(Optional)* Item width corresponds to the width of the item. You can pass this data to the shipping carrier as is without having to make an additional database query. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example `L_PAYMENTREQUEST_n_ITEMWIDTHVALUE0`, `L_PAYMENTREQUEST_n_ITEMWIDTHVALUE1`). Character length and limitations: Any positive integer `L_ITEMWIDTHVALUEn` and `L_ITEMWIDTHUNITm` are deprecated since version 63.0. Use `L_PAYMENTREQUEST_0_ITEMWIDTHVALUEm` and `L_PAYMENTREQUEST_0_ITEMWIDTHUNITn` instead.

Field	Description
L_PAYMENTREQUEST_*n*_IT EMHEIGHTVALUE*m*, L_PAYMENTREQUEST_*n*_IT EMHEIGHTUNIT*m* L_ITEMHEIGHTVALUE*n* and L_ITEMHEIGHTUNIT*n* *(deprecated)*	*(Optional)* Item height corresponds to the height of the item. You can pass this data to the shipping carrier as is without having to make an additional database query. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_ITEMHEIGHTVALUE0, L_PAYMENTREQUEST_*n*_ITEMHEIGHTVALUE1). Character length and limitations: Any positive integer L_ITEMHEIGHTVALUE*n* and L_ITEMHEIGHTUNIT*m* are deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMHEIGHTVALUE*m* and L_PAYMENTREQUEST_0_ITEMHEIGHTUNIT*n* instead.
L_PAYMENTREQUEST_*n*_IT EMURL*m* L_ITEMURL*n* *(deprecated)*	(Optional) URL for the item. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_ITEMURL0, L_PAYMENTREQUEST_*n*_ITEMURL1). L_ITEMURL*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMURL*m* instead.
L_PAYMENTREQUEST_*n*_IT EMCATEGORY*m*	Indicates whether an item is digital or physical. For digital goods, this field is required and must be set to Digital. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment; except for digital goods, which only supports single payments. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_ITEMCATEGORY0, L_PAYMENTREQUEST_*n*_ITEMCATEGORY1). It is one of the following values: • Digital • Physical This field is available since version 65.1.

Seller Details Type Fields

Field	Description
PAYMENTREQUEST_*n*_SELL ERPAYPALACCOUNTID	Unique identifier for the merchant. For parallel payments, this field is required and must contain the Payer Id or the email address of the merchant. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 127 single-byte alphanumeric characters

Ebay Item Payment Details Item Type Fields

Field	Description
L_PAYMENTREQUEST_n_EBAYITEMNUMBERm L_EBAYITEMNUMBERn *(deprecated)*	*(Optional)* Auction item number. You can specify up to 10 payments, where n is a digit between 0 and 9, inclusive, and m specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_EBAYITEMNUMBER0, L_PAYMENTREQUEST_n_EBAYITEMNUMBER1). Character length: 765 single-byte characters L_EBAYITEMNUMBERn is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_EBAYITEMNUMBERm instead.
L_PAYMENTREQUESST_n_EBAYITEMAUCTIONTXNIDm L_EBAYITEMAUCTIONTXNIDn *(deprecated)*	*(Optional)* Auction transaction identification number. You can specify up to 10 payments, where n is a digit between 0 and 9, inclusive, and m specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_EBAYITEMAUCTIONTXNID0, L_PAYMENTREQUEST_n_EBAYITEMAUCTIONTXNID1). Character length: 255 single-byte characters L_EBAYAUCTIONTXNIDn is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_EBAYAUCTIONTXNIDm instead.
L_PAYMENTREQUEST_n_EBAYITEMORDERIDm L_EBAYITEMORDERIDn *(deprecated)*	*(Optional)* Auction order identification number. You can specify up to 10 payments, where n is a digit between 0 and 9, inclusive, and m specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_EBAYITEMORDERID0, L_PAYMENTREQUEST_n_EBAYITEMORDERID1). Character length: 64 single-byte characters L_EBAYITEMORDERIDn is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_EBAYITEMORDERIDm instead.
L_PAYMENTREQUEST_n_EBAYCARTIDm L_EBAYITEMCARTIDn *(deprecated)*	*(Optional)* The unique identifier provided by eBay for this order from the buyer. You can specify up to 10 payments, where n is a digit between 0 and 9, inclusive, and m specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_EBAYITEMCARTID0, L_PAYMENTREQUEST_n_EBAYITEMCARTID1). Character length: 255 single-byte characters L_EBAYITEMCARTIDn is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_EBAYITEMCARTIDm instead.

Buyer Details Fields

Field	Description
BUYERID	*(Optional)* The unique identifier provided by eBay for this buyer. The value may or may not be the same as the username. In the case of eBay, it is different. Character length and limitations: 255 single-byte characters
BUYERUSERNAME	`xs:string` *(Optional)* The user name of the user at the marketplaces site.
BUYERREGISTRATIONDATE	`xs:dateTime` *(Optional)* Date when the user registered with the marketplace. Character length and limitations: Date and time are in UTC/GMTformat, for example, `2011-06-24T05:38:48Z`

FundingSourceDetailsType Fields

Field	Description
ALLOWPUSHFUNDING	*(Optional)* Indicates whether the merchant can accept push funding. It is one of the following values: ● `0` – Merchant can accept push funding. ● `1` – Merchant cannot accept push funding. **NOTE:** This field overrides the setting in the merchant's PayPal account.

Shipping Options Type Fields

Field	Description
L_SHIPPINGOPTIONISDEFAULT*n*	Default shipping optio displayed on the PayPal pages. This field is required if you specify the Callback URL. It is one of the following values: ● `true` – This is the default flat-rate shipping option. PayPal displays this option and its amount by default. ● `false` – This flat-rate shipping option and its amount are not displayed as the default. **NOTE:** There must be ONE and ONLY ONE default. It is not OK to have no default.
L_SHIPPINGOPTIONNAME*n*	Internal name of the shipping option such as Air, Ground, Expedited, and so forth. This field is required if you specify the Callback URL. Character length and limitations: 50 character-string.
L_SHIPPINGOPTIONAMOUNT*n*	Amount of the flat rate shipping option. This field is required if you specify the Callback URL. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).

Billing Agreement Details Type Fields

Field	Description
L_BILLINGTYPE*n*	
L_BILLINGAGREEMENTD ESCRIPTION*n*	Description of goods or services associated with the billing agreement. This field is required for each recurring payment billing agreement. PayPal recommends that the description contain a brief summary of the billing agreement terms and conditions. For example, buyer is billed at "9.99 per month for 2 years". Character length and limitations: 127 single-byte alphanumeric characters
L_PAYMENTTYPE*n*	*(Optional)* Type of PayPal payment you require for the billing agreement. It is one of the following values: • Any • InstantOnly **NOTE:** For recurring payments, this field is ignored.
L_BILLINGAGREEMENTC USTOM*n*	*(Optional)* Custom annotation field for your own use. **NOTE:** For recurring payments, this field is ignored. Character length and limitations: 256 single-byte alphanumeric bytes

Tax Id Details Type Fields

Field	Description
TAXIDTYPE	Buyer's tax ID type. This field is required for Brazil and used for Brazil only. For Brazil use only: The tax ID type is BR_CPF for individuals and BR_CNPJ for businesses. This field is introduced in API version 72.0.
TAXIDDETAILS	Buyer's tax ID. This field is required for Brazil and used for Brazil only. For Brazil use only: The tax ID is 11 single-byte characters for individuals and 14 single-byte characters for businesses. This field is introduced in API version 72.0.

SetExpressCheckout Response Message

SetExpressCheckout Response Fields

Field	Description
TOKEN	A timestamped token by which you identify to PayPal that you are processing this payment with Express Checkout. The token expires after three hours. If you set the token in the SetExpressCheckout request, the value of the token in the response is identical to the value in the request. Character length and limitations: 20 single-byte characters

GetExpressCheckoutDetails API Operation

The GetExpressCheckoutDetails API operation obtains information about an Express Checkout transaction.

GetExpressCheckoutDetails Request Message

GetExpressCheckoutDetails Request Fields

Field	Description
METHOD	*(Required)* Must be GetExpressCheckoutDetails.
TOKEN	*(Required)* A timestamped token, the value of which was returned by SetExpressCheckout response. Character length and limitations: 20 single-byte characters

GetExpressCheckoutDetails Response Message

GetExpressCheckoutDetails Response Fields

Field	Description
TOKEN	The timestamped token value that was returned by SetExpressCheckout response and passed on GetExpressCheckoutDetails request. Character length and limitations: 20 single-byte characters
CUSTOM	A free-form field for your own use, as set by you in the Custom element of the SetExpressCheckout request. Character length and limitations: 256 single-byte alphanumeric characters
INVNUM	Your own invoice or tracking number, as set by you in the element of the same name in the SetExpressCheckout request. Character length and limitations: 127 single-byte alphanumeric characters
PHONENUM	Buyer's contact phone number. **NOTE:** PayPal returns a contact phone number only if your Merchant Account Profile settings require that the buyer enter one. Character length and limitations: Field mask is XXX-XXX-XXXX (for US numbers) or +XXX XXXXXXXX (for international numbers)

Field	Description
PAYPALADJUSTMENT	A discount or gift certificate offered by PayPal to the buyer. This amount is represented by a negative amount. If the buyer has a negative PayPal account balance, PayPal adds the negative balance to the transaction amount, which is represented as a positive value. Character length and limitations: Must not exceed $10,000 USD in any currency. No currency symbol. Must have 2 decimal places, decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
NOTE	Text entered by the buyer on the PayPal website if you set the `ALLOWNOTE` field to `1` in `SetExpressCheckout`. Character length and limitations: 255 single-byte characters This field is deprecated.
REDIRECTREQUIRED	Flag to indicate whether you need to redirect the buyer back to PayPal after successfully completing the transaction. **NOTE:** Use this field only if you are using giropay or bank transfer payment methods in Germany.

CHECKOUTSTATUS	`ebl:CheckoutStatusType`
	
	Status of the checkout session. If payment is completed, the transaction identification number of the resulting transaction is returned. It is one of the following values:
	    `PaymentActionNotInitiated` `PaymentActionFailed` `PaymentActionInProgress` `PaymentCompleted`

GIFTMESSAGE	Gift message entered by the buyer on the PayPal checkout pages. Character length and limitations: 150 single-byte characters
GIFTRECEIPTENABLE	Whether the buyer requested a gift receipt. It is one of the following values: `true` – The buyer requested a gift receipt. `false` – The buyer did not request a gift receipt.
GIFTWRAPNAME	Returns the gift wrap name *only* if the buyer selects gift option on the PayPal pages. Character length and limitations: 25 single-byte characters
GIFTWRAPAMOUNT	Returns the gift wrap amount *only* if the buyer selects the gift option on the PayPal pages. Character length and limitations: Must not exceed $10,000 USD in any currency. No currency symbol. Must have two decimal places, decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
BUYERMARKETINGEMAIL	Buyer's email address if the buyer provided it on the PayPal pages. Character length and limitations: 127 single-byte characters
SURVEYQUESTION	Survey question on the PayPal checkout pages. Character length and limitations: 50 single-byte characters
SURVEYCHOICESELECTED	Survey response the buyer selects on the PayPal pages. Character length and limitations: 15 single-byte characters

Payer Information Fields

Field	Description
EMAIL	Email address of buyer. Character length and limitations: 127 single-byte characters
PAYERID	Unique PayPal Customer Account identification number. Character length and limitations: 13 single-byte alphanumeric characters
PAYERSTATUS	Status of buyer. It is one of the following values: ● verified ● unverified Character length and limitations: 10 single-byte alphabetic characters
COUNTRYCODE	Buyer's country of residence in the form of ISO standard 3166 two-character country codes. Character length and limitations: 2 single-byte characters
BUSINESS	Buyer's business name. Character length and limitations: 127 single-byte characters

Payer Name Fields

Field	Description
SALUTATION	Buyer's salutation. Character length and limitations: 20 single-byte characters
FIRSTNAME	Buyer's first name. Character length and limitations: 25 single-byte characters
MIDDLENAME	Buyer's middle name. Character length and limitations: 25 single-byte characters
LASTNAME	Buyer's last name. Character length and limitations: 25 single-byte characters
SUFFIX	Buyer's suffix. Character length and limitations: 12 single-byte characters

Address Type Fields

Field	Description
PAYMENTREQUEST_*n*_SHIPTONAME SHIPTONAME *(deprecated)*	Person's name associated with this shipping address. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 32 single-byte characters SHIPTONAME is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTONAME instead.

Field	Description
PAYMENTREQUEST_*n*_SHIPTOSTREET SHIPTOSTREET *(deprecated)*	First street address. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 100 single-byte characters SHIPTOSTREET is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOSTREET instead.
PAYMENTREQUEST_*n*_SHIPTOSTREET2 SHIPTOSTREET2 *(deprecated)*	Second street address. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 100 single-byte characters SHIPTOSTREET2 is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOSTREET2 instead.
PAYMENTREQUEST_*n*_SHIPTOCITY SHIPTOCITY *(deprecated)*	Name of city. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 40 single-byte characters SHIPTOCITY is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOCITY instead.
PAYMENTREQUEST_*n*_SHIPTOSTATE SHIPTOSTATE *(deprecated)*	State or province. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 40 single-byte characters SHIPTOSTATE is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOSTATE instead.
PAYMENTREQUEST_*n*_SHIPTOZIP SHIPTOZIP *(deprecated)*	U.S. ZIP code or other country-specific postal code. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 20 single-byte characters SHIPTOZIP is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOZIP instead.
PAYMENTREQUEST_*n*_SHIPTOCOUNTRYCODE SHIPTOCOUNTRY *(deprecated)*	Country code. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 2 single-byte characters SHIPTOCOUNTRY is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOCOUNTRYCODE instead.
PAYMENTREQUEST_*n*_SHIPTOPHONENUM SHIPTOPHONENUM *(deprecated)*	Phone number. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 20 single-byte characters SHIPTOPHONENUM is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOPHONENUM instead.

Field	Description
PAYMENTREQUEST_*n*_ADDRESSST ATUS ADDRESSSTATUS *(deprecated)*	Status of street address on file with PayPal. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. It is one of the following values: ● none ● Confirmed ● Unconfirmed ADDRESSSTATUS is deprecated since version 63.0. Use PAYMENTREQUEST_0_ADDRESSSTATUS instead.

Payment Details Type Fields

When implementing parallel payments, you can create up to 10 sets of payment details type parameter fields, each representing one payment you are hosting on your marketplace.

Field	Description
PAYMENTREQUEST_*n*_AMT AMT *(deprecated)*	The total cost of the transaction to the buyer. If shipping cost (not applicable to digital goods) and tax charges are known, include them in this value. If not, this value should be the current sub-total of the order. If the transaction includes one or more one-time purchases, this field must be equal to the sum of the purchases. Set this field to 0 if the transaction does not include a one-time purchase such as when you set up a billing agreement for a recurring payment that is not immediately charged. Purchase-specific fields are ignored. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. For digital goods, the following must be true: ● total cost > 0 ● total cost <= total cost passed in the call to SetExpressCheckout Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). AMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_AMT instead.
PAYMENTREQUEST_*n*_CURRE NCYCODE CURRENCYCODE *(deprecated)*	A 3-character currency code. Default: USD. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. CURRENCYCODE is deprecated since version 63.0. Use PAYMENTREQUEST_*n*_CURRENCYCODE instead.

Field	Description
PAYMENTREQUEST_*n*_ITEMAMT ITEMAMT *(deprecated)*	Sum of cost of all items in this order. For digital goods, this field is required. PayPal recommends that you pass the same value in the call to DoExpressCheckoutPayment that you passed in the call to SetExpressCheckout. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. **NOTE:** PAYMENTREQUEST_*n*_ITEMAMT is required if you specify L_PAYMENTREQUEST_*n*_AMT*m*. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). ITEMAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_ITEMAMT instead.
PAYMENTREQUEST_*n*_SHIPPINGAMT SHIPPINGAMT *(deprecated)*	*(Optional)* Total shipping costs for this order. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. **NOTE:** If you specify a value for PAYMENTREQUEST_n_SHIPPINGAMT, you must also specify a value for PAYMENTREQUEST_n_ITEMAMT. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). SHIPPINGAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPPINGAMT instead.
PAYMENTREQUEST_*n*_INSURANCEAMT INSURANCEAMT *(deprecated)*	*(Optional)* Total shipping insurance costs for this order. The value must be a non-negative currency amount or null if insurance options are offered. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). INSURANCEAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_INSURANCEAMT instead.
PAYMENTREQUEST_*n*_SHIPDISCAMT SHIPPINGDISCAMT *(deprecated)*	*(Optional)* Shipping discount for this order, specified as a negative number. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). SHIPPINGDISCAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPPINGDISCAMT instead.

Field	Description
PAYMENREQUEST_*n*_INSURANCEOPTIONOFFERED INSURANCEOPTIONOFFERED *(deprecated)*	*(Optional)* Indicates whether insurance is available as an option the buyer can choose on the PayPal pages. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Is one of the following values: • true – The Insurance option displays the string 'Yes' and the insurance amount. If true, the total shipping insurance for this order must be a positive number. • false – The Insurance option displays 'No.' INSURANCEOPTIONOFFERED is deprecated since version 63.0. Use PAYMENTREQUEST_0_INSURANCEOPTIONOFFERED instead.
PAYMENTREQUEST_*n*_HANDLINGAMT HANDLINGAMT *(deprecated)*	*(Optional)* Total handling costs for this order. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. **NOTE:** If you specify a value for PAYMENTREQUEST_n_HANDLINGAMT, you must also specify a value for PAYMENTREQUEST_n_ITEMAMT. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). HANDLINGAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_HANDLINGAMT instead.
PAYMENTREQUEST_*n*_TAXAMT TAXAMT *(deprecated)*	*(Optional)* Sum of tax for all items in this order. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. **NOTE:** PAYMENTREQUEST_*n*_TAXAMT is required if you specify L_PAYMENTREQUEST_*n*_TAXAMTm Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). TAXAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_TAXAMT instead.
PAYMENTREQUEST_*n*_DESC DESC *(deprecated)*	*(Optional)* Description of items the buyer is purchasing. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. **NOTE:** The value you specify is available only if the transaction includes a purchase. This field is ignored if you set up a billing agreement for a recurring payment that is not immediately charged. Character length and limitations: 127 single-byte alphanumeric characters DESC is deprecated since version 63.0. Use PAYMENTREQUEST_0_DESC instead.

Field	Description
PAYMENTREQUEST_*n*_CUSTOM CUSTOM *(deprecated)*	*(Optional)* A free-form field for your own use. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. **NOTE:** The value you specify is available only if the transaction includes a purchase. This field is ignored if you set up a billing agreement for a recurring payment that is not immediately charged. Character length and limitations: 256 single-byte alphanumeric characters CUSTOM is deprecated since version 63.0. Use PAYMENTREQUEST_0_CUSTOM instead.
PAYMENTREQUEST_*n*_INVNUM INVNUM *(deprecated)*	*(Optional)* Your own invoice or tracking number. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. **NOTE:** The value you specify is available only if the transaction includes a purchase. This field is ignored if you set up a billing agreement for a recurring payment that is not immediately charged. Character length and limitations: 127 single-byte alphanumeric characters INVNUM is deprecated since version 63.0. Use PAYMENTREQUEST_0_INVNUM instead.
PAYMENTREQUEST_*n*_NOTIFYURL NOTIFYURL *(deprecated)*	Your URL for receiving Instant Payment Notification (IPN) about this transaction. If you do not specify this value in the request, the notification URL from your Merchant Profile is used, if one exists. Your URL for receiving Instant Payment Notification (IPN) about this transaction. If you do not specify this value in the request, the notification URL from your Merchant Profile is used, if one exists. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. **IMPORTANT:** The notify URL applies only to DoExpressCheckoutPayment. This value is ignored when set in SetExpressCheckout or GetExpressCheckoutDetails. Character length and limitations: 2,048 single-byte alphanumeric characters NOTIFYURL is deprecated since version 63.0. Use PAYMENTREQUEST_0_NOTIFYURL instead.
PAYMENTREQUEST_*n*_NOTETEXT NOTETEXT *(deprecated)*	Note to the merchant. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 255 single-byte characters NOTETEXT is deprecated since version 63.0. Use PAYMENTREQUEST_0_NOTETEXT instead.
PAYMENTREQUEST_*n*_TRANSACTIONID TRANSACTIONID *(deprecated)*	Transaction identification number of the transaction that was created. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. **NOTE:** This field is only returned after a successful transaction for DoExpressCheckout has occurred. TRANSACTIONID is deprecated since version 63.0. Use PAYMENTREQUEST_0_TRANSACTIONID instead.

Field	Description
PAYMENTREQUEST_*n*_ALLOWEDPAYMENTMETHOD ALLOWEDPAYMENTMETHOD *(deprecated)*	The payment method type. Specify the value InstantPaymentOnly. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. ALLOWEDPAYMENTMETHOD is deprecated since version 63.0. Use PAYMENTREQUEST_0_ALLOWEDPAYMENTMETHOD instead.
PAYMENTREQUEST_*n*_PAYMENTREQUESTID PAYMENTREQUESTID *(deprecated)*	A unique identifier of the specific payment request. Required when implementing parallel payments. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: Up to 127 single-byte characters PAYMENTREQUESTID is deprecated since version 63.0. Use PAYMENTREQUEST_0_PAYMENTREQUESTID instead.

Payment Details Item Type Fields

Field	Description
L_PAYMENTREQUEST_*n*_NAME*m* L_NAME*n* *(deprecated)*	Item name. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment; except for digital goods, which only supports single payments. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_NAME0, L_PAYMENTREQUEST_*n*_NAME1). Character length and limitations: 127 single-byte characters L_NAME*n* is deprecated in version 63.0. Use L_PAYMENTREQUEST_0_NAME*m* instead.
L_PAYMENTREQUEST_*n*_DESC*m* L_DESC*n* *(deprecated)*	Item description. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment; except for digital goods, which only supports single payments. Character length and limitations: 127 single-byte characters This field is available since version 53.0. L_DESC*n* is deprecated in version 63.0. Use L_PAYMENTREQUEST_0_DESC*m* instead.
L_PAYMENTREQUEST_*n*_AMT*m* L_AMT*n* *(deprecated)*	Cost of item. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment; except for digital goods, which only supports single payments. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_AMT0, L_PAYMENTREQUEST_*n*_AMT1). **NOTE:** If you specify a value for L_PAYMENTREQUEST_*n*_AMT*m*, you must specify a value for PAYMENTREQUEST_*n*_ITEMAMT. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). L_AMT*n* is deprecated in version 63.0. Use L_PAYMENTREQUEST_0_AMT*m* instead.

Field	Description
`L_PAYMENTREQUEST_n_NUMBERm` `L_NUMBERn` *(deprecated)*	Item number. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example `L_PAYMENTREQUEST_n_NUMBER0`, `L_PAYMENTREQUEST_n_NUMBER1`). Character length and limitations: 127 single-byte characters `L_NUMBERn` is deprecated in version 63.0. Use `L_PAYMENTREQUEST_0_NUMBERm` instead.
`L_PAYMENTREQUEST_n_QTYm` `L_QTYn` *(deprecated)*	Item quantity. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example `L_PAYMENTREQUEST_n_QTY0`, `L_PAYMENTREQUEST_n_QTY1`). Character length and limitations: Any positive integer `L_QTYn` is deprecated in version 63.0. Use `L_PAYMENTREQUEST_0_QTYm` instead.
`L_PAYMENTREQUEST_n_TAXAMTm` `L_TAXAMTn` *(deprecated)*	Item sales tax. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example `L_PAYMENTREQUEST_n_TAXAMT0`, `L_PAYMENTREQUEST_n_TAXAMT1`). Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). `L_TAXAMTn` is deprecated in version 63.0. Use `L_PAYMENTREQUEST_0_TAXAMTm` instead.
`L_PAYMENTREQUEST_n_ITEMWEIGHTVALUEm`, `L_PAYMENTREQUEST_n_ITEMWEIGHTUNITm` `L_ITEMWEIGHTVALUEn` and `L_ITEMWEIGHTUNITn` *(deprecated)*	Weight of the item. You can pass this data to the shipping carrier as is without having to make an additional database query. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example `L_PAYMENTREQUEST_n_ITEMWEIGHTVALUE0`, `L_PAYMENTREQUEST_n_ITEMWEIGHTVALUE1`). Character length and limitations: Any positive integer `L_ITEMWEIGTHTVALUEn` and `L_ITEMWEIGHTUNITn` are deprecated in version 63.0. Use `L_PAYMENTREQUEST_0_ITEMWEIGTHTVALUEm` and `L_PAYMENTREQUEST_0_ITEMWEIGHTUNITm` instead.
`L_PAYMENTREQUEST_n_ITEMLENGTHVALUEm`, `L_PAYMENTREQUEST_n_ITEMLENGTHUNITm` `L_ITEMLENGTHVALUEn` and `L_ITEMLENGTHUNITn` *(deprecated)*	Length of the item. You can pass this data to the shipping carrier as is without having to make an additional database query. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example `L_PAYMENTREQUEST_n_ITEMLENGTHVALUE0`, `L_PAYMENTREQUEST_n_ITEMLENGTHVALUE1`). Character length and limitations: Any positive integer `L_ITEMLENGTHVALUEn` and `L_ITEMLENGTHUNITn` are deprecated in version 63.0. Use `L_PAYMENTREQUEST_0_ITEMLENGTHVALUEm` and `L_PAYMENTREQUEST_0_ITEMLENGTHUNITm` instead.

Field	Description
L_PAYMENTREQUEST_*n*_ITEM WIDTHVALUE*m*, L_PAYMENTREQUEST_*n*_ITEM WIDTHUNIT*m* L_ITEMWIDTHVALUE*n* and L_ITEMWIDTHUNIT*n* *(deprecated)*	Width of the item. You can pass this data to the shipping carrier as is without having to make an additional database query. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_ITEMWIDTHVALUE0, L_PAYMENTREQUEST_*n*_ITEMWIDTHVALUE1). Character length and limitations: Any positive integer L_ITEMWIDTHVALUE*n* and L_ITEMWIDTHUNIT*n* are deprecated in version 63.0. Use L_PAYMENTREQUEST_*n*_ITEMWIDTHVALUE*m* and L_PAYMENTREQUEST_*n*_ITEMWIDTHUNIT*m* instead.
L_PAYMENTREQUEST_*n*_ITEM HEIGHTVALUE*m*, L_PAYMENTREQUEST_*n*_ITEM HEIGHTUNIT*m* L_ITEMHEIGHTVALUE*n* and L_ITEMHEIGHTUNIT*n* *(deprecated)*	Height of the item. You can pass this data to the shipping carrier as is without having to make an additional database query. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_ITEMHEIGHTVALUE0, L_PAYMENTREQUEST_*n*_ITEMHEIGHTVALUE1). Character length and limitations: Any positive integer L_ITEMHEIGHTVALUE*n* and L_ITEMHEIGHTUNIT*n* are deprecated in version 63.0. Use L_PAYMENTREQUEST_*n*_ITEMHEIGHTVALUE*m* and L_ITEMHEIGHTUNIT*m* instead.
L_PAYMENTREQUEST_*n*_ITEM CATEGORY*m*	Indicates whether the item is digital or physical. For digital goods (L_PAYMENTREQUEST_*n*_ITEMCATEGORY*m*=Digital), this field is required. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_ITEMCATEGORY0, L_PAYMENTREQUEST_*n*_ITEMCATEGORY1). It is one of the following values: - Digital - Physical This field is available since version 65.1.

EbayItemPaymentDetailsItemType Fields

Field	Description
L_PAYMENTREQUEST_*n*_EB AYITEMNUMBER*m* EBAYITEMNUMBER*n* *(deprecated)*	Auction item number. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. Character length: 765 single-byte characters EBAYITEMNUMBER*n* is deprecated since 63.0. Use L_PAYMENTREQUEST_0_EBAYAUCTIONTXNID*m* instead.

Field	Description
L_PAYMENTREQUEST_n_EBAYITEMAUCTIONTXNIDm EBAYITEMAUCTIONTXNIDn *(deprecated)*	Auction transaction identification number. You can specify up to 10 payments, where n is a digit between 0 and 9, inclusive, and m specifies the list item within the payment. Character length: 255 single-byte characters EBAYITEMAUCTIONTXNIDn is deprecated since 63.0. Use L_PAYMENTREQUEST_0_EBAYAUCTIONTXNIDm instead.
L_PAYMENTREQUEST_n_EBAYITEMORDERIDm EBAYITEMORDERIDn *(deprecated)*	Auction order identification number. You can specify up to 10 payments, where n is a digit between 0 and 9, inclusive, and m specifies the list item within the payment. Character length: 64 single-byte characters EBAYITEMORDERIDn is deprecated since 63.0. Use L_PAYMENTREQUEST_0_EBAYITEMORDERIDm instead.
L_PAYMENTREQUEST_n_EBAYITEMCARTIDm EBAYITEMCARTIDn *(deprecated)*	The unique identifier provided by eBay for this order from the buyer. You can specify up to 10 payments, where n is a digit between 0 and 9, inclusive, and m specifies the list item within the payment. Character length: 255 single-byte characters EBAYITEMCARTIDn is deprecated since 63.0. Use L_PAYMENTREQUEST_0_EBAYITEMCARTIDm instead.

User Selected Options Type Fields

Field	Description
SHIPPINGCALCULATIONMODE	Describes how the options that were presented to the buyer were determined. It is one of the following values: • API - Callback • API - Flatrate
INSURANCEOPTIONSELECTED	The option that the buyer chose for insurance. It is one of the following values: • Yes – The buyer opted for insurance. • No – The buyer did not opt for insurance.
SHIPPINGOPTIONISDEFAULT	Indicates whether the buyer chose the default shipping option. It is one of the following values: • true – The buyer chose the default shipping option. • false – The buyer did not choose the default shipping option. Character length and limitations: true or false
SHIPPINGOPTIONAMOUNT	The shipping amount that the buyer chose. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
SHIPPINGOPTIONNAME	The name of the shipping option, such as air or ground.

Seller Details Type Fields

Field	Description
PAYMENTREQUEST_*n*_SELLER PAYPALACCOUNTID	Unique identifier for the merchant. For parallel payments, this field contains either the Payer Id or the email address of the merchant. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 127 single-byte alphanumeric characters

Payment Request Info Type Fields

Field	Description
PAYMENTREQUEST_*n*_TRAN SACTIONID	Transaction ID for up to 10 parallel payment requests. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. This field is available since version 64.0.
PAYMENTREQUEST_*n*_PAYM ENTREQUESTID	Payment request ID. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. This field is available since version 64.0.

Payment Error Type Fields

Field	Description
PAYMENTREQUEST_*n*_SH ORTMESSAGE	xs:string Payment error short message. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive.
PAYMENTREQUEST_*n*_LO NGMESSAGE	xs:string Payment error long message. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive.
PAYMENTREQUEST_*n*_ER RORCODE	xs:string Payment error code. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive.
PAYMENTREQUEST_*n*_SE VERITYCODE	xs:string Payment error severity code. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive.
PAYMENTREQUEST_*n*_AC K	xs:string Application-specific error values indicating more about the error condition. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive.

Tax Id Details Type Fields

Field	Description
TAXIDTYPE	Buyer's tax ID type. This field is required for Brazil and used for Brazil only.
	For Brazil use only: The tax ID type is BR_CPF for individuals and BR_CNPJ for businesses.
	This field is introduced in API version 72.0.
TAXIDDETAILS	Buyer's tax ID. This field is required for Brazil and used for Brazil only.
	For Brazil use only: The tax ID is 11 single-byte characters for individuals and 14 single-byte characters for businesses.
	This field is introduced in API version 72.0.

DoExpressCheckoutPayment API Operation

The DoExpressCheckoutPayment API operation completes an Express Checkout transaction.

If you set up a billing agreement in your SetExpressCheckout API call, the billing agreement is created when you call the DoExpressCheckoutPayment API operation.

DoExpressCheckoutPayment Request Message

DoExpressCheckoutPayment Request Fields

Field	Description
METHOD	*(Required)* Must be DoExpressCheckoutPayment.
TOKEN	*(Required)* The timestamped token value that was returned in the SetExpressCheckout response and passed in the GetExpressCheckoutDetails request.
	Character length and limitations: 20 single-byte characters

Field	Description
PAYMENTACTION (*deprecated*)	*(Required)* How you want to obtain payment. It is one of the following values: • Authorization – This payment is a basic authorization subject to settlement with PayPal Authorization and Capture. • Order – This payment is an order authorization subject to settlement with PayPal Authorization and Capture. • Sale – This is a final sale for which you are requesting payment. **NOTE:** You cannot set this value to Sale in the SetExpressCheckout request and then change this value to Authorization in the DoExpressCheckoutPayment request. Character length and limitations: Up to 13 single-byte alphabetic characters This field is deprecated. Use PAYMENTREQUEST_*n*_PAYMENTACTION instead.
PAYERID	*(Required)* Unique PayPal buyer account identification number as returned in the GetExpressCheckoutDetails response Character length and limitations: 13 single-byte alphanumeric characters
RETURNFMFDETAILS	*(Optional)* Flag to indicate whether you want the results returned by Fraud Management Filters. By default, you do not receive this information. It is one of the following values: • 0 – Do not receive FMF details (default). • 1 – Receive FMF details.
GIFTMESSAGE	*(Optional)* The gift message the buyer entered on the PayPal pages. Character length and limitations: 150 single-byte characters
GIFTRECEIPTENABLE	*(Optional)* Whether the buyer selected a gift receipt on the PayPal pages. It is one of the following vaues: • true – The buyer selected a gift message. • false – The buyer did not select a gift message.
GIFTWRAPNAME	*(Optional)* Return the gift wrap name only if the buyer selected the gift option on the PayPal pages. Character length and limitations: 25 single-byte characters
GIFTWRAPAMOUNT	*(Optional)* Amount only if the buyer selected the gift option on the PayPal pages. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
BUYERMARKETINGEMAIL	*(Optional)* The buyer email address opted in by the buyer on the PayPal pages. Character length and limitations: 127 single-byte characters
SURVEYQUESTION	*(Optional)* Survey question on the PayPal pages. Limitations: 50 single-byte characters
SURVEYCHOICESELECTED	*(Optional)* Survey response that the buyer selected on the PayPal pages. Character length and limitations: 15 single-byte characters

Field	Description
BUTTONSOURCE	*(Optional)* Identification code for use by third-party applications to identify transactions.
	Character length and limitations: 32 single-byte alphanumeric characters

Payment Details Type Fields

When implementing parallel payments, you can create up to 10 sets of payment details type parameter fields, each representing one payment you are hosting on your marketplace.

Field	Description
PAYMENTREQUEST_*n*_AMT AMT *(deprecated)*	The total cost of the transaction to the buyer. If shipping cost (not applicable to digital goods) and tax charges are known, include them in this value. If not, this value should be the current sub-total of the order. If the transaction includes one or more one-time purchases, this field must be equal to the sum of the purchases. Set this field to 0 if the transaction does not include a one-time purchase such as when you set up a billing agreement for a recurring payment that is not immediately charged. When the field is set to 0, purchase-specific fields are ignored. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. For digital goods, the following must be true: • total cost > 0 • total cost <= total cost passed in the call to SetExpressCheckout Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). AMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_AMT instead.
PAYMENTREQUEST_*n*_CURRENCYCODE CURRENCYCODE *(deprecated)*	*(Optional)* A 3-character currency code. Default: USD. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. CURRENCYCODE is deprecated since version 63.0. Use PAYMENTREQUEST_0_CURRENCYCODE instead.

Field	Description
PAYMENTREQUEST_*n*_ITEMAMT ITEMAMT *(deprecated)*	Sum of cost of all items in this order. For digital goods, this field is required. PayPal recommends that you pass the same value in the call to `DoExpressCheckoutPayment` that you passed in the call to `SetExpressCheckout`. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. **NOTE:** PAYMENTREQUEST_*n*_ITEMAMT is required if you specify L_PAYMENTREQUEST_*n*_AMT*m*. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). ITEMAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_ITEMAMT instead.
PAYMENTREQUEST_*n*_SHIPPINGAMT SHIPPINGAMT *(deprecated)*	*(Optional)* Total shipping costs for this order. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. **NOTE:** If you specify a value for PAYMENTREQUEST_n_SHIPPINGAMT, you must also specify a value for PAYMENTREQUEST_n_ITEMAMT. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). SHIPPINGAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPPINGAMT instead.
PAYMENTREQUEST_*n*_INSURANCEAMT INSURANCEAMT *(deprecated)*	*(Optional)* Total shipping insurance costs for this order. The value must be a non-negative currency amount or `null` if insurance options are offered. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). INSURANCEAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_INSURANCEAMT instead.
PAYMENTREQUEST_*n*_SHIPDISCAMT SHIPPINGDISCAMT *(deprecated)*	*(Optional)* Shipping discount for this order, specified as a negative number. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). SHIPPINGDISCAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPPINGDISCAMT instead.

Field	Description
PAYMENTREQUEST_*n*_INSURANCEOPTIONOFFERED INSURANCEOPTIONOFFERED *(deprecated)*	*(Optional)* Indicates whether insurance is available as an option the buyer can choose on the PayPal Review page. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Is one of the following values: ● true – The Insurance option displays the string 'Yes' and the insurance amount. If true, the total shipping insurance for this order must be a positive number. ● false – The Insurance option displays 'No.' INSURANCEOPTIONOFFERED is deprecated since version 63.0. Use PAYMENTREQUEST_0_INSURANCEOPTIONOFFERED instead.
PAYMENTRREQUEST_*n*_HANDLINGAMT HANDLINGAMT *(deprecated)*	*(Optional)* Total handling costs for this order. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. **NOTE:** If you specify a value for PAYMENTREQUEST_n_HANDLINGAMT, you must also specify a value for PAYMENTREQUEST_n_ITEMAMT. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). HANDLINGAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_HANDLINGAMT instead.
PAYMENTREQUEST_*n*_TAXAMT TAXAMT *(deprecated)*	*(Optional)* Sum of tax for all items in this order. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. **NOTE:** PAYMENTREQUEST_*n*_TAXAMT is required if you specify L_PAYMENTREQUEST_*n*_TAXAMTm Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). TAXAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_TAXAMT instead.
PAYMENTREQUEST_*n*_DESC DESC *(deprecated)*	*(Optional)* Description of items the buyer is purchasing. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. **NOTE:** The value you specify is available only if the transaction includes a purchase. This field is ignored if you set up a billing agreement for a recurring payment that is not immediately charged. Character length and limitations: 127 single-byte alphanumeric characters DESC is deprecated since version 63.0. Use PAYMENTREQUEST_0_DESC instead.

Field	Description
PAYMENTREQUEST_*n*_CUSTOM CUSTOM *(deprecated)*	*(Optional)* A free-form field for your own use. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. **NOTE:** The value you specify is available only if the transaction includes a purchase. This field is ignored if you set up a billing agreement for a recurring payment that is not immediately charged. Character length and limitations: 256 single-byte alphanumeric characters CUSTOM is deprecated since version 63.0. Use PAYMENTREQUEST_0_CUSTOM instead.
PAYMENTREQUEST_*n*_INVNUM INVNUM *(deprecated)*	*(Optional)* Your own invoice or tracking number. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. **NOTE:** The value you specify is available only if the transaction includes a purchase. This field is ignored if you set up a billing agreement for a recurring payment that is not immediately charged. Character length and limitations: 127 single-byte alphanumeric characters INVNUM is deprecated since version 63.0. Use PAYMENTREQUEST_0_INVNUM instead.
PAYMENTREQUEST_*n*_NOTIFYURL NOTIFYURL *(deprecated)*	*(Optional)* Your URL for receiving Instant Payment Notification (IPN) about this transaction. If you do not specify this value in the request, the notification URL from your Merchant Profile is used, if one exists. *(Optional)* Your URL for receiving Instant Payment Notification (IPN) about this transaction. If you do not specify this value in the request, the notification URL from your Merchant Profile is used, if one exists. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. **IMPORTANT:** The notify URL applies only to DoExpressCheckoutPayment. This value is ignored when set in SetExpressCheckout or GetExpressCheckoutDetails. Character length and limitations: 2,048 single-byte alphanumeric characters NOTIFYURL is deprecated since version 63.0. Use PAYMENTREQUEST_0_NOTIFYURL instead.
PAYMENTREQUEST_*n*_NOTETEXT NOTETEXT *(deprecated)*	*(Optional)* Note to the merchant. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 255 single-byte characters NOTETEXT is deprecated since version 63.0. Use PAYMENTREQUEST_0_NOTETEXT instead.
PAYMENTREQUEST_*n*_SOFTDESCRIPTOR SOFTDESCRIPTOR *(deprecated)*	A per transaction description of the payment that is passed to the buyer's credit card statement. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. **NOTE:** Ignore when PAYMENTREQUEST_n_PAYMENTACTION=Order. SOFTDESCRIPTOR is deprecated since version 63.0. Use PAYMENTREQUEST_0_SOFTDESCRIPTOR instead.

Field	Description
PAYMENTREQUEST_*n*_TRANSAC TIONID TRANSACTIONID *(deprecated)*	*(Optional)* Transaction identification number of the transaction that was created. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. **NOTE:** This field is only returned after a successful transaction for DoExpressCheckout has occurred. TRANSACTIONID is deprecated since version 63.0. Use PAYMENTREQUEST_0_TRANSACTIONID instead.
PAYMENTREQUEST_*n*_ALLOWED PAYMENTMETHOD ALLOWEDPAYMENTMETHOD *(deprecated)*	*(Optional)* The payment method type. Specify the value InstantPaymentOnly. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. ALLOWEDPAYMENTMETHOD is deprecated since version 63.0. Use PAYMENTREQUEST_0_ALLOWEDPAYMENTMETHOD instead.
PAYMENTRREQUEST_*n*_PAYMEN TACTION PAYMENTACTION *(deprecated)*	How you want to obtain payment. When implementing parallel payments, this field is required and must be set to Order. When implementing digital goods, this field is required and must be set to Sale. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive; except for digital goods, which supports single payments only. If the transaction does not include a one-time purchase, this field is ignored. It is one of the following values: ● Sale – This is a final sale for which you are requesting payment (default). ● Authorization – This payment is a basic authorization subject to settlement with PayPal Authorization and Capture. ● Order – This payment is an order authorization subject to settlement with PayPal Authorization and Capture. **NOTE:** You cannot set this field to Sale in SetExpressCheckout request and then change the value to Authorization or Order in the DoExpressCheckoutPayment request. If you set the field to Authorization or Order in SetExpressCheckout, you may set the field to Sale. Character length and limitations: Up to 13 single-byte alphabetic characters PAYMENTACTION is deprecated since version 63.0. Use PAYMENTREQUEST_0_PAYMENTACTION instead.
PAYMENTREQUEST_*n*_PAYMENT REQUESTID PAYMENTREQUESTID *(deprecated)*	A unique identifier of the specific payment request. Required when implementing parallel payments. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: Up to 127 single-byte characters PAYMENTREQUESTID is deprecated since version 63.0. Use PAYMENTREQUEST_0_PAYMENTREQUESTID instead.

Address Fields

Field	Description
PAYMENTREQUEST_*n*_SHIPTONAME SHIPTONAME *(deprecated)*	Person's name associated with this shipping address. It is required if using a shipping address. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 32 single-byte characters SHIPTONAME is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTONAME instead.
PAYMENTREQUEST_*n*_SHIPTOSTREET SHIPTOSTREET *(deprecated)*	First street address. It is required if using a shipping address. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 100 single-byte characters SHIPTOSTREET is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOSTREET instead.
PAYMENTREQUEST_*n*_SHIPTOSTREET2 SHIPTOSTREET2 *(deprecated)*	*(Optional)* Second street address. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 100 single-byte characters SHIPTOSTREET2 is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOSTREET2 instead.
PAYMENTREQUEST_*n*_SHIPTOCITY SHIPTOCITY *(deprecated)*	Name of city. It is required if using a shipping address. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 40 single-byte characters SHIPTOCITY is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOCITY instead.
PAYMENTREQUEST_*n*_SHIPTOSTATE SHIPTOSTATE *(deprecated)*	State or province. It is required if using a shipping address. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 40 single-byte characters SHIPTOSTATE is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOSTATE instead.
PAYMENTREQUEST_*n*_SHIPTOZIP SHIPTOZIP *(deprecated)*	U.S. ZIP code or other country-specific postal code. It is required if using a U.S. shipping address and may be required for other countries. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 20 single-byte characters SHIPTOZIP is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOZIP instead.
PAYMENTREQUEST_*n*_SHIPTOCOUNTRYCODE SHIPTOCOUNTRY *(deprecated)*	Country code. It is required if using a shipping address. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 2 single-byte characters SHIPTOCOUNTRY is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOCOUNTRYCODE instead.

Field	Description
PAYMENTREQUEST_*n*_SHIPTOPHO NENUM SHIPTOPHONENUM *(deprecated)*	*(Optional)* Phone number. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 20 single-byte characters SHIPTOPHONENUM is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOPHONENUM instead.

Payment Details Item Type Fields

Field	Description
L_PAYMENTREQUEST_*n*_NA ME*m* L_NAME*n* *(deprecated)*	Item name. This field is required when L_PAYMENTREQUEST_*n*_ITEMCATEGORY*m* is passed. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment; except for digital goods, which supports single payments only. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_NAME0, L_PAYMENTREQUEST_*n*_NAME1). Character length and limitations: 127 single-byte characters This field is introduced in version 53.0. L_NAME*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_NAME*m* instead.
L_PAYMENTREQUEST_*n*_DE SC*m* L_DESC*n* *(deprecated)*	*(Optional)* Item description. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment; except for digital goods, which supports single payments only. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_DESC0, L_PAYMENTREQUEST_*n*_DESC1). Character length and limitations: 127 single-byte characters This field is introduced in version 53.0. L_DESC*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_DESC*m* instead.
L_PAYMENTREQUEST_*n*_AM T*m* L_AMT*n* *(deprecated)*	Cost of item. This field is required when L_PAYMENTREQUEST_*n*_ITEMCATEGORY*m* is passed.You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment; except for digital goods, which supports single payments only. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_AMT0, L_PAYMENTREQUEST_*n*_AMT1). **NOTE:** If you specify a value for L_PAYMENTREQUEST_*n*_AMT*m*, you must specify a value for PAYMENTREQUEST_*n*_ITEMAMT. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). This field is introduced in version 53.0. L_AMT*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_AMT*m* instead.

Field	Description
L_PAYMENTREQUEST_*n*_NUMBER*m* L_NUMBER*n* *(deprecated)*	*(Optional)* Item number. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_NUMBER0, L_PAYMENTREQUEST_*n*_NUMBER1). Character length and limitations: 127 single-byte characters This field is introduced in version 53.0. L_NUMBER*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_NUMBER*m* instead.
L_PAYMENTREQUEST_*n*_QTY*m* L_QTY*n* *(deprecated)*	Item quantity. This field is required when L_PAYMENTREQUEST_*n*_ITEMCATEGORY*m* is passed. For digital goods (L_PAYMENTREQUEST_*n*_ITEMCATEGORY*m*=Digital), this field is required. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment; except for digital goods, which only supports single payments. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_QTY0, L_PAYMENTREQUEST_*n*_QTY1). Character length and limitations: Any positive integer This field is introduced in version 53.0. L_QTY*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_QTY*m* instead.
L_PAYMENTREQUEST_*n*_TAXAMT*m* L_TAXAMT*n* *(deprecated)*	*(Optional)* Item sales tax. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment; except for digital goods, which only supports single payments. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_TAXAMT0, L_PAYMENTREQUEST_*n*_TAXAMT1). Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). L_TAXAMT*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_TAXAMT*m* instead.
L_PAYMENTREQUEST_*n*_ITEMWEIGHTVALUE*m*, L_PAYMENTREQUEST_*n*_ITEMWEIGHTUNIT*m* L_ITEMWEIGHTVALUE*n* and L_ITEMWEIGHTUNIT*n* *(deprecated)*	*(Optional)* Item weight corresponds to the weight of the item. You can pass this data to the shipping carrier as is without having to make an additional database query. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment;. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_ITEMWEIGHTVALUE0, L_PAYMENTREQUEST_*n*_ITEMWEIGHTVALUE1). Character length and limitations: Any positive integer L_ITEMWEIGHTTVALUE*n* and L_ITEMWEIGHTUNIT*n* are deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMWEIGHTVALUE*m* and L_PAYMENTREQUEST_0_ITEMWEIGHTUNIT*m* instead.

Field	Description
L_PAYMENTREQUEST_*n*_ITEMLENGTHVALUE*m*, L_PAYMENTREQUEST_*n*_ITEMLENGTHUNIT*m* L_ITEMLENGTHVALUE*n* and L_ITEMLENGHTUNIT*n* *(deprecated)*	*(Optional)* Item length corresponds to the length of the item. You can pass this data to the shipping carrier as is without having to make an additional database query. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_ITEMLENGTHVALUE0, L_PAYMENTREQUEST_*n*_ITEMLENGTHVALUE1). Character length and limitations: Any positive integer L_ITEMLENGTHVALUE*n* and L_ITEMLENGTHUNIT*m* are deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMLENGTHVALUE*m* and L_PAYMENTREQUEST_0_ITEMLENGTHUNIT*n* instead.
L_PAYMENTREQUEST_*n*_ITEMWIDTHVALUE*m*, L_PAYMENTREQUEST_*n*_ITEMWIDTHUNIT*m* L_ITEMWIDTHVALUE*n* and L_ITEMWIDTHUNIT*n* *(deprecated)*	*(Optional)* Item width corresponds to the width of the item. You can pass this data to the shipping carrier as is without having to make an additional database query. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_ITEMWIDTHVALUE0, L_PAYMENTREQUEST_*n*_ITEMWIDTHVALUE1). Character length and limitations: Any positive integer L_ITEMWIDTHVALUE*n* and L_ITEMWIDTHUNIT*m* are deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMWIDTHVALUE*m* and L_PAYMENTREQUEST_0_ITEMWIDTHUNIT*n* instead.
L_PAYMENTREQUEST_*n*_ITEMHEIGHTVALUE*m*, L_PAYMENTREQUEST_*n*_ITEMHEIGHTUNIT*m* L_ITEMHEIGHTVALUE*n* and L_ITEMHEIGHTUNIT*n* *(deprecated)*	*(Optional)* Item height corresponds to the height of the item. You can pass this data to the shipping carrier as is without having to make an additional database query. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_ITEMHEIGHTVALUE0, L_PAYMENTREQUEST_*n*_ITEMHEIGHTVALUE1). Character length and limitations: Any positive integer L_ITEMHEIGHTVALUE*n* and L_ITEMHEIGHTUNIT*m* are deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMHEIGHTVALUE*m* and L_PAYMENTREQUEST_0_ITEMHEIGHTUNIT*n* instead.
L_PAYMENTREQUEST_*n*_ITEMURL*m* L_ITEMURL*n* *(deprecated)*	(Optional) URL for the item. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_ITEMURL0, L_PAYMENTREQUEST_*n*_ITEMURL1). L_ITEMURL*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMURL*m* instead.

Field	Description
`L_PAYMENTREQUEST_`*`n`*`_ITEMCATEGORY`*`m`*	Indicates whether an item is digital or physical. For digital goods, this field is required and must be set to `Digital`. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment; except for digital goods, which only supports single payments. These parameters must be ordered sequentially beginning with 0 (for example `L_PAYMENTREQUEST_`*`n`*`_ITEMCATEGORY0`, `L_PAYMENTREQUEST_`*`n`*`_ITEMCATEGORY1`). It is one of the following values: `Digital` `Physical` This field is available since version 65.1.

EbayItemPaymentDetailsItemType Fields

Field	Description
`L_PAYMENTREQUEST_`*`n`*`_EBAYITEMNUMBER`*`m`* `L_EBAYITEMNUMBER`*`n`* *(deprecated)*	*(Optional)* Auction item number. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example `L_PAYMENTREQUEST_`*`n`*`_EBAYITEMNUMBER0`, `L_PAYMENTREQUEST_`*`n`*`_EBAYITEMNUMBER1`). Character length: 765 single-byte characters `L_EBAYITEMNUMBER`*`n`* is deprecated since version 63.0. Use `L_PAYMENTREQUEST_0_EBAYITEMNUMBER`*`m`* instead.
`L_PAYMENTREQUESST_`*`n`*`_EBAYITEMAUCTIONTXNID`*`m`* `L_EBAYITEMAUCTIONTXNID`*`n`* *(deprecated)*	*(Optional)* Auction transaction identification number. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example `L_PAYMENTREQUEST_`*`n`*`_EBAYITEMAUCTIONTXNID0`, `L_PAYMENTREQUEST_`*`n`*`_EBAYITEMAUCTIONTXNID1`). Character length: 255 single-byte characters `L_EBAYAUCTIONTXNID`*`n`* is deprecated since version 63.0. Use `L_PAYMENTREQUEST_0_EBAYAUCTIONTXNID`*`m`* instead.
`L_PAYMENTREQUEST_`*`n`*`_EBAYITEMORDERID`*`m`* `L_EBAYITEMORDERID`*`n`* *(deprecated)*	*(Optional)* Auction order identification number. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example `L_PAYMENTREQUEST_`*`n`*`_EBAYITEMORDERID0`, `L_PAYMENTREQUEST_`*`n`*`_EBAYITEMORDERID1`). Character length: 64 single-byte characters `L_EBAYITEMORDERID`*`n`* is deprecated since version 63.0. Use `L_PAYMENTREQUEST_0_EBAYITEMORDERID`*`m`* instead.

Field	Description

`L_PAYMENTREQUEST_n_EBAYCARTIDm`
`L_EBAYITEMCARTIDn`
(deprecated)
	(Optional) The unique identifier provided by eBay for this order from the buyer. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example `L_PAYMENTREQUEST_n_EBAYITEMCARTID0`, `L_PAYMENTREQUEST_n_EBAYITEMCARTID1`).
	Character length: 255 single-byte characters
	`L_EBAYITEMCARTIDn` is deprecated since version 63.0. Use `L_PAYMENTREQUEST_0_EBAYITEMCARTIDm` instead.

UserSelectedOptions Fields

Field	Description
`INSURANCEOPTIONSELECTED`	*(Optional)* The option that the buyer chose for insurance. It is one of the following values: ● `Yes` – The buyer opted for insurance. ● `No` – The buyer did not opt for insurance.
`SHIPPINGOPTIONISDEFAULT`	*(Optional)* Whether the buyer chose the default shipping option. It is one of the following values: ● `true` – The buyer chose the default shipping option. ● `false` – The buyer did not choose the default shipping option.
`SHIPPINGOPTIONAMOUNT`	*(Optional)* The shipping amount that the buyer chose. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
`SHIPPINGOPTIONNAME`	*(Optional)* The name of the shipping option, such as air or ground.

Seller Details Type Fields

Field	Description
`PAYMENTREQUEST_n_SELLERID` `SELLERID` *(deprecated)*	*(Optional)* Unique non-changing identifier for the merchant at the marketplace site. This ID is not displayed. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 13 single-byte alphanumeric characters `SELLERID` is deprecated since version 63.0. Use `PAYMENTREQUEST_0_SELLERID` instead.

Field	Description
PAYMENTREQUEST_*n*_SELLERUSERNAME SELLERUSERNAME *(deprecated)*	`xs:string` *(Optional)* Current name of the merchant or business at the marketplace site. This name may be shown to the buyer. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. SELLERUSERNAME is deprecated since version 63.0. Use PAYMENTREQUEST_0_SELLERUSERNAME instead.
PAYMENTREQUEST_*n*_SELLERREGISTRATIONDATE SELLERREGISTRATIONDATE *(deprecated)*	*(Optional)* Date when the merchant registered with the marketplace. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: Date and time are in UTC/GMTformat, for example, `2011-06-24T05:38:48Z` SELLERREGISTRATIONDATE is deprecated since version 63.0. Use PAYMENTREQUEST_0_SELLERREGISTRATIONDATE instead.

DoExpressCheckoutPayment Response Message

DoExpressCheckoutPayment Response Fields

Field	Description
TOKEN	The timestamped token value that was returned by `SetExpressCheckout` response and passed on `GetExpressCheckoutDetails` request. Character length and limitations: 20 single-byte characters
PAYMENTTYPE	Information about the payment.
NOTE	The text entered by the buyer on the PayPal website if you set the `ALLOWNOTE` field to `1` in `SetExpressCheckout`. This field is available since version 53.0. Character length and limitations: 255 single-byte characters
REDIRECTREQUIRED	Flag to indicate whether you need to redirect the buyer back to PayPal after successfully completing the transaction. **NOTE:** Use this field only if you are using giropay or bank transfer payment methods in Germany.
SUCCESSPAGEREDIRECTREQUESTED	Flag to indicate whether you would like to redirect the buyer to sign up for PayPal after completing the transaction.

Field	Description
L_FMF*filterIDn* (*deprecated*)	Filter ID, including the *filter* type, (PENDING, REPORT, or DENY), the filter *ID*, and the entry number, *n*, starting from 0. Filter *ID* is one of the following values: • 1 – AVS No Match • 2 – AVS Partial Match • 3 – AVS Unavailable/Unsupported • 4 – Card Security Code (CSC) Mismatch • 5 – Maximum Transaction Amount • 6 – Unconfirmed Address • 7 – Country Monitor • 8 – Large Order Number • 9 – Billing/Shipping Address Mismatch • 10 – Risky ZIP Code • 11 – Suspected Freight Forwarder Check • 12 – Total Purchase Price Minimum • 13 – IP Address Velocity • 14 – Risky Email Address Domain Check • 15 – Risky Bank Identification Number (BIN) Check • 16 – Risky IP Address Range • 17 – PayPal Fraud Model This field is deprecated since version 63.0. Use L_PAYMENTINFO_0_FMF*filterIDn* instead.
L_FMF*filter*NAME*n* (*deprecated*)	Filter name, including the *filter* type, (PENDING, REPORT, or DENY), the filter *NAME*, and the entry number, *n*, starting from 0. This field is deprecated since version 63.0. Use L_PAYMENTINFO_0_FMF*filter*NAME*n* instead.

Payment Information Fields

When implementing parallel payments, up to 10 payment information type sets of payment information type parameter fields can be returned, each representing one payment you are hosting on your marketplace.

Field	Description
PAYMENTINFO_*n*_TRANSACTIONID TRANSACTIONID (*deprecated*)	Unique transaction ID of the payment. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. **NOTE:** If the PaymentAction of the request was Authorization or Order, this value is your AuthorizationID for use with the Authorization & Capture APIs. Character length and limitations: 19 single-byte characters TRANSACTIONID is deprecated since version 63.0. Use PAYMENTINFO_*n*_TRANSACTIONID instead.

Field	Description
PAYMENTINFO_*n*_TRANSACTIONTYPE TRANSACTIONTYPE *(deprecated)*	Type of transaction. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. It is one of the following values: • `cart` • `express-checkout` Character length and limitations: 15 single-byte characters `TRANSACTIONTYPE` is deprecated since version 63.0. Use `PAYMENTINFO_0_TRANSACTIONTYPE` instead.
PAYMENTINFO_*n*_PAYMENTTYPE PAYMENTTYPE *(deprecated)*	Indicates whether the payment is instant or delayed. It is one of the following values: You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. It is one of the following values: • `none` • `echeck` • `instant` Character length and limitations: 7 single-byte characters `PAYMENTTYPE` is deprecated since version 63.0. Use `PAYMENTINFO_0_PAYMENTTYPE` instead.
PAYMENTINFO_*n*_ORDERTIME ORDERTIME *(deprecated)*	Time/date stamp of payment. Character length and limitations: Date and time are in UTC/GMTformat, for example, `2011-06-24T05:38:48Z` `ORDERTIME` is deprecated since version 63.0. Use `PAYMENTINFO_0_ORDERTIME` instead.
PAYMENTINFO_*n*_AMT AMT *(deprecated)*	The final amount charged, including any shipping and taxes from your Merchant Profile. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). `AMT` is deprecated since version 63.0. Use `PAYMENTINFO_0_AMT` instead.
PAYMENTINFO_*n*_CURRENCYCODE CURRENCYCODE *(deprecated)*	A 3-character currency code. Default: USD. `CURRENCYCODE` is deprecated since version 63.0. Use `PAYMENTINFO_0_CURRENCYCODE` instead.
PAYMENTINFO_*n*_FEEAMT FEEAMT *(deprecated)*	PayPal fee amount charged for the transaction. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). `FEEAMT` is deprecated since version 63.0. Use `PAYMENTINFO_0_FEEAMT` instead.

Field	Description
`PAYMENTINFO_n_SETTLEAMT` `SETTLEAMT` *(deprecated)*	Amount deposited in your PayPal account after a currency conversion. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). `SETTLEAMT` is deprecated since version 63.0. Use `PAYMENTINFO_0_SETTLEAMT` instead.
`PAYMENTINFO_n_TAXAMT` `TAXAMT` *(deprecated)*	Tax charged on the transaction. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). `TAXAMT` is deprecated since version 63.0. Use `PAYMENTINFO_0_TAXAMT` instead.
`PAYMENTINFO_n_EXCHANGERATE` `EXCHANGERATE` *(deprecated)*	Exchange rate if a currency conversion occurred. Relevant only if your are billing in their non-primary currency. If the buyer chooses to pay with a currency other than the non-primary currency, the conversion occurs in the buyer's account. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: Decimal value that does not exceed 17 characters, including decimal point `EXCHANGERATE` is deprecated since version 63.0. Use `PAYMENTINFO_0_EXCHANGERATE` instead.

Field	Description
PAYMENTINFO_*n*_PAYMENTSTATUS PAYMENTSTATUS *(deprecated)*	The status of the payment. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. It is one of the following values: ● None – No status. ● Canceled-Reversal – A reversal has been canceled; for example, when you win a dispute and the funds for the reversal have been returned to you. ● Completed – The payment has been completed, and the funds have been added successfully to your account balance. ● Denied – You denied the payment. This happens only if the payment was previously pending because of possible reasons described for the PendingReason element. ● Expired – the authorization period for this payment has been reached. ● Failed – The payment has failed. This happens only if the payment was made from your buyer's bank account. ● In-Progress – The transaction has not terminated, e.g. an authorization may be awaiting completion. ● Partially-Refunded – The payment has been partially refunded. ● Pending – The payment is pending. See the PendingReason field for more information. ● Refunded – You refunded the payment. ● Reversed – A payment was reversed due to a chargeback or other type of reversal. The funds have been removed from your account balance and returned to the buyer. The reason for the reversal is specified in the ReasonCode element. ● Processed – A payment has been accepted. ● Voided – An authorization for this transaction has been voided. ● Completed-Funds-Held – The payment has been completed, and the funds have been added successfully to your pending balance. See the PAYMENTINFO_*n*_HOLDDECISION field for more information. PAYMENTSTATUS is deprecated since version 63.0. Use PAYMENTINFO_0_PAYMENTSTATUS instead.

Field	Description
PAYMENTINFO_*n*_PENDINGREASON PENDINGREASON *(deprecated)*	Reason the payment is pending. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. It is one of the following values: ● none – No pending reason. ● address – The payment is pending because your buyer did not include a confirmed shipping address and your Payment Receiving Preferences is set such that you want to manually accept or deny each of these payments. To change your preference, go to the Preferences section of your Profile. ● authorization – The payment is pending because it has been authorized but not settled. You must capture the funds first. ● echeck – The payment is pending because it was made by an eCheck that has not yet cleared. ● intl – The payment is pending because you hold a non-U.S. account and do not have a withdrawal mechanism. You must manually accept or deny this payment from your Account Overview. ● multi-currency – You do not have a balance in the currency sent, and you do not have your Payment Receiving Preferences set to automatically convert and accept this payment. You must manually accept or deny this payment. ● order – The payment is pending because it is part of an order that has been authorized but not settled. ● paymentreview – The payment is pending while it is being reviewed by PayPal for risk. ● unilateral – The payment is pending because it was made to an email address that is not yet registered or confirmed. ● verify – The payment is pending because you are not yet verified. You must verify your account before you can accept this payment. ● other – The payment is pending for a reason other than those listed above. For more information, contact PayPal customer service. **NOTE:** PendingReason is returned in the response only if PaymentStatus is Pending. PENDINGREASON is deprecated since version 63.0. Use PAYMENTINFO_0_PENDINGREASON instead.

Field	Description
PAYMENTINFO_*n*_REASONCODE REASONCODE *(deprecated)*	Reason for a reversal if TransactionType is reversal. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. It is one of the following values: ● none – No reason code. ● chargeback – A reversal has occurred on this transaction due to a chargeback by your buyer. ● guarantee – A reversal has occurred on this transaction due to your buyer triggering a money-back guarantee. ● buyer-complaint – A reversal has occurred on this transaction due to a complaint about the transaction from your buyer. ● refund – A reversal has occurred on this transaction because you have given the buyer a refund. ● other – A reversal has occurred on this transaction due to a reason not listed above. REASONCODE is deprecated since version 63.0. Use PAYMENTINFO_0_REASONCODE instead.
PAYMENTINFO_*n*_HOLDDECISION	Reason that this payment is being held. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. It is one of the following values: ● newsellerpaymenthold – This is a new merchant. ● paymenthold – A hold is placed on the merchant's transaction for a reason not listed. This field is available since version 71.0 and is returned only if PAYMENTINFO_*n*_PAYMENTSTATUS is Completed-Funds-Held.
PAYMENTINFO_*n*_PROTECTIONELIGIBILITY PROTECTIONELIGIBILITY *(deprecated)*	Prior to version 64.4, the kind of seller protection in force for the transaction. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. It is one of the following values: ● Eligible – Merchant is protected by PayPal's Seller Protection Policy for Unauthorized Payments and Item Not Received. ● PartiallyEligible – Merchant is protected by PayPal's Seller Protection Policy for Item Not Received. ● Ineligible – Merchant is not protected under the Seller Protection Policy. PROTECTIONELIGIBILITY is deprecated since version 63.0. Use PAYMENTINFO_0_PROTECTIONELIGIBILITY instead.
PAYMENTINFO_*n*_PROTECTIONELIGIBILITYTYPE	Since version 64.4, the kind of seller protection in force for the transaction. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. It is one of the following values: ● Eligible – Merchant is protected by PayPal's Seller Protection Policy for both Unauthorized Payment and Item Not Received ● ItemNotReceivedEligible – Merchant is protected by PayPal's Seller Protection Policy for Item Not Received ● UnauthorizedPaymentEligible – Merchant is protected by PayPal's Seller Protection Policy for Unauthorized Payment ● Ineligible – Merchant is not protected under the Seller Protection Policy This field is available since version 64.4.

Field	Description
PAYMENTINFO_*n*_EBAYI TEMAUCTIONTXNID EBAYITEMAUCTIONTXNI D *(deprecated)*	eBay transaction identification number. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 255 single-byte characters EBAYITEMAUCTIONTXNID is deprecated since version 63.0. Use PAYMENTINFO_0_EBAYITEMAUCTIONTXNID instead.
PAYMENTREQUEST_*n*_PA YMENTREQUESTID PAYMENTREQUESTID *(deprecated)*	Unique identifier of the specific payment request. The value should match the one you passed in the DoExpressCheckout request. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: Up to 127 single-byte characters PAYMENTREQUESTID is deprecated since version 63.0. Use PAYMENTINFO_0_PAYMENTREQUESTID instead.
L_PAYMENTINFO_*n*_FMF *filterIDm* L_FMF*filterIDn* *(deprecated)*	Filter ID, including the *filter* type, (PENDING, REPORT, or DENY), the filter *ID*, and the entry number, *m*, starting from 0. Filter *ID* is one of the following values: • 1 – AVS No Match • 2 – AVS Partial Match • 3 – AVS Unavailable/Unsupported • 4 – Card Security Code (CSC) Mismatch • 5 – Maximum Transaction Amount • 6 – Unconfirmed Address • 7 – Country Monitor • 8 – Large Order Number • 9 – Billing/Shipping Address Mismatch • 10 – Risky ZIP Code • 11 – Suspected Freight Forwarder Check • 12 – Total Purchase Price Minimum • 13 – IP Address Velocity • 14 – Risky Email Address Domain Check • 15 – Risky Bank Identification Number (BIN) Check • 16 – Risky IP Address Range • 17 – PayPal Fraud Model You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. L_FMF*filterIDn* is deprecated since version 63.0. Use L_PAYMENTINFO_*n*_FMFfilterID*n* instead.
L_PAYMENTINFO_*n*_FMF *filterNAMEm* L_FMF*filterNAMEn* *(deprecated)*	Filter name, including the *filter* type, (PENDING, REPORT, or DENY), the filter *NAME*, and the entry number, *m*, starting from 0. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. L_FMF*filterNAMEn* is deprecated since version 63.0. Use L_PAYMENTINFO_*n*_FMF*filterNAMEn* instead.

Payment Error Type Fields

Field	Description
PAYMENTREQUEST_*n*_SHORTMESSAGE	xs:string Payment error short message. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive.
PAYMENTREQUEST_*n*_LONGMESSAGE	xs:string Payment error long message. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive.
PAYMENTREQUEST_*n*_ERRORCODE	xs:string Payment error code. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive.
PAYMENTREQUEST_*n*_SEVERITYCODE	xs:string Payment error severity code. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive.
PAYMENTREQUEST_*n*_ACK	xs:string Application-specific error values indicating more about the error condition. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive.

UserSelectedOptions Fields

Field	Description
SHIPPINGCALCULATIONMODE	Describes how the options that were presented to the buyer were determined. It is one of the following values: • API - Callback • API - Flatrate
INSURANCEOPTIONSELECTED	The option that the buyer chose for insurance. It is one of the following values: • Yes – The buyer opted for insurance. • No – The buyer did not opt for insurance.
SHIPPINGOPTIONISDEFAULT	Indicates whether the buyer chose the default shipping option. It is one of the following values: • true – The buyer chose the default shipping option. • false – The buyer did not choose the default shipping option. Character length and limitations: true or false
SHIPPINGOPTIONAMOUNT	The shipping amount that the buyer chose. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
SHIPPINGOPTIONNAME	The name of the shipping option, such as air or ground.

Seller Details Type Fields

Field	Description
PAYMENTREQUEST_*n*_SELLER PAYPALACCOUNTID	Unique identifier for the merchant. For parallel payments, this field contains either the Payer Id or the email address of the merchant. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive. Character length and limitations: 127 single-byte alphanumeric characters
PAYMENTREQUEST_*n*_SECURE MERCHANTACCOUNTID	Unique PayPal customer account number (of the merchant). This field is returned in the response. It is ignored if passed in the request.

7   GetBalance API Operation

The `GetBalance` API Operation obtains the available balance for a PayPal account.

GetBalance Request Message

GetBalance Request Fields

Field	Description
METHOD	*(Required)* Must be `GetBalance`.
RETURNALLCURRENCIES	*(Optional)* Indicates whether to return all currencies. It is one of the following values: ● `0` – Return only the balance for the primary currency holding. ● `1` – Return the balance for each currency holding. **NOTE:** This field is availalble since `version 51`. Prior versions return only the balance for the primary currency holding.

GetBalance Response Message

GetBalance Response Fields

Field	Description
L_AMTn	Available balance and associated currency code for the primary currency holding.
L_CURRENCYCODEn	Currency code, such as USD, associated with the holding.

8 GetPalDetails API Operation

The `GetPalDetails` API operation obtains your Pal ID, which is the PayPal-assigned merchant account number, and other information about your account. You need the account number when working with dynamic versions of PayPal buttons and logos.

GetPalDetails Request Message

GetPalDetails Request Fields

Field	Description
METHOD	*(Required)* Must be `GetPalDetails`.

GetPalDetails Response Message

GetPalDetails Response Fields

Field	Description
PAL	PayPal-assigned merchant account number.

Field	Description
LOCALE	Country code representing the merchant's default locale. It is one of the following locales: • AU – Australia • AT – Austria • BE – Belgium • BR – Brazil • CA – Canada • CH – Switzerland • CN – China • DE – Germany • ES – Spain • GB – United Kingdom • FR – France • IT – Italy • NL – Netherlands • PL – Poland • PT – Portugal • RU – Russia • US – United States • The following 5-character codes are also supported for languages in specific countries: da_DK – Danish (for Denmark only) he_IL – Hebrew (all) id_ID – Indonesian (for Indonesia only) jp_JP – Japanese (for Japan only) no_NO – Norwegian (for Norway only) pt_BR – Brazilian Portuguese (for Portugal and Brazil only) ru_RU – Russian (for Lithuania, Latvia, and Ukraine only) sv_SE – Sweedish (for Sweden only) th_TH – Thai (for Thailand only) tr_TR – Turkish (for Turkey only) zh_CN – Simplified Chinese (for China only) zh_HK – Traditional Chinese (for Hong Kong only) zh_TW – Traditional Chinese (for Taiwan only) Character length and limitations: 2 single-byte characters

9 GetTransactionDetails API Operation

The GetTransactionDetails API operation obtains information about a specific transaction.

GetTransactionDetails Request Message

GetTransactionDetails Request Fields

Field	Description
METHOD	Must be GetTransactionDetails.
TRANSACTIONID	*(Required)* Unique identifier of a transaction.
	NOTE: The details for some kinds of transactions cannot be retrieved with GetTransactionDetails. You cannot obtain details of bank transfer withdrawals, for example.
	Character length and limitations: 17 single-byte alphanumeric characters

GetTransactionDetails Response Message

NOTE: All fields defined in the formal structure of GetTransactionDetailsResponse are not necessarily returned. Data are returned in a response only if PayPal has recorded data that corresponds to the field.

GetTransactionDetails Response Fields

Field	Description
SHIPPINGCALCULATION MODE	Describes how the options that were presented to the buyer were determined. It is one of the following values: ● Callback – Shipping option rates are based on the buyer's location. ● FlatRate – Shipping options are flat rates.
INSURANCEOPTIONSELE CTED	Whether the buyer selected the insurance option. It is one of the following values: ● true – The buyer selected Yes for the insurance option. ● false – The buyer did not select the insurance option. The option is No. The value true is returned if the buyer selected the option. Otherwise false is returned.
L_SHIPPINGOPTIONISD EFAULTn	Default shipping optio displayed on the PayPal pages. This field is required if you specify the Callback URL. It is one of the following values: ● true – This is the default flat-rate shipping option. PayPal displays this option by default. ● false – This flat-rate shipping option is not displayed as the default. **NOTE:** There must be ONE and ONLY ONE default. It is not OK to have no default.
L_SHIPPINGOPTIONNAM En	Internal name of the shipping option such as Air, Ground, Expedited, and so forth. This field is required if you specify the Callback URL. Character length and limitations: 50 character-string.
L_SHIPPINGOPTIONAMO UNTn	Amount of the flat rate shipping option. This field is required if you specify the Callback URL. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
GIFTMESSAGE	The gift message the buyer entered on the PayPal pages. Limitations: 100 single-byte characters
GIFTRECEIPTENABLE	Indicates whether a gift receipt widget is enabled on the PayPal pages. It is one of the following values: ● 0 – Do not enable gift receipt widget. ● 1 – Enable gift receipt widget.
GIFTWRAPNAME	Label for the gift wrap option such as "Blue box with ribbon". Limitations: 25 single-byte characters
GIFTWRAPAMOUNT	Amount to be charged to the buyer for the gift wrap. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).

Field	Description
BUYERMARKETINGEMAIL	The email address the buyer entered on the PayPal pages to be notified of promotions or special events. Limitations: 127 single-byte characters
SURVEYQUESTION	Text for the survey question on the PayPal pages. If the survey question is present, at least 2 survey answer options need to be present. Limitations: 50 single-byte characters
SURVEYCHOICESELECTE D	Survey response the buyer selected on the PayPal pages. Limitations: 15 single-byte characters

Receiver Information Fields

Field	Description
RECEIVEREMAIL	Primary email address of the payment recipient (the merchant). If you are the recipient of the payment and the payment is sent to your non-primary email address, the value of Receiver is still your primary email address. Character length and limitations: 127 single-byte alphanumeric characters
RECEIVERID	Unique account ID of the payment recipient (the merchant). This value is the same as the value of the recipient's referral ID.

Payer Information Fields

Field	Description
EMAIL	Email address of buyer. Character length and limitations: 127 single-byte characters
PAYERID	Unique PayPal Customer Account identification number. Character length and limitations:13 single-byte alphanumeric characters
PAYERSTATUS	Status of buyer. It is one of the following values: • verified • unverified Character length and limitations: 10 single-byte alphabetic characters
COUNTRYCODE	Buyer's country of residence in the form of ISO standard 3166 two-character country codes. Character length and limitations: 2 single-byte characters
PAYERBUSINESS	Buyer's business name. Character length and limitations: 127 single-byte characters

Payer Name Fields

Field	Description
SALUTATION	Buyer's salutation. Character length and limitations: 20 single-byte characters
FIRSTNAME	Buyer's first name. Character length and limitations: 25 single-byte characters
MIDDLENAME	Buyer's middle name. Character length and limitations: 25 single-byte characters
LASTNAME	Buyer's last name. Character length and limitations: 25 single-byte characters
SUFFIX	Buyer's suffix. Character length and limitations: 12 single-byte characters

Address Fields

Field	Description
ADDRESSOWNER	eBay company that maintains this address. It is one of the following values: ● eBay ● PayPal
ADDRESSSTATUS	Status of street address on file with PayPal. It is one of the following values: ● none ● Confirmed ● Unconfirmed
SHIPTONAME	Person's name associated with this address. Character length and limitations: 32 single-byte characters
SHIPTOSTREET	First street address. Character length and limitations: 100 single-byte characters
SHIPTOSTREET2	Second street address. Character length and limitations: 100 single-byte characters
SHIPTOCITY	Name of city. Character length and limitations: 40 single-byte characters
SHIPTOSTATE	State or province. Required for U.S. addresses only. Character length and limitations: 40 single-byte characters
SHIPTOZIP	U.S. ZIP code or other country-specific postal code. Character length and limitations: 20 single-byte characters

Field	Description
SHIPTOCOUNTRYCODE	Country code. Character length and limitations: 2 single-byte characters
SHIPTOPHONENUM	*(Optional)* Phone number. Character length and limitations: 20 single-byte characters

Payment Information Fields

Field	Description
TRANSACTIONID	Unique transaction ID of the payment. Character length and limitations: 17 single-byte characters
PARENTTRANSACTIONID	Parent or related transaction identification number. This value in this field is for the following transaction types: • Reversal – Capture of an authorized transaction. • Reversal – Reauthorization of a transaction. • Capture of an order – The value of `ParentTransactionID` is the original `OrderID`. • Authorization of an order – The value of `ParentTransactionID` is the original `OrderID`. • Capture of an order authorization. • Void of an order – The value of `ParentTransactionID` is the original `OrderID`. Character length and limitations: 16 digits in xxxx-xxxx-xxxx-xxxx format
RECEIPTID	Receipt identification number Character length and limitations: 16 digits in xxxx-xxxx-xxxx-xxxx format
TRANSACTIONTYPE	The type of transaction. It is one of the following values: • `cart` • `express-checkout` Character length and limitations:15 single-byte characters
PAYMENTTYPE	Indicates whether the payment is instant or delayed. It is one of the following values: • `none` • `echeck` • `instant` Character length and limitations: 7 single-byte characters
ORDERTIME	Time/date stamp of payment, Character length and limitations: Date and time are in UTC/GMTformat, for example, `2011-06-24T05:38:48Z`

Field	Description
AMT	The final amount charged, including any shipping and taxes from your Merchant Profile.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
CURRENCYCODE	A 3-character currency code.
FEEAMT	PayPal fee amount charged for the transaction.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
SETTLEAMT	Amount deposited in your PayPal account after a currency conversion.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
TAXAMT	Tax charged on the transaction.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
EXCHANGERATE	Exchange rate if a currency conversion occurred. Relevant only if your are billing in their non-primary currency. If the buyer chooses to pay with a currency other than the non-primary currency, the conversion occurs in the buyer's account.
	Character length and limitations: Decimal value that does not exceed 17 characters, including decimal point

Field	Description
PAYMENTSTATUS	Status of the payment. It is one of the following values: • None – No status • Canceled-Reversal– A reversal has been canceled, for example, when you win a dispute and the funds for the reversal have been returned to you. • Completed – The payment has been completed, and the funds have been added successfully to your account balance. • Denied – You denied the payment. This happens only if the payment was previously pending because of possible reasons described for the PendingReason element. • Expired – The authorization period for this payment has been reached. • Failed – The payment has failed. This happens only if the payment was made from your buyer's bank account. • In-Progress – The transaction has not terminated, for example, an authorization may be awaiting completion. • Partially-Refunded – The payment has been partially refunded. • Pending – The payment is pending. See the PendingReason field for more information. • Refunded – You refunded the payment. • Reversed – A payment was reversed due to a chargeback or other type of reversal. The funds have been removed from your account balance and returned to the buyer. The reason for the reversal is specified in the ReasonCode element. • Processed – A payment has been accepted. • Voided – An authorization for this transaction has been voided.

Field	Description
PENDINGREASON	The reason the payment is pending. It is one of the following values: ● none – No pending reason. ● address – The payment is pending because your buyer did not include a confirmed shipping address and your Payment Receiving Preferences is set such that you want to manually accept or deny each of these payments. To change your preference, go to the `Preferences` section of your `Profile`. ● authorization – The payment is pending because it has been authorized but not settled. You must capture the funds first. ● echeck – The payment is pending because it was made by an eCheck that has not yet cleared. ● intl – The payment is pending because you hold a non-U.S. account and do not have a withdrawal mechanism. You must manually accept or deny this payment from your `Account Overview`. ● multi-currency – You do not have a balance in the currency sent, and you do not have your `Payment Receiving Preferences` set to automatically convert and accept this payment. You must manually accept or deny this payment. ● order – The payment is pending because it is part of an order that has been authorized but not settled. ● paymentreview – The payment is pending while it is being reviewed by PayPal for risk. ● unilateral – The payment is pending because it was made to an email address that is not yet registered or confirmed. ● verify –The payment is pending because you are not yet verified. You must verify your account before you can accept this payment. ● other – The payment is pending for a reason other than those listed above. For more information, contact PayPal customer service. **NOTE:** PendingReason is returned in the response only if PaymentStatus is Pending.
REASONCODE	The reason for a reversal if the transaction type is reversal. It is one of the following values: ● none – No reason code. ● chargeback – A reversal has occurred on this transaction due to a chargeback by your buyer. ● guarantee – A reversal has occurred on this transaction due to your buyer triggering a money-back guarantee. ● buyer-complaint – A reversal has occurred on this transaction due to a complaint about the transaction from your buyer. ● refund – A reversal has occurred on this transaction because you have given the buyer a refund. ● other – A reversal has occurred on this transaction due to a reason not listed above.

Field	Description
PROTECTIONELIGIBILITY	Prior to version 64.4, the kind of seller protection in force for the transaction. It is one of the following values: • Eligible – Merchant is protected by PayPal's Seller Protection Policy for Unauthorized Payments and Item Not Received. • PartiallyEligible – Merchant is protected by PayPal's Seller Protection Policy for Item Not Received. • Ineligible – Merchant is not protected under the Seller Protection Policy.
PROTECTIONELIGIBILITYTYPE	Since version 64.4, the kind of seller protection in force for the transaction. It is one of the following values: • Eligible – Merchant is protected by PayPal's Seller Protection Policy for both Unauthorized Payment and Item Not Received. • ItemNotReceivedEligible – Merchant is protected by PayPal's Seller Protection Policy for Item Not Received. • UnauthorizedPaymentEligible – Merchant is protected by PayPal's Seller Protection Policy for Unauthorized Payment. • Ineligible – Merchant is not protected under the Seller Protection Policy. This field is introduced in API version 64.4.

Payment Item Information Fields

Field	Description
INVNUM	Invoice number you set in the original transaction. Character length and limitations: 127 single-byte alphanumeric characters
CUSTOM	Custom field you set in the original transaction. Character length and limitations: 127 single-byte alphanumeric characters
NOTE	Memo entered by your customer in PayPal Website Payments note field. Character length and limitations: 255 single-byte alphanumeric characters
SALESTAX	Amount of tax charged on payment.

Payment Item Fields

Field	Description
L_DESC*n*	Amount of tax charged on payment. These parameters must be ordered sequentially beginning with 0 (for example L_DESC0, L_DESC1).

Field	Description
L_NUMBER*n*	Item number set by you. If this was a shopping cart transaction, PayPal appends the number of the item to the HTML `item_number` variable, for example, `item_number1`, `item_number2`, and so forth.
	Character length and limitations: 127 single-byte alphanumeric characters
	These parameters must be ordered sequentially beginning with 0 (for example `L_NUMBER0`, `L_NUMBER1`).
L_QTY*n*	Quantity set by you or entered by the buyer.
	Character length and limitations: no limit
L_AMT*n*	Cost of item.
	These parameters must be ordered sequentially beginning with 0 (for example `L_AMT0`, `L_AMT1`).
L_OPTIONSNAME*n*	PayPal option names for an item in the shopping cart; each name corresponds to an option value. There can be multiple option names per item.
	The option names are ordered sequentially beginning with 0 (for example, `L_OPTIONSNAMES0`, `L_OPTIONSNAME1`).
L_OPTIONSVALUE*n*	PayPal option values corresponding to option names of an item in the shopping cart.
	The option names are ordered sequentially beginning with 0 (for example, `L_OPTIONSVALUE0`, `L_OPTIONSVALUE1`).
L_EBAYITEMTXNID	The eBay auction transaction ID of the itemthat you use to identify items that the buyer purchased.
	Character length and limitations: 255 single-byte characters

Auction Information Fields

Field	Description
BUYERID	Buyer's auction ID.
CLOSINGDATE	Auction's close date.
MULTIITEM	Counter used for multi-item auction payments.

Subscription Terms Fields

Field	Description
AMT	The amount subscriber is to be charged in one payment.
	Character length and limitations: No limit
PERIOD	The period of time that the subscriber is charged.
	Character length and limitations: No limit

10 ManagePendingTransactionStatus API Operation

The ManagePendingTransactionStatus API operation accepts or denys a pending transaction held by Fraud Management Filters.

ManagePendingTransactionStatus Request Message

ManagePendingTransactionStatus Request Fields

Field	Description
METHOD	*(Required)* Must be `ManagePendingTransactionStatus`.
TRANSACTIONID	*(Required)* The transaction ID of the payment transaction.
ACTION	*(Required)* The operation you want to perform on the transaction. It is one of the following values: • `Accept` – Accepts the payment • `Deny` – Rejects the payment

ManagePendingTransactionStatus Response Message

ManagePendingTransactionStatus Response Fields

Field	Description
TRANSACTIONID	The transaction ID of the transaction whose payment has been denied or accepted.
STATUS	Displays in the following message: "The Status of the transaction after running your action (accept/deny) is *TransactionStatus*." *TransactionStatus* is one of the following values: ● Pending ● Processing ● Completed ● Denied ● Reversed ● Display Only ● Partially Refunded ● Created Refunded

11 MassPay API Operation

The MassPay API operation makes a payment to one or more PayPal account holders.

MassPay Request Message

MassPay Request Fields

Field	Description
METHOD	*(Required)* Must be MassPay.
EMAILSUBJECT	*(Optional)* The subject line of the email that PayPal sends when the transaction completes. The subject line is the same for all recipients. Character length and limitations: 255 single-byte alphanumeric characters
CURRENCYCODE	Currency code. Character length and limitations: 3 single-byte characters
RECEIVERTYPE	*(Optional)* How you identify the recipients of payments in this call to MassPay. It is one of the following values: ● EmailAddress ● UserID

MassPay Response Message

MassPay Response Fields

The fields in the response are the standard response header fields.

12 Recurring Payments and Reference Transactions API Operations

The PayPal API includes the following API operations supporting recurring payments and reference transactions:

CreateRecurringPaymentsProfile API Operation

The `CreateRecurringPaymentsProfile` API operation creates a recurring payments profile.

You must invoke the `CreateRecurringPaymentsProfile` API operation for each profile you want to create. The API operation creates a profile and an associated billing agreement.

NOTE: There is a one-to-one correspondence between billing agreements and recurring payments profiles. To associate a recurring payments profile with its billing agreement, you must ensure that the description in the recurring payments profile matches the description of a billing agreement. For version 54.0 and later, use `SetExpressCheckout` to initiate creation of a billing agreement.

CreateRecurringPaymentsProfile Request Message

CreateRecurringPaymentsProfile Request Fields

Field	Description
METHOD	*(Required)* Must be `CreateRecurringPaymentsProfile`.
TOKEN	A timestamped token, the value of which was returned in the response to the first call to `SetExpressCheckout`. You can also use the token returned in the `SetCustomerBillingAgreement` response. Either this token or a credit card number is required. If you include both token and credit card number, the token is used and credit card number is ignored Call `CreateRecurringPaymentsProfile` once for each billing agreement included in `SetExpressCheckout` request and use the same token for each call. Each `CreateRecurringPaymentsProfile` request creates a single recurring payments profile. **NOTE:** Tokens expire after approximately 3 hours.

Recurring Payments Profile Details Fields

Field	Description
SUBSCRIBERNAME	*(Optional)* Full name of the person receiving the product or service paid for by the recurring payment. If not present, the name in the buyer's PayPal account is used. Character length and limitations: 32 single-byte characters
PROFILESTARTDATE	*(Required)* The date when billing for this profile begins. **NOTE:** The profile may take up to 24 hours for activation. Character length and limitations: Must be a valid date, in UTC/GMT format
PROFILEREFERENCE	*(Optional)* The merchant's own unique reference or invoice number. Character length and limitations: 127 single-byte alphanumeric characters

Schedule Details Fields

Field	Description
DESC	*(Required)* Description of the recurring payment. **NOTE:** You must ensure that this field matches the corresponding billing agreement description included in the SetExpressCheckout request. Character length and limitations: 127 single-byte alphanumeric characters
MAXFAILEDPAYMENTS	*(Optional)* Number of scheduled payments that can fail before the profile is automatically suspended. An IPN message is sent to the merchant when the specified number of failed payments is reached. Character length and limitations: Number string representing an integer
AUTOBILLOUTAMT	*(Optional)* Indicates whether you would like PayPal to automatically bill the outstanding balance amount in the next billing cycle. The outstanding balance is the total amount of any previously failed scheduled payments that have yet to be successfully paid. It is one of the following values: ● NoAutoBill – PayPal does not automatically bill the outstanding balance. ● AddToNextBilling – PayPal automatically bills the outstanding balance.

Billing Period Details Fields

Field	Description
BILLINGPERIOD	*(Required)* Unit for billing during this subscription period. It is one of the following values: • Day • Week • SemiMonth • Month • Year For SemiMonth, billing is done on the 1st and 15th of each month. **NOTE:** The combination of BillingPeriod and BillingFrequency cannot exceed one year.
BILLINGFREQUENCY	*(Required)* Number of billing periods that make up one billing cycle. The combination of billing frequency and billing period must be less than or equal to one year. For example, if the billing cycle is Month, the maximum value for billing frequency is 12. Similarly, if the billing cycle is Week, the maximum value for billing frequency is 52. **NOTE:** If the billing period is SemiMonth., the billing frequency must be 1.
TOTALBILLINGCYCLES	*(Optional)* Number of billing cycles for payment period. • For the regular payment period, if no value is specified or the value is 0, the regular payment period continues until the profile is canceled or deactivated. • For the regular payment period, if the value is greater than 0, the regular payment period will expire after the trial period is finished and continue at the billing frequency for TotalBillingCycles cycles.
AMT	*(Required)* Billing amount for each billing cycle during this payment period. This amount does not include shipping and tax amounts. **NOTE:** All amounts in the CreateRecurringPaymentsProfile request must have the same currency. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
TRIALBILLINGPERIOD	Unit for billing during this subscription period; required if you specify an optional trial period. It is one of the following values: • Day • Week • SemiMonth • Month • Year For SemiMonth, billing is done on the 1st and 15th of each month. **NOTE:** The combination of BillingPeriod and BillingFrequency cannot exceed one year.

Field	Description
TRIALBILLINGFREQUENCY	Number of billing periods that make up one billing cycle; required if you specify an optional trial period. The combination of billing frequency and billing period must be less than or equal to one year. For example, if the billing cycle is Month, the maximum value for billing frequency is 12. Similarly, if the billing cycle is Week, the maximum value for billing frequency is 52. **NOTE:** If the billing period is SemiMonth., the billing frequency must be 1.
TRIALTOTALBILLINGCYCLES	*(Optional)* Number of billing cycles for trial payment period.
TRIALAMT	Billing amount for each billing cycle during this payment period; required if you specify an optional trial period. This amount does not include shipping and tax amounts. **NOTE:** All amounts in the CreateRecurringPaymentsProfile request must have the same currency. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
CURRENCYCODE	*(Required)* Currency code (default is USD). Character length and limitations: 3 single-byte characters
SHIPPINGAMT	*(Optional)* Shipping amount for each billing cycle during this payment period. **NOTE:** All amounts in the request must have the same currency. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
TAXAMT	*(Optional)* Taxamount for each billing cycle during this payment period. **NOTE:** All amounts in the request must have the same currency. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).

Actvation Details Fields

Field	Description
INITAMT	*(Optional)* Initial non-recurring payment amount due immediately upon profile creation. Use an initial amount for enrolment or set-up fees. **NOTE:** All amounts included in the request must have the same currency. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
FAILEDINITAMTACTION	*(Optional)* Action you can specify when a payment fails. It is one of the following values: ● ContinueOnFailure – By default, PayPal suspends the pending profile in the event that the initial payment amount fails. You can override this default behavior by setting this field to ContinueOnFailure. Then, if the initial payment amount fails, PayPal adds the failed payment amount to the outstanding balance for this recurring payment profile. When you specify ContinueOnFailure, a success code is returned to you in the CreateRecurringPaymentsProfile response and the recurring payments profile is activated for scheduled billing immediately. You should check your IPN messages or PayPal account for updates of the payment status. ● CancelOnFailure – If this field is not set or you set it to CancelOnFailure, PayPal creates the recurring payment profile, but places it into a pending status until the initial payment completes. If the initial payment clears, PayPal notifies you by IPN that the pending profile has been activated. If the payment fails, PayPal notifies you by IPN that the pending profile has been canceled.

Ship To Address Fields

Field	Description
SHIPTONAME	Person's name associated with this shipping address. It is required if using a shipping address. Character length and limitations: 32 single-byte characters
SHIPTOSTREET	First street address. It is required if using a shipping address. Character length and limitations: 100 single-byte characters
SHIPTOSTREET2	*(Optional)* Second street address. Character length and limitations: 100 single-byte characters
SHIPTOCITY	Name of city. It is required if using a shipping address. Character length and limitations: 40 single-byte characters
SHIPTOSTATE	State or province. It is required if using a shipping address. Character length and limitations: 40 single-byte characters

Field	Description
SHIPTOZIP	U.S. ZIP code or other country-specific postal code. It is required if using a U.S. shipping address; may be required for other countries. Character length and limitations: 20 single-byte characters
SHIPTOCOUNTRY	Country code. It is required if using a shipping address. Character length and limitations: 2 single-byte characters
SHIPTOPHONENUM	*(Optional)* Phone number. Character length and limitations: 20 single-byte characters

Credit Card Details Fields

Field	Description
CREDITCARDTYPE	*(Optional)* Type of credit card. For UK, only `Maestro`, `MasterCard`, `Discover`, and `Visa` are allowable. For Canada, only `MasterCard` and `Visa` are allowable and Interac debit cards are not supported. It is one of the following values: • `Visa` • `MasterCard` • `Discover` • `Amex` • `Maestro`: See note. **NOTE:** If the credit card type is `Maestro`, you must set `CURRENCYCODE` to `GBP`. In addition, you must specify either `STARTDATE` or `ISSUENUMBER`. Character length and limitations: Up to 10 single-byte alphabetic characters
ACCT	*(Required)* Credit card number. Character length and limitations: Numeric characters only with no spaces or punctutation. The string must conform with modulo and length required by each credit card type.
EXPDATE	Credit card expiration date. This field is required if you are using recurring payments with direct payments. Character length and limitations: 6 single-byte alphanumeric characters, including leading zero, in the format MMYYYY
CVV2	Card Verification Value, version 2. Your Merchant Account settings determine whether this field is required. To comply with credit card processing regulations, you must not store this value after a transaction has been completed. Character length and limitations: For Visa, MasterCard, and Discover, the value is exactly 3 digits. For American Express, the value is exactly 4 digits.
STARTDATE	*(Optional)* Month and year that Maestro card was issued. Character length and limitations: Must be 6 digits, including leading zero, in the format MMYYYY
ISSUENUMBER	*(Optional)* Issue number of Maestro card. Character length and limitations: 2 numeric digits maximum

Payer Information Fields

Field	Description
EMAIL	*(Required)* Email address of buyer. Character length and limitations: 127 single-byte characters
PAYERID	*(Optional)* Unique PayPal Customer Account identification number. Character length and limitations:13 single-byte alphanumeric characters
PAYERSTATUS	*(Optional)* Status of buyer. It is one of the following values: ● verified ● unverified Character length and limitations: 10 single-byte alphabetic characters
COUNTRYCODE	*(Optional)* Buyer's country of residence in the form of ISO standard 3166 two-character country codes. Character length and limitations: 2 single-byte characters
BUSINESS	*(Optional)* Buyer's business name. Character length and limitations: 127 single-byte characters

Payer Name Fields

Field	Description
SALUTATION	*(Optional)* Buyer's salutation. Character length and limitations: 20 single-byte characters
FIRSTNAME	*(Optional)* Buyer's first name. Character length and limitations: 25 single-byte characters
MIDDLENAME	*(Optional)* Buyer's middle name. Character length and limitations: 25 single-byte characters
LASTNAME	*(Optional)* Buyer's last name. Character length and limitations: 25 single-byte characters
SUFFIX	*(Optional)* Buyer's suffix. Character length and limitations: 12 single-byte characters

Address Fields

Field	Description
STREET	*(Required)* First street address. Character length and limitations: 100 single-byte characters
STREET2	*(Optional)* Second street address. Character length and limitations: 100 single-byte characters

Field	Description
CITY	*(Required)* Name of city. Character length and limitations: 40 single-byte characters
STATE	*(Required)* State or province. Character length and limitations: 40 single-byte characters
COUNTRYCODE	*(Required)* Country code. Character length and limitationst: 2 single-byte characters
ZIP	*(Required)* U.S. ZIP code or other country-specific postal code. Character length and limitations: 20 single-byte characters
SHIPTOPHONENUM	*(Optional)* Phone number. Character length and limitations: 20 single-byte characters

Payment Details Item Fields

Field	Description
L_PAYMENTREQUEST_n_ITEMCATEGORYm	Indicates whether the item is digital or physical. For digital goods, this field is required and must be set to Digital to get the best rates. Is one of the following values. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_ITEMCATEGORY0, L_PAYMENTREQUEST_n_ITEMCATEGORY1). Is one of the following values: ● Digital ● Physical This field is introduced in version 69.0.
L_PAYMENTREQUEST_n_NAMEm	Item name. This field is required when ItemCategory is passed. Item name. This field is required when L_PAYMENTREQUEST_n_ITEMCATEGORYm is passed. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_NAME0, L_PAYMENTREQUEST_n_NAME1). Character length and limitations: 127 single-byte characters This field is introduced in version 69.0.
L_PAYMENTREQUEST_n_DESCm	*(Optional)* Item description. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_DESC0, L_PAYMENTREQUEST_n_DESC1). Character length and limitations: 127 single-byte characters This field is introduced in version 69.0.

Field	Description
L_PAYMENTREQUEST_n_AMTm	Cost of item. This field is required when `ItemCategory` is passed.
	Cost of item. This field is required when L_PAYMENTREQUEST_n_ITEMCATEGORYm is passed. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_AMT0, L_PAYMENTREQUEST_n_AMT1).
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
	This field is introduced in version 69.0.
L_PAYMENTREQUEST_n_NUMBERm	*(Optional)* Item number. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_NUMBER0, L_PAYMENTREQUEST_n_NUMBER1).
	Character length and limitations: 127 single-byte characters
	This field is introduced in version 69.0.
L_PAYMENTREQUEST_n_QTYm	Item quantity. This field is required when `ItemCategory` is passed.
	Item quantity. This field is required when L_PAYMENTREQUEST_n_ITEMCATEGORYm is passed. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_QTY0, L_PAYMENTREQUEST_n_QTY1).
	Character length and limitations: Any positive integer
	This field is introduced in version 69.0.
L_PAYMENTREQUEST_n_TAXAMTm	*(Optional)* Item sales tax. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_TAXAMT0, L_PAYMENTREQUEST_n_TAXAMT1).
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
	This field is introduced in version 69.0.

CreateRecurringPaymentsProfile Response Message

CreateRecurringPaymentsProfile Response Fields

Field	Description
PROFILEID	A unique identifier for future reference to the details of this recurring payment.
	Character length and limitations: Up to 14 single-byte alphanumeric characters.

Field	Description
PROFILESTATUS	Status of the recurring payment profile. • `ActiveProfile` – The recurring payment profile has been successfully created and activated for scheduled payments according the billing instructions from the recurring payments profile. • `PendingProfile` – The system is in the process of creating the recurring payment profile. Please check your IPN messages for an update.

GetRecurringPaymentsProfileDetails API Operation

The `GetRecurringPaymentsProfileDetails` API operation obtains information about a recurring payments profile.

GetRecurringPaymentsProfileDetails Request Message

GetRecurringPaymentsProfileDetails Request Fields

Field	Description
METHOD	*(Required)* Must be `GetRecurringPaymentsProfileDetails`.
PROFILEID	*(Required)* Recurring payments profile ID returned in the `CreateRecurringPaymentsProfile` response. 19-character profile IDs are supported for compatibility with previous versions of the PayPal API. Character length and limitations: 14 single-byte alphanumeric characters

GetRecurringPaymentsProfileDetails Response Message

GetRecurringPaymentsProfileDetails Response Fields

Field	Description
PROFILEID	Recurring payments profile ID returned in the `CreateRecurringPaymentsProfile` response.

Field	Description
STATUS	Status of the recurring payment profile. It is one of the following values: • `Active` • `Pending` • `Cancelled` • `Suspended` • `Expired`
DESC	Description of the recurring payment. Character length and limitations: 127 single-byte alphanumeric characters
AUTOBILLOUTAMT	Indicates whether you would like PayPal to automatically bill the outstanding balance amount in the next billing cycle. The outstanding balance is the total amount of any previously failed scheduled payments that have yet to be successfully paid. It is one of the following values: • `NoAutoBill` – PayPal does not automatically bill the outstanding balance amount. • AddToNextBilling – PayPal automatically bills the outstanding balance amount.
MAXFAILEDPAYMENTS	Number of scheduled payments that can fail before the profile is automatically suspended. Character length and limitations: Number string representing an integer
AGGREGATEAMOUNT	Total amount collected thus far for scheduled payments. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
AGGREGATEOPTIONALAMOUNT	Total amount collected thus far for optional payments. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
FINALPAYMENTDUEDATE	Final scheduled payment due date before the profile expires.

Recurring Payments Profile Details Fields

Field	Description
SUBSCRIBERNAME	Full name of the person receiving the product or service paid for by the recurring payment. If not present, the name in the buyer's PayPal account is used. Character length and limitations: 32 single-byte characters.
PROFILESTARTDATE	The date when billing for this profile begins. Must be a valid date, in UTC/GMT format. **NOTE:** The profile may take up to 24 hours for activation.

Field	Description
PROFILEREFERENCE	The merchant's own unique reference or invoice number. Character length and limitations: 127 single-byte alphanumeric characters.

Ship To AddressType Fields

Field	Description
ADDRESSSTATUS	Status of street address on file with PayPal. It is one of the following values: • none • Confirmed • Unconfirmed
SHIPTONAME	Person's name associated with this address. Character length and limitations: 32 single-byte characters
SHIPTOSTREET	First street address. Character length and limitations: 100 single-byte characters
SHIPTOSTREET2	Second street address. Character length and limitations: 100 single-byte characters
SHIPTOCITY	Name of city. Character length and limitations: 40 single-byte characters
SHIPTOSTATE	State or province. Required for U.S. addresses only. Character length and limitations: 40 single-byte characters
SHIPTOZIP	U.S. ZIP code or other country-specific postal code. Character length and limitations: 20 single-byte characters
SHIPTOCOUNTRYCODE	Country code. Character length and limitations: 2 single-byte characters

Billing Period Details Fields

Field	Description
BILLINGPERIOD	Unit for billing during this subscription period. It is one of the following values: • Day • Week • SemiMonth • Month • Year For SemiMonth, billing is done on the 1st and 15th of each month. **NOTE:** The combination of BillingPeriod and BillingFrequency cannot exceed one year.

Field	Description
REGULARBILLINGPERIOD	Unit for billing during this regular subscription period. It is one of the following values: ● `Day` ● `Week` ● `SemiMonth` ● `Month` ● `Year` For `SemiMonth`, billing is done on the 1st and 15th of each month. **NOTE:** The combination of `RegularBillingPeriod` and `RegularBillingFrequency` cannot exceed one year. This field is available since version 53.0.
BILLINGFREQUENCY	Number of billing periods that make up one billing cycle. The combination of billing frequency and billing period must be less than or equal to one year. For example, if the billing cycle is `Month`, the maximum value for billing frequency is 12. Similarly, if the billing cycle is `Week`, the maximum value for billing frequency is 52. **NOTE:** If the billing period is `SemiMonth`., the billing frequency must be 1.
REGULARBILLINGFREQUENCY	Number of billing periods that make up one regular billing cycle. The combination of billing frequency and billing period must be less than or equal to one year. For example, if the billing cycle is `Month`, the maximum value for billing frequency is 12. Similarly, if the billing cycle is `Week`, the maximum value for billing frequency is 52. **NOTE:** If the billing period is `SemiMonth`., the billing frequency must be 1. This field is available since version 53.0.
TOTALBILLINGCYCLES	Number of billing cycles for payment period (either the regular payment period or the trial period). ● For the trial period, the value must be greater than 0. ● For the regular payment period, if no value is specified or the value is 0, the regular payment period continues until the profile is canceled or deactivated. ● For the regular payment period, if the value is greater than 0, the regular payment period will expire after the trial period is finished and continue at the billing frequency for `TotalBillingCycles` cycles.
REGULARTOTALBILLINGCYCLES	Number of billing cycles for the regular payment period. ● For the regular payment period, if no value is specified or the value is 0, the regular payment period continues until the profile is canceled or deactivated. ● For the regular payment period, if the value is greater than 0, the regular payment period will expire after the trial period is finished and continue at the billing frequency for `RegularTotalBillingCycles` cycles. This field is available since version 53.0.

Field	Description
AMT	Billing amount for each billing cycle during this payment period. This amount does not include shipping and tax amounts. **NOTE:** All amounts in the `CreateRecurringPaymentsProfile` request must have the same currency. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
REGULARAMT	Billing amount for each billing cycle during this regular payment period. This amount does not include shipping and tax amounts. **NOTE:** All amounts in the `CreateRecurringPaymentsProfile` request must have the same currency. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). This field is available since version 53.0.
SHIPPINGAMT	Shipping amount for each billing cycle during this payment period. **NOTE:** All amounts in the request must have the same currency. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
REGULARSHIPPINGAMT	Shipping amount for each billing cycle during this regular payment period. **NOTE:** All amounts in the request must have the same currency. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). This field is available since version 53.0.
TAXAMT	Tax amount for each billing cycle during this payment period. **NOTE:** All amounts in the request must have the same currency. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).

Field	Description
REGULARTAXAMT	Tax amount for each billing cycle during this regular payment period.
	NOTE: All amounts in the request must have the same currency.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
	This field is available since version 53.0.
CURRENCYCODE	*(Required)* Currency code (default is USD).
	Character length and limitations: 3 single-byte characters
REGULARCURRENCYCODE	*(Required)* Currency code (default is USD).
	This field is available since version 53.0.

Recurring Payments Summary Details Fields

Field	Description
NEXTBILLINGDATE	The next scheduled billing date, in YYYY-MM-DD format.
NUMCYCYLESCOMPLETED	The number of billing cycles completed in the current active subscription period. A billing cycle is considered completed when payment is collected or after retry attempts to collect payment for the current billing cycle have failed.
NUMCYCLESREMAINING	The number of billing cycles remaining in the current active subscription period.
OUTSTANDINGBALANCE	The current past due or outstanding balance for this profile.
	Character length and limitations: Does not exceed $10,000 USD in any currency. No currency symbol. Regardless of currency, decimal separator is a period (.), and the optional thousands separator is a comma (,). Equivalent to nine characters maximum for USD.
FAILEDPAYMENTCOUNT	The total number of failed billing cycles for this profile.
LASTPAYMENTDATE	The date of the last successful payment received for this profile, in YYYY-MM-DD format.
LASTPAYMENTAMT	The amount of the last successful payment received for this profile.
	Character length and limitations: Does not exceed $10,000 USD in any currency. No currency symbol. Regardless of currency, decimal separator is a period (.), and the optional thousands separator is a comma (,). Equivalent to nine characters maximum for USD.

Credit Card Details Fields

Field	Description
CREDITCARDTYPE	Type of credit card. Is one of the following values: • Visa • MasterCard • Discover • Amex • Maestro – See note. **NOTE:** If the credit card type is Maestro, you must set the currencyId to GBP. In addition, you must specify either StartMonth and StartYear or IssueNumber. Character length and limitations: Up to 10 single-byte alphabetic characters
ACCT	Credit card number. Only the last 4 digits of the credit card number are returned. Character length and limitations: Numeric characters only with no spaces or punctutation. The string must conform with modulo and length required by each credit card type.
EXPDATE	Credit card expiration date. This field is required if you are using recurring payments with direct payments. Character length and limitations: 6 single-byte alphanumeric characters, including leading zero, in the format MMYYYY
STARTDATE	Month and year that Maestro card was issued. Character length and limitations: Must be 6 digits, including leading zero, in the format MMYYYY
ISSUENUMBER	Issue number of Maestro card. Character length and limitations: 2 numeric digits

Payer Info Fields

Field	Description
EMAIL	Email address of buyer. Character length and limitations: 127 single-byte characters
FIRSTNAME	Buyer's first name. Character length and limitations: 25 single-byte characters
LASTNAME	Buyer's last name. Character length and limitations: 25 single-byte characters

Address Fields

Field	Description
ADDRESSOWNER	eBay company that maintains this address. It is one of the following values: • eBay • PayPal
ADDRESSSTATUS	Status of street address on file with PayPal. It is one of the following values: • none • Confirmed • Unconfirmed
SHIPTONAME	Person's name associated with this address. Character length and limitations: 32 single-byte characters
SHIPTOSTREET	First street address. Character length and limitations: 100 single-byte characters
SHIPTOSTREET2	Second street address. Character length and limitations: 100 single-byte characters
SHIPTOCITY	Name of city. Character length and limitations: 40 single-byte characters
SHIPTOSTATE	State or province. Required for U.S. addresses only. Character length and limitations: 40 single-byte characters
SHIPTOZIP	U.S. ZIP code or other country-specific postal code. Character length and limitations: 20 single-byte characters
SHIPTOCOUNTRYCODE	Country code. Character length and limitations: 2 single-byte characters
SHIPTOPHONENUM	*(Optional)* Phone number. Character length and limitations: 20 single-byte characters

ManageRecurringPaymentsProfileStatus API Operation

The `ManageRecurringPaymentsProfileStatus` API operation cancels, suspends, or reactivates a recurring payments profile.

ManageRecurringPaymentsProfileStatus Request Message

ManageRecurringPaymentsProfileStatus Request Fields

Field	Description
METHOD	*(Required)* Must be `ManageRecurringPaymentsProfileStatus`.
PROFILEID	*(Required)* Recurring payments profile ID returned in the `CreateRecurringPaymentsProfile` response. Character length and limitations: 14 single-byte alphanumeric characters. 19 character profile IDs are supported for compatibility with previous versions of the PayPal API.
ACTION	*(Required)* The action to be performed to the recurring payments profile. Must be one of the following: ● `Cancel` – Only profiles in Active or Suspended state can be canceled. ● `Suspend` – Only profiles in Active state can be suspended. ● `Reactivate` – Only profiles in a suspended state can be reactivated.
NOTE	*(Optional)* The reason for the change in status. For profiles created using Express Checkout, this message is included in the email notification to the buyer when the status of the profile is successfully changed, and can also be seen by both you and the buyer on the Status History page of the PayPal account.

ManageRecurringPaymentsProfileStatus Response Message

ManageRecurringPaymentsProfileStatus Response Fields

Field	Description
PROFILEID	Recurring payments profile ID returned in the `CreateRecurringPaymentsProfile` response. For each action, an error is returned if the recurring payments profile has a status that is not compatible with the action. Errors are returned in the following cases: ● `Cancel` – Profile status is not Active or Suspended. ● `Suspend` – Profile status is not Active. ● `Reactivate` – Profile status is not Suspended.

BillOutstandingAmount API Operation

The BillOutstandingAmount API operation bills the buyer for the outstanding balance associated with a recurring payments profile.

BillOutstandingAmount Request Message

BillOutstandingAmount Request Fields

Field	Description
METHOD	(Required) Must be `BillOutstandingAmount`.
PROFILEID	*(Required)* Recurring payments profile ID returned in the `CreateRecurringPaymentsProfile` response.
	NOTE: The profile must have a status of either `Active` or `Suspended`.
	Character length and limitations: 14 single-byte alphanumeric characters. 19 character profile IDs are supported for compatibility with previous versions of the PayPal API.
AMT	*(Optional)* The amount to bill. The amount must be less than or equal to the current outstanding balance of the profile. If no value is specified, PayPal attempts to bill the entire outstanding balance amount.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
NOTE	*(Optional)* The reason for the non-scheduled payment. For profiles created using Express Checkout, this message is included in the email notification to the buyer for the non-scheduled payment transaction, and can also be seen by both you and the buyer on the Status History page of the PayPal account.

BillOutstandingAmount Response Message

BillOutstandingAmount Response Fields

Field	Description
PROFILEID	Recurring payments profile ID returned in the `CreateRecurringPaymentsProfile` response. An error is returned if the profile specified in the `BillOutstandingAmount` request has a status of `canceled` or `expired`.

UpdateRecurringPaymentsProfile API Operation

The UpdateRecurringPaymentsProfile API operation updates a recurring payments profile.

UpdateRecurringPaymentsProfile Request Message

UpdateRecurringPaymentsProfile Request Fields

Field	Description
METHOD	*(Required)* Must be `UpdateRecurringPaymentsProfile`.
PROFILEID	*(Required)* Recurring payments profile ID returned in the `CreateRecurringPaymentsProfile` response. Character length and limitations: 14 single-byte alphanumeric characters. 19 character profile IDs are supported for compatibility with previous versions of the PayPal API.
NOTE	*(Optional)* The reason for the update to the recurring payments profile. This message is included in the email notification to the buyer for the recurring payments profile update. This note can also be seen by both you and the buyer on the Status History page of the PayPal account.
DESC	*(Optional)* Description of the recurring payment. Character length and limitations: 127 single-byte alphanumeric characters
SUBSCRIBERNAME	*(Optional)* Full name of the person receiving the product or service paid for by the recurring payment. If not present, the name in the buyer's PayPal account is used. Character length and limitations: 32 single-byte characters
PROFILEREFERENCE	*(Optional)* The merchant's own unique reference or invoice number. Character length and limitations: 127 single-byte alphanumeric characters
ADDITIONALBILLINGCYCLES	*(Optional)* The number of additional billing cycles to add to this profile.
AMT	*(Optional)* Billing amount for each cycle in the subscription period, not including shipping and tax amounts. **NOTE:** For recurring payments with Express Checkout, the payment amount can be increased by no more than 20% every 180 days (starting when the profile is created). Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).

Field	Description
SHIPPINGAMT	*(Optional)* Shipping amount for each billing cycle during the regular payment period.
	NOTE: All amounts in the request must have the same currency.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
TAXAMT	*(Optional)* Tax amount for each billing cycle during the regular payment period.
	NOTE: All amounts in the request must have the same currency.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
OUTSTANDINGAMT	*(Optional)* The current past due or outstanding amount for this profile. You can only decrease the outstanding amount. It cannot be increased.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
AUTOBILLOUTAMT	*(Optional)* This field indicates whether you would like PayPal to automatically bill the outstanding balance amount in the next billing cycle. It is one of the following values:
	● `NoAutoBill` – PayPal does not automatically bill the outstanding balance.
	● `AddToNextBilling` – PayPal automatically bills the outstanding balance
MAXFAILEDPAYMENTS	*(Optional)* The number of failed payments allowed before the profile is automatically suspended. The specified value cannot be less than the current number of failed payments for this profile.
	Character length and limitations: Number string representing an integer
PROFILESTARTDATE	*(Optional)* The date when billing for this profile begins.
	NOTE: The profile may take up to 24 hours for activation.
	Character length and limitations: Must be a valid date, in UTC/GMT format

Ship To Address Fields

Field	Description
SHIPTONAME	Person's name associated with this shipping address. It is required if using a shipping address.
	Character length and limitations: 32 single-byte characters
SHIPTOSTREET	First street address. It is required if using a shipping address.
	Character length and limitations: 100 single-byte characters

Field	Description
SHIPTOSTREET2	*(Optional)* Second street address. Character length and limitations: 100 single-byte characters
SHIPTOCITY	Name of city. It is required if using a shipping address. Character length and limitations: 40 single-byte characters
SHIPTOSTATE	State or province. It is required if using a shipping address. Character length and limitations: 40 single-byte characters
SHIPTOZIP	U.S. ZIP code or other country-specific postal code. It is required if using a U.S. shipping address; may be required for other countries. Character length and limitations: 20 single-byte characters
SHIPTOCOUNTRY	Country code. It is required if using a shipping address. Character length and limitations: 2 single-byte characters
SHIPTOPHONENUM	*(Optional)* Phone number. Character length and limitations: 20 single-byte characters

Billing Period Details Fields

Field	Description
TOTALBILLINGCYCLES	*(Optional)* Number of billing cycles for payment period. ● For the regular payment period, if no value is specified or the value is 0, the regular payment period continues until the profile is canceled or deactivated. ● For the regular payment period, if the value is greater than 0, the regular payment period will expire after the trial period is finished and continue at the billing frequency for TotalBillingCycles cycles.
AMT	*(Required)* Billing amount for each billing cycle during this payment period. This amount does not include shipping and tax amounts. **NOTE:** All amounts in the CreateRecurringPaymentsProfile request must have the same currency. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
TRIALTOTALBILLINGCYCLES	*(Optional)* Number of billing cycles for trial payment period.

Field	Description
TRIALAMT	Billing amount for each billing cycle during this payment period; required if you specify an optional trial period. This amount does not include shipping and tax amounts. **NOTE:** All amounts in the `CreateRecurringPaymentsProfile` request must have the same currency. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
CURRENCYCODE	*(Required)* Currency code (default is USD). Character length and limitations: 3 single-byte characters
SHIPPINGAMT	*(Optional)* Shipping amount for each billing cycle during this payment period. **NOTE:** All amounts in the request must have the same currency. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
TAXAMT	*(Optional)* Tax amount for each billing cycle during this payment period. **NOTE:** All amounts in the request must have the same currency. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).

Credit Card Details Fields

Field	Description
CREDITCARDTYPE	*(Optional)* Type of credit card. For UK, only `Maestro`, `MasterCard`, `Discover`, and `Visa` are allowable. For Canada, only `MasterCard` and `Visa` are allowable and Interac debit cards are not supported. It is one of the following values: • `Visa` • `MasterCard` • `Discover` • `Amex` • `Maestro`: See note. **NOTE:** If the credit card type is `Maestro`, you must set `CURRENCYCODE` to GBP. In addition, you must specify either `STARTDATE` or `ISSUENUMBER`. Character length and limitations: Up to 10 single-byte alphabetic characters

Field	Description
ACCT	*(Required)* Credit card number. Character length and limitations: Numeric characters only with no spaces or punctutation. The string must conform with modulo and length required by each credit card type.
EXPDATE	Credit card expiration date. This field is required if you are using recurring payments with direct payments. Character length and limitations: 6 single-byte alphanumeric characters, including leading zero, in the format MMYYYY
CVV2	Card Verification Value, version 2. Your Merchant Account settings determine whether this field is required. To comply with credit card processing regulations, you must not store this value after a transaction has been completed. Character length and limitations: For Visa, MasterCard, and Discover, the value is exactly 3 digits. For American Express, the value is exactly 4 digits.
STARTDATE	*(Optional)* Month and year that Maestro card was issued. Character length and limitations: Must be 6 digits, including leading zero, in the format MMYYYY
ISSUENUMBER	*(Optional)* Issue number of Maestro card. Character length and limitations: 2 numeric digits maximum

Payer Information Fields

Field	Description
EMAIL	*(Optional)* Email address of buyer. Character length and limitations: 127 single-byte characters
FIRSTNAME	*(Required)* Buyer's first name. Character length and limitations: 25 single-byte characters
LASTNAME	*(Required)* Buyer's last name. Character length and limitations: 25 single-byte characters

Address Fields

Field	Description
STREET	*(Required)* First street address. Character length and limitations: 100 single-byte characters
STREET2	*(Optional)* Second street address. Character length and limitations: 100 single-byte characters
CITY	*(Required)* Name of city. Character length and limitations: 40 single-byte characters

Field	Description
STATE	*(Required)* State or province. Character length and limitations: 40 single-byte characters
COUNTRYCODE	*(Required)* Country code. Character length and limitationst: 2 single-byte characters
ZIP	*(Required)* U.S. ZIP code or other country-specific postal code. Character length and limitations: 20 single-byte characters
SHIPTOPHONENUM	*(Optional)* Phone number. Character length and limitations: 20 single-byte characters

UpdateRecurringPaymentsProfile Response Message

UpdateRecurringPaymentsProfile Response Fields

Field	Description
PROFILEID	Recurring payments profile ID returned in the `CreateRecurringPaymentsProfile` response. An error is returned if the profile specified in the `BillOutstandingAmount` request has a status of `canceled` or `expired`.

SetCustomerBillingAgreement API Operation

The SetCustomerBillingAgreement API operation initiates the creation of a billing agreement.

NOTE: If you are using Express Checkout with version 54.0 or later of the API, do not use the SetCustomerBillingAgreement API operation to set up a billing agreement. Use the SetExpressCheckout API operation instead.

SetCustomerBillingAgreement Request Message

SetCustomerBillingAgreement Request Fields

Field	Description
METHOD	*(Required)* Must be SetCustomerBillingAgreement.
RETURNURL	*(Required)* URL to which the buyer's browser is returned after choosing to pay with PayPal.
	NOTE: PayPal recommends that the value be the final review page on which the buyer confirms the billing agreement.
	Character length and limitations: no limit
CANCELURL	*(Required)* URL to which the customer is returned if he does not approve the use of PayPal to pay you.
	NOTE: PayPal recommends that the value be the original page on which the customer chose to pay with PayPal or establish a billing agreement.
	Character length and limitations: no limit

Field	Description
LOCALECODE	*(Optional)* Locale of pages displayed by PayPal during checkout. PayPal supports the following 2-character country codes: • AU – Australia • AT – Austria • BE – Belgium • BR – Brazil • CA – Canada • CH – Switzerland • CN – China • DE – Germany • ES – Spain • GB – United Kingdom • FR – France • IT – Italy • NL – Netherlands • PL – Poland • PT – Portugal • RU – Russia • US – United States • The following 5-character codes are also supported for languages in specific countries: da_DK – Danish (for Denmark only) he_IL – Hebrew (all) id_ID – Indonesian (for Indonesia only) jp_JP – Japanese (for Japan only) no_NO – Norwegian (for Norway only) pt_BR – Brazilian Portuguese (for Portugal and Brazil only) ru_RU – Russian (for Lithuania, Latvia, and Ukraine only) sv_SE – Sweedish (for Sweden only) th_TH – Thai (for Thailand only) tr_TR – Turkish (for Turkey only) zh_CN – Simplified Chinese (for China only) zh_HK – Traditional Chinese (for Hong Kong only) zh_TW – Traditional Chinese (for Taiwan only) Any other value defaults to US. Character length and limitations: 2 single-byte characters
PAGESTYLE	*(Optional)* Sets the Custom Payment Page Style for payment pages associated with this button/link. This value corresponds to the HTML variable page_style for customizing payment pages. The value is the same as the Page Style Name you chose when adding or editing the page style in your PayPal account. Character length and limitations: 30 single-byte alphabetic characters

Field	Description
HDRIMG	*(Optional)* A URL for the image you want to appear at the top left of the payment page. The image has a maximum size of 750 pixels wide by 90 pixels high. PayPal recommends that you provide an image that is stored on a secure (https) server.
	Character length and limitations: 127 single-byte alphanumeric characters
HDRBORDERCOLOR	*(Optional)* Sets the border color around the header of the payment page. The border is a 2-pixel perimeter around the header space, which is 750 pixels wide by 90 pixels high.
	Character length and limitations: 6-character HTML hexadecimal color code in ASCII
HDRBACKCOLOR	*(Optional)* Sets the background color for the header of the payment page. By default, the color is white.
	Character length and limitation: 6-character HTML hexadecimal color code in ASCII
PAYFLOWCOLOR	*(Optional)* Sets the background color for the payment page.
	Character length and limitation: 6-character HTML hexadecimal color code in ASCII
EMAIL	*(Optional)* Email address of the buyer as entered during checkout. PayPal uses this value to pre-fill the PayPal membership sign-up portion of the PayPal login page.
	Character length and limit: 127 single-byte alphanumeric characters

BillingAgreementDetails Fields

Field	Description
L_BILLINGTYPEn	
L_BILLINGAGREEMENTD ESCRIPTIONn	Description of goods or services associated with the billing agreement. This field is required for each recurring payment billing agreement. PayPal recommends that the description contain a brief summary of the billing agreement terms and conditions. For example, buyer is billed at "9.99 per month for 2 years".
	Character length and limitations: 127 single-byte alphanumeric characters
L_PAYMENTTYPEn	*(Optional)* Type of PayPal payment you require for the billing agreement. It is one of the following values: ● Any ● InstantOnly **NOTE:** For recurring payments, this field is ignored.
L_BILLINGAGREEMENTC USTOMn	*(Optional)* Custom annotation field for your own use. **NOTE:** For recurring payments, this field is ignored. Character length and limitations: 256 single-byte alphanumeric bytes

SetCustomerBillingAgreement Response Message

SetCustomerBillingAgreement Response Fields

Field	Description
TOKEN	A unique time-stamped token, which uniquely identifies this transaction in subsequent API calls.
	NOTE: The token expires after 3 hours.
	Character length and limitations: 20 single-byte characters

GetBillingAgreementCustomerDetails API Operation

The GetBillingAgreementCustomerDetails API operation obtains information about a billing agreement's PayPal account holder.

GetBillingAgreementCustomerDetails Request Message

GetBillingAgreementCustomerDetails Request Fields

Field	Description
METHOD	*(Required)* Must be `GetBillingAgreementCustomerDetails`.
TOKEN	*(Required)* The time-stamped token returned in the `SetCustomerBillingAgreement` response.
	NOTE: The token expires after 3 hours.
	Character length and limitations: 20 single-byte characters

GetBillingAgreementCustomerDetails Response Message

Payer Information Fields

Field	Description
EMAIL	Email address of buyer.
	Character length and limitations: 127 single-byte characters
PAYERID	Unique PayPal Customer Account identification number.
	Character length and limitations:13 single-byte alphanumeric characters

Field	Description
PAYERSTATUS	Status of buyer. It is one of the following values: ● verified ● unverified Character length and limitations: 10 single-byte alphabetic characters
COUNTRYCODE	Buyer's country of residence in the form of ISO standard 3166 two-character country codes. Character length and limitations: 2 single-byte characters
PAYERBUSINESS	Buyer's business name. Character length and limitations: 127 single-byte characters

PayerNameType Fields

Field	Description
SALUTATION	Buyer's salutation. Character length and limitations: 20 single-byte characters
FIRSTNAME	Buyer's first name. Character length and limitations: 25 single-byte characters
MIDDLENAME	Buyer's middle name. Character length and limitations: 25 single-byte characters
LASTNAME	Buyer's last name. Character length and limitations: 25 single-byte characters
SUFFIX	Buyer's suffix. Character length and limitations: 12 single-byte characters

Address Fields

Field	Description
ADDRESSSTATUS	Status of street address on file with PayPal. It is one of the following values: ● none ● Confirmed ● Unconfirmed
SHIPTONAME	Person's name associated with this address. Character length and limitations: 32 single-byte characters
SHIPTOSTREET	First street address. Character length and limitations: 100 single-byte characters
SHIPTOSTREET2	Second street address. Character length and limitations: 100 single-byte characters

Field	Description
SHIPTOCITY	Name of city. Character length and limitations: 40 single-byte characters
SHIPTOSTATE	State or province. Required for U.S. addresses only. Character length and limitations: 40 single-byte characters
SHIPTOZIP	U.S. ZIP code or other country-specific postal code. Character length and limitations: 20 single-byte characters
SHIPTOCOUNTRYCODE	Country code. Character length and limitations: 2 single-byte characters

BAUpdate API Operation

The BAUpdate API operation updates or deletes a billing agreement.

BAUpdate Request Message

BAUpdate Request Fields

Field	Description
METHOD	*(Required)* Must be BillAgreementUpdate.
REFERENCEID	*(Required)* An ID, such as a billing agreement ID or a reference transaction ID that is associated with a billing agreement.
BILLINGAGREEMENTSTATUS	*(Optional)* Use to cancel a billing agreement. To cancel a billing agreement, pass the value Canceled. **NOTE:** If you do not pass the value Canceled, BAUpdate returns the buyer's latest billing address.
L_BILLINGAGREEMENTDESCRIPTIONn	*(Optional)* Description of goods or services associated with the billing agreement. This field is required for each recurring payment billing agreement. PayPal recommends that the description contain a brief summary of the billing agreement terms and conditions. For example, buyer will be billed at "9.99 per month for 2 years". Character length and limitations: 127 single-byte alphanumeric characters
L_BILLINGAGREEMENTCUSTOMn	*(Optional)* Custom annotation field for your own use. **NOTE:** For recurring payments, this field is ignored. Character length and limitations: 256 single-byte alphanumeric characters

BAUpdate Response Message

BAUpdate Response Fields

Field	Description
L_BILLINGTYPE*n*	Type of billing agreement.
L_BILLINGAGREEMENTD ESCRIPTION*n*	Description of goods or services associated with the billing agreement. This field is required for each recurring payment billing agreement. Character length and limitations: 127 single-byte alphanumeric characters
L_BILLINGAGREEMENTC USTOM*n*	Custom annotation field for your own use. Character length and limitations: 256 single-byte alphanumeric characters
BILLINGAGREEMENTSTA TUS	*(Optional)* Use to cancel a billing agreement. To cancel a billing agreement, pass the value `Canceled`. **NOTE:** If you do not pass the value `Canceled`, `BAUpdate` returns the buyer's latest billing address.
L_BILLINGAGREEMENTM AX*n*	Maximum amount for this billing agreement. **NOTE:** This field only has a value if the buyer signed up for PayPal using Preapproved Payments; it is included for backwards compatibility with legacy systems. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).

Payer Information Fields

Field	Description
EMAIL	Email address of buyer. Character length and limitations: 127 single-byte characters
PAYERID	Unique PayPal Customer Account identification number. Character length and limitations:13 single-byte alphanumeric characters
PAYERSTATUS	Status of buyer. It is one of the following values: ● `verified` ● `unverified` Character length and limitations: 10 single-byte alphabetic characters
COUNTRYCODE	Buyer's country of residence in the form of ISO standard 3166 two-character country codes. Character length and limitations: 2 single-byte characters

Field	Description
PAYERBUSINESS	Buyer's business name. Character length and limitations: 127 single-byte characters

Payer Name Fields

Field	Description
SALUTATION	Buyer's salutation. Character length and limitations: 20 single-byte characters
FIRSTNAME	Buyer's first name. Character length and limitations: 25 single-byte characters
MIDDLENAME	Buyer's middle name. Character length and limitations: 25 single-byte characters
LASTNAME	Buyer's last name. Character length and limitations: 25 single-byte characters
SUFFIX	Buyer's suffix. Character length and limitations: 12 single-byte characters

Bill To Address Fields

Field	Description
BILLINGNAME	Billing name associated with this billing address. Character length and limitations: 32 single-byte characters
STREET	First billing street address. Character length and limitations: 100 single-byte characters
STREET2	Second billing street address. Character length and limitations: 100 single-byte characters
CITY	Name of billing city. Character length and limitations: 40 single-byte characters
STATE	Billing state or province. Required for U.S. addresses only. Character length and limitations: 40 single-byte characters
ZIP	U.S. billing ZIP code or other country-specific postal code. Character length and limitations: 20 single-byte characters
COUNTRYCODE	Billing country code. Character length and limitations: 2 single-byte characters

DoReferenceTransaction API Operation

The DoReferenceTransaction API operation processes a payment from a buyer's account, which is identified by a previous transaction.

DoReferenceTransaction Request Message

DoReferenceTransaction Request Fields

Field	Description
METHOD	*(Required)* Must be DoReferenceTransaction.
REFERENCEID	*(Required)* A transaction ID from a previous purchase, such as a credit card charge using the DoDirectPayment API, or a billing agreement ID.
PAYMENTACTION	*(Optional)* How you want to obtain payment. It is one of the following values: ● Authorization – This payment is a basic authorization subject to settlement with PayPal Authorization and Capture. ● Sale – This is a final sale for which you are requesting payment.
RETURNFMFDETAILS	*(Optional)* Flag to indicate whether you want the results returned by Fraud Management Filters. By default, you do not receive this information. It is one of the following values: ● 0 – Do not receive FMF details (default) ● 1 – Receive FMF details

Field	Description
SOFTDESCRIPTOR	*(Optional)* Per transaction description of the payment that is passed to the consumer's credit card statement.
	If the API request provides a value for the soft descriptor field, the full descriptor displayed on the buyer's statement has the following format:
	`<PP *	PAYPAL *><Merchant descriptor as set in the Payment Receiving Preferences><1 space><soft descriptor>`
	The soft descriptor can contain only the following characters:
	• Alphanumeric characters
	• - (dash)
	• * (asterisk)
	• . (period)
	• {space}
	If you use any other characters (such as ","), PayPal returns an error code. The soft descriptor does not include the phone number, which can be toggled between the merchant's customer service number and PayPal's customer service number. The maximum length of the total soft descriptor is 22 characters. Of this, the PayPal prefix uses either 4 or 8 characters shown in the data format. Thus, the maximum length of the soft descriptor passed in the API request is:
	`22 – len(<PP * | PAYPAL *>) – len(<Descriptor set in Payment Receiving Preferences> + 1)`
	For example, assume the following conditions:
	• The PayPal prefix toggle is set to PAYPAL * in PayPal's administration tools.
	• The merchant descriptor set in the Payment Receiving Preferences is set to EBAY.
	• The soft descriptor is passed in as JanesFlowerGifts LLC
	The resulting descriptor string on the credit card would be:
	PAYPAL *EBAY JanesFlow

Ship To Address Fields

Field	Description
SHIPTONAME	Person's name associated with this shipping address. It is required if using a shipping address.
	Character length and limitations: 32 single-byte characters
SHIPTOSTREET	First street address. It is required if using a shipping address.
	Character length and limitations: 100 single-byte characters
SHIPTOSTREET2	*(Optional)* Second street address.
	Character length and limitations: 100 single-byte characters
SHIPTOCITY	Name of city. It is required if using a shipping address.
	Character length and limitations: 40 single-byte characters
SHIPTOSTATE	State or province. It is required if using a shipping address.
	Character length and limitations: 40 single-byte characters

Field	Description
SHIPTOZIP	U.S. ZIP code or other country-specific postal code. It is required if using a U.S. shipping address; may be required for other countries.
	Character length and limitations: 20 single-byte characters
SHIPTOCOUNTRY	Country code. It is required if using a shipping address.
	Character length and limitations: 2 single-byte characters
SHIPTOPHONENUM	*(Optional)* Phone number.
	Character length and limitations: 20 single-byte characters

Payment Details Fields

Field	Description
AMT	*(Required)* The total cost of the transaction to the buyer. If shipping cost and tax charges are known, include them in this value. If not, this value should be the current subtotal of the order. If the transaction includes one or more one-time purchases, this field must be equal to the sum of the purchases. Set this field to 0 if the transaction does not include a one-time purchase such as when you set up a billing agreement for a recurring payment that is not immediately charged. When the field is set to 0, purchase-specific fields are ignored
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
CURRENCYCODE	*(Optional)* A 3-character currency code (default is USD).
ITEMAMT	*(Optional)* Sum of cost of all items in this order.
	NOTE: ITEMAMT is required if you specify L_AMT*n*.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
SHIPPINGAMT	*(Optional)* Total shipping costs for this order.
	NOTE: If you specify a value for SHIPPINGAMT, you must also specify a value for ITEMAMT.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).

Field	Description
HANDLINGAMT	*(Optional)* Total handling costs for this order.
	NOTE: If you specify a value for HANDLINGAMT, you must also specify a value for ITEMAMT.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
TAXAMT	*(Optional)* Sum of tax for all items in this order.
	NOTE: TAXAMT is required if you specify L_TAXAMTn
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
DESC	*(Optional)* Description of items the buyer is purchasing.
	NOTE: The value you specify is available only if the transaction includes a purchase. This field is ignored if you set up a billing agreement for a recurring payment that is not immediately charged.
	Character length and limitations: 127 single-byte alphanumeric characters
CUSTOM	*(Optional)* A free-form field for your own use.
	NOTE: The value you specify is available only if the transaction includes a purchase. This field is ignored if you set up a billing agreement for a recurring payment that is not immediately charged.
	Character length and limitations: 256 single-byte alphanumeric characters
INVNUM	*(Optional)* Your own invoice or tracking number.
	NOTE: The value you specify is available only if the transaction includes a purchase. This field is ignored if you set up a billing agreement for a recurring payment that is not immediately charged.
	Character length and limitations: 127 single-byte alphanumeric characters
BUTTONSOURCE	*(Optional)* An identification code for use by third-party applications to identify transactions.
	Character length and limitations: 32 single-byte alphanumeric characters
NOTIFYURL	*(Optional)* Your URL for receiving Instant Payment Notification (IPN) about this transaction. If you do not specify this value in the request, the notification URL from your Merchant Profile is used, if one exists.
	IMPORTANT: The notify URL applies only to DoExpressCheckoutPayment. This value is ignored when set in SetExpressCheckout or GetExpressCheckoutDetails.
	Character length and limitations: 2,048 single-byte alphanumeric characters

Field	Description
RECURRING	ns:RecurringFlagType
	(Optional) Flag to indicate a recurring transaction. It is one of the following values:
	• Any value other than Y – This is not a recurring transaction (default).
	• Y – This is a recurring transaction.
	NOTE: To pass Y in this field, you must have established a billing agreement with the buyer specifying the amount, frequency, and duration of the recurring payment.

Payment Details Item Fields

Field	Description
L_ITEMCATEGORY*n*	Indicates whether the item is digital or physical. For digital goods, this field is required and you must set it to Digital to get the best rates. These parameters must be ordered sequentially beginning with 0 (for example L_ITEMCATEGORY0, L_ITEMCATEGORY1). It is one of the following values:
	• Digital
	• Physical
	This field is introduced in version 69.0.
L_NAME*n*	Item name. This field is required when you pass a value for L_PAYMENTREQUEST_*n*_ITEMCATEGORY*m*. These parameters must be ordered sequentially beginning with 0 (for example L_NAME0, L_NAME1).
	Character length and limitations: 127 single-byte characters
L_DESC*n*	*(Optional)* Item description.
	This field is available since version 53.0.
	Character length and limitations: 127 single-byte characters
L_AMT*n*	Cost of item. This field is required when you pass a value for L_PAYMENTREQUEST_*n*_ITEMCATEGORY*m*. These parameters must be ordered sequentially beginning with 0 (for example L_AMT0, L_AMT1).
	NOTE: If you specify a value for L_AMT*n*, you must specify a value for ITEMAMT.
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
L_NUMBER*n*	*(Optional)* Item number. These parameters must be ordered sequentially beginning with 0 (for example L_NUMBER0, L_NUMBER1).
	Character length and limitations: 127 single-byte characters
L_QTY*n*	Item quantity. This field is required when you pass a value for L_PAYMENTREQUEST_*n*_ITEMCATEGORY*m*. These parameters must be ordered sequentially beginning with 0 (for example L_QTY0, L_QTY1).
	Character length and limitations: Any positive integer

Field	Description
L_TAXAMT*n*	*(Optional)* Item sales tax. These parameters must be ordered sequentially beginning with 0 (for example L_TAXAMT0, L_TAXAMT1).
	Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).

Ebay Item Payment Details Item Fields

Field	Description
L_EBAYITEMNUMBER*n*	*(Optional)* Auction item number. These parameters must be ordered sequentially beginning with 0 (for example L_EBAYITEMNUMBER0, L_EBAYITEMNUMBER1).
	Character length: 765 single-byte characters
L_EBAYITEMAUCTIONTXNID*n*	*(Optional)* Auction transaction identification number. These parameters must be ordered sequentially beginning with 0 (for example L_EBAYITEMAUCTIONTXNID0, L_EBAYITEMAUCTIONTXNID1).
	Character length: 255 single-byte characters
L_EBAYITEMORDERID*n*	*(Optional)* Auction order identification number. These parameters must be ordered sequentially beginning with 0 (for example L_EBAYITEMORDERID0, L_EBAYITEMORDERID1).
	Character length: 64 single-byte characters

Reference Credit Card Details Fields

Field	Description
CREDITCARDTYPE	*(Optional)* Type of credit card. Is one of the following values: ● Visa ● MasterCard ● Discover ● Amex ● Maestro: See note.
	For UK, only Maestro, MasterCard, Discover, and Visa are allowable. For Canada, only MasterCard and Visa are allowable. Interac debit cards are not supported.
	NOTE: If the credit card type is Maestro, you must set CURRENCYCODE to GBP. In addition, you must specify either STARTDATE or ISSUENUMBER.
	Character length and limitations: Up to 10 single-byte alphabetic characters
ACCT	*(Optional)* Credit card number.
	Character length and limitations: Numeric characters only with no spaces or punctutation. The string must conform with modulo and length required by each credit card type.

Field	Description
EXPDATE	Credit card expiration date. This field is required if you are using recurring payments with direct payments. Character length and limitations: 6 single-byte alphanumeric characters, including leading zero, in the format MMYYYY
CVV2	*(Optional)* Card Verification Value, version 2. To comply with credit card processing regulations, you must not store this value after a transaction has been completed. Character length and limitations: For Visa, MasterCard, and Discover, the value is exactly 3 digits. For American Express, the value is exactly 4 digits.
STARTDATE	*(Optional)* Month and year that Maestro card was issued. Character length and limitations: Must be 6 digits, including leading zero, in the format MMYYYY
ISSUENUMBER	*(Optional)* Issue number of Maestro card. Character length and limitations: 2 numeric digits maximum.

Payer Information Fields

Field	Description
EMAIL	*(Optional)* Email address of buyer. Character length and limitations: 127 single-byte characters
FIRSTNAME	*(Required)* Buyer's first name. Character length and limitations: 25 single-byte characters
LASTNAME	*(Required)* Buyer's last name. Character length and limitations: 25 single-byte characters

Address Fields

Field	Description
STREET	*(Optional)* First street address. Character length and limitations: 100 single-byte characters
STREET2	*(Optional)* Second street address. Character length and limitations: 100 single-byte characters
CITY	*(Optional)* Name of city. Character length and limitations: 40 single-byte characters
STATE	*(Optional)* State or province. Character length and limitations: 40 single-byte characters
COUNTRYCODE	*(Optional)* Country code. Character limit: 2 single-byte characters

Field	Description
ZIP	*(Optional)* U.S. ZIP code or other country-specific postal code. Character length and limitations: 20 single-byte characters
SHIPTOPHONENUM	*(Optional)* Phone number. Character length and limit: 20 single-byte characters

DoReferenceTransaction Response Message

DoReferenceTransaction Response Fields for Express Checkout

Field	Description
AVSCODE	Address Verification System response code. Character limit: 1 single-byte alphanumeric character
CVV2MATCH	Result of the CVV2 check by PayPal.
BILLINGAGREEMENTID	Billing agreement identifier returned if the value of ReferenceID in the request is a billing agreement identification number.
L_FMF*filterID*n	Filter ID, including the *filter* type (PENDING, REPORT, or DENY), the filter *ID*, and the entry number, *n*, starting from 0. Filter *ID* is one of the following values: ● 1 – AVS No Match ● 2 – AVS Partial Match ● 3 – AVS Unavailable/Unsupported ● 4 – Card Security Code (CSC) Mismatch ● 5 – Maximum Transaction Amount ● 6 – Unconfirmed Address ● 7 – Country Monitor ● 8 – Large Order Number ● 9 – Billing/Shipping Address Mismatch ● 10 – Risky ZIP Code ● 11 – Suspected Freight Forwarder Check ● 12 – Total Purchase Price Minimum ● 13 – IP Address Velocity ● 14 – Risky Email Address Domain Check ● 15 – Risky Bank Identification Number (BIN) Check ● 16 – Risky IP Address Range ● 17 – PayPal Fraud Model
L_FMF*filter*NAME*n*	Filter name, including the *filter* type (PENDING, REPORT, or DENY), the filter *NAME*, and the entry number, *n*, starting from 0.

Field	Description
PAYMENTADVICECODE	xs:string Response code from the processor when a recurring transaction is declined. For details on the meanings of the codes, see https://merchant.paypal.com/us/cgi-bin/?&cmd=_render-content&content_ID=merchant/cc_compliance_error_codes This field is available since version 84.0.

Payment Information Fields

Field	Description
TRANSACTIONID	Unique transaction ID of the payment. Character length and limitations: 17 single-byte characters
PARENTTRANSACTIONID	Parent or related transaction identification number. This value in this field is for the following transaction types: ● Reversal – Capture of an authorized transaction. ● Reversal – Reauthorization of a transaction. ● Capture of an order – The value of ParentTransactionID is the original OrderID. ● Authorization of an order – The value of ParentTransactionID is the original OrderID. ● Capture of an order authorization. ● Void of an order – The value of ParentTransactionID is the original OrderID. Character length and limitations: 16 digits in xxxx-xxxx-xxxx-xxxx format
RECEIPTID	Receipt identification number Character length and limitations: 16 digits in xxxx-xxxx-xxxx-xxxx format
TRANSACTIONTYPE	The type of transaction. It is one of the following values: ● cart ● express-checkout Character length and limitations:15 single-byte characters
PAYMENTTYPE	Indicates whether the payment is instant or delayed. It is one of the following values: ● none ● echeck ● instant Character length and limitations: 7 single-byte characters
ORDERTIME	Time/date stamp of payment, Character length and limitations: Date and time are in UTC/GMTformat, for example, 2011-06-24T05:38:48Z

Field	Description
AMT	The final amount charged, including any shipping and taxes from your Merchant Profile. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
CURRENCYCODE	A 3-character currency code.
FEEAMT	PayPal fee amount charged for the transaction. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
SETTLEAMT	Amount deposited in your PayPal account after a currency conversion. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
TAXAMT	Tax charged on the transaction. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
EXCHANGERATE	Exchange rate if a currency conversion occurred. Relevant only if your are billing in their non-primary currency. If the buyer chooses to pay with a currency other than the non-primary currency, the conversion occurs in the buyer's account. Character length and limitations: Decimal value that does not exceed 17 characters, including decimal point

Field	Description
PAYMENTSTATUS	Status of the payment. It is one of the following values: ● `None` – No status ● `Canceled-Reversal`– A reversal has been canceled, for example, when you win a dispute and the funds for the reversal have been returned to you. ● `Completed` – The payment has been completed, and the funds have been added successfully to your account balance. ● `Denied` – You denied the payment. This happens only if the payment was previously pending because of possible reasons described for the `PendingReason` element. ● `Expired` – The authorization period for this payment has been reached. ● `Failed` – The payment has failed. This happens only if the payment was made from your buyer's bank account. ● `In-Progress` – The transaction has not terminated, for example, an authorization may be awaiting completion. ● `Partially-Refunded` – The payment has been partially refunded. ● `Pending` – The payment is pending. See the `PendingReason` field for more information. ● `Refunded` – You refunded the payment. ● `Reversed` – A payment was reversed due to a chargeback or other type of reversal. The funds have been removed from your account balance and returned to the buyer. The reason for the reversal is specified in the ReasonCode element. ● `Processed` – A payment has been accepted. ● `Voided` – An authorization for this transaction has been voided.

Field	Description
PENDINGREASON	The reason the payment is pending. It is one of the following values: • none – No pending reason. • address – The payment is pending because your buyer did not include a confirmed shipping address and your Payment Receiving Preferences is set such that you want to manually accept or deny each of these payments. To change your preference, go to the Preferences section of your Profile. • authorization – The payment is pending because it has been authorized but not settled. You must capture the funds first. • echeck – The payment is pending because it was made by an eCheck that has not yet cleared. • intl – The payment is pending because you hold a non-U.S. account and do not have a withdrawal mechanism. You must manually accept or deny this payment from your Account Overview. • multi-currency – You do not have a balance in the currency sent, and you do not have your Payment Receiving Preferences set to automatically convert and accept this payment. You must manually accept or deny this payment. • order – The payment is pending because it is part of an order that has been authorized but not settled. • paymentreview – The payment is pending while it is being reviewed by PayPal for risk. • unilateral – The payment is pending because it was made to an email address that is not yet registered or confirmed. • verify –The payment is pending because you are not yet verified. You must verify your account before you can accept this payment. • other – The payment is pending for a reason other than those listed above. For more information, contact PayPal customer service. **NOTE:** PendingReason is returned in the response only if PaymentStatus is Pending.
REASONCODE	The reason for a reversal if the transaction type is reversal. It is one of the following values: • none – No reason code. • chargeback – A reversal has occurred on this transaction due to a chargeback by your buyer. • guarantee – A reversal has occurred on this transaction due to your buyer triggering a money-back guarantee. • buyer-complaint – A reversal has occurred on this transaction due to a complaint about the transaction from your buyer. • refund – A reversal has occurred on this transaction because you have given the buyer a refund. • other – A reversal has occurred on this transaction due to a reason not listed above.

Field	Description
`PROTECTIONELIGIBILITY`	Prior to version 64.4, the kind of seller protection in force for the transaction. It is one of the following values: ● `Eligible` – Merchant is protected by PayPal's Seller Protection Policy for Unauthorized Payments and Item Not Received. ● `PartiallyEligible` – Merchant is protected by PayPal's Seller Protection Policy for Item Not Received. ● `Ineligible` – Merchant is not protected under the Seller Protection Policy.
`PROTECTIONELIGIBILITYTYPE`	Since version 64.4, the kind of seller protection in force for the transaction. It is one of the following values: ● `Eligible` – Merchant is protected by PayPal's Seller Protection Policy for both Unauthorized Payment and Item Not Received. ● `ItemNotReceivedEligible` – Merchant is protected by PayPal's Seller Protection Policy for Item Not Received. ● `UnauthorizedPaymentEligible` – Merchant is protected by PayPal's Seller Protection Policy for Unauthorized Payment. ● `Ineligible` – Merchant is not protected under the Seller Protection Policy. This field is introduced in API version 64.4.

13 RefundTransaction API Operation

The RefundTransaction API operation issues a refund to the PayPal account holder associated with a transaction.

RefundTransaction Request Message

RefundTransaction Request Fields

Field	Description
METHOD	*(Required)* Must be `RefundTransaction`.
TRANSACTIONID	*(Required)* Unique identifier of the transaction to be refunded. Character length and limitations: 17 single-byte alphanumeric characters
INVOICEID	*(Optional)* Your own invoice or tracking number. Character length and limitations: 127 single-byte alphanumeric characters
REFUNDTYPE	Type of refund you are making. It is one of the following values: • `Full` – Full refund (default). • `Partial` – Partial refund. • `ExternalDispute` – External dispute. (Value available since version 82.0) • `Other` – Other type of refund. (Value available since version 82.0)
AMT	*(Optional)* Refund amount. The amount is required if `RefundType` is `Partial`. **NOTE:** If `RefundType` is `Full`, do not set the `Amount`. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
CURRENCYCODE	Currency code. This field is required for partial refunds. Do not use this field for full refunds. Character length and limitations: 3 single-byte characters
NOTE	*(Optional)* Custom memo about the refund. Character length and limitations: 255 single-byte alphanumeric characters

Field	Description
RETRYUNTIL	xs:dateTime
	(Optional) Maximum time until you must retry the refund.
	NOTE: This field does not apply to point-of-sale transactions.
	This field is available since version 82.0.
REFUNDSOURCE	ebl:RefundSourceCodeType
	*(Optional)*Type of PayPal funding source (balance or eCheck) that can be used for auto refund. It is one of the following values:
	• any – The merchant does not have a preference. Use any available funding source.
	• default – Use the merchant's preferred funding source, as configured in the merchant's profile.
	• instant – Use the merchant's balance as the funding source.
	• eCheck – The merchant prefers using the eCheck funding source. If the merchant's PayPal balance can cover the refund amount, use the PayPal balance.
	NOTE: This field does not apply to point-of-sale transactions.
	This field is available since version 82.0.
MERCHANTSTOREDETAILS	ns:MerchantStoreDetailsType
	(Optional) Information about the merchant store.
	This field is available since version 82.0.

Merchant Store Details Fields

Field	Description
STOREID	ID of the merchant store. This field is required for point-of-sale transactions.
	Character length and limitations: 50 single-byte characters
	This field is available since version 82.0.
TERMINALID	*(Optional)* ID of the terminal.
	Character length and limitations: 50 single-byte characters
	This field is available since version 82.0.

RefundTransaction Response Message

RefundTransaction Response Fields

Field	Description
REFUNDTRANSACTIONID	Unique transaction ID of the refund. Character length and limitations:17 single-byte characters
FEEREFUNDAMT	Transaction fee refunded to original recipient of payment. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
GROSSREFUNDAMT	Amount refunded to the original payer. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
NETREFUNDAMT	Amount subtracted from PayPal balance of the original recipient of payment, to make this refund. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
TOTALREFUNDEDAMT	Total of all refunds associated with this transaction. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,). This field is available since version 67.0.
CURRENCYCODE	Currency code. Character length and limitations: 3 single-byte characters
REFUNDINFO	Contains refund payment status information. This field is available since version 84.0.

RefundInfoType Fields

Field	Description
RefundStatus REFUNDSTATUS	ns:PaymentStatusCodeType Status of the refund. It is one of the following values: ● instant ● delayed This field is available since version 84.0.
PENDINGREASON	Reason that the refund payment status is delayed. It is one of the following values: ● none – The refund status is instant. ● echeck – The refund status is delayed. This field is available since version 84.0.

14 TransactionSearch API Operation

The TransactionSearch API searches transaction history for transactions that meet the specified criteria.

NOTE: The maximum number of transactions that can be returned from a TransactionSearch API call is 100.

TransactionSearch Request Message

TransactionSearch Request Fields

Field	Description
METHOD	*(Required)* Must be `TransactionSearch`.
STARTDATE	*(Required)* The earliest transaction date at which to start the search. Character length and limitations: No wildcards are allowed. The value must be in UTC/GMT format.
ENDDATE	*(Optional)* The latest transaction date to be included in the search. Character length and limitations: No wildcards are allowed. The value must be in UTC/GMT format.
EMAIL	*(Optional)* Search by the buyer's email address. Character length and limitations: 127 single-byte alphanumeric characters
RECEIVER	*(Optional)* Search by the receiver's email address. If the merchant account has only one email address, this is the primary email. It can also be a non-primary email address.
RECEIPTID	*(Optional)* Search by the PayPal Account Optional receipt ID.
TRANSACTIONID	*(Optional)* Search by the transaction ID. The returned results are from the merchant's transaction records. Character length and limitations: 19 single-byte characters maximum
INVNUM	*(Optional)* Search by invoice identification key, as set by you for the original transaction. This field searches the records for items the merchant sells, not the items purchased. Character length and limitations: 127 single-byte characters maximum with no wildcards allowed

Field	Description
ACCT	*(Optional)* Search by credit card number, as set by you for the original transaction. This field searches the records for items the merchant sells, not the items purchased. **NOTE:** No wildcards are allowed. Character length and limitations: Must be at least 11 and no more than 25 single-byte numeric characters maximum. Special punctuation, such as dashes or spaces, is ignored.
AUCTIONITEMNUMBER	*(Optional)* Search by auction item number of the purchased goods.
TRANSACTIONCLASS	*(Optional)* Search by classification of transaction. Some kinds of possible classes of transactions are not searchable with this field. You cannot search for bank transfer withdrawals, for example. It is one of the following values: ● `All` – All transaction classifications ● `Sent` – Only payments sent ● `Received` – Only payments received ● `MassPay` – Only mass payments ● `MoneyRequest` – Only money requests ● `FundsAdded` – Only funds added to balance ● `FundsWithdrawn` – Only funds withdrawn from balance ● `Referral` – Only transactions involving referrals ● `Fee` – Only transactions involving fees ● `Subscription` – Only transactions involving subscriptions ● `Dividend` – Only transactions involving dividends ● `Billpay` – Only transactions involving BillPay Transactions ● `Refund` – Only transactions involving funds ● `CurrencyConversions` – Only transactions involving currency conversions ● `BalanceTransfer` – Only transactions involving balance transfers ● `Reversal` – Only transactions involving BillPay reversals ● `Shipping` – Only transactions involving UPS shipping fees ● `BalanceAffecting` – Only transactions that affect the account balance ● `ECheck` – Only transactions involving eCheck
AMT	*(Optional)* Search by transaction amount. **NOTE:** You must set the `currencyID` attribute to one of the 3-character currency codes for any of the supported PayPal currencies. Character length and limitations: Value is a positive number which cannot exceed $10,000 USD in any currency. It includes no currency symbol. It must have 2 decimal places, the decimal separator must be a period (.), and the optional thousands separator must be a comma (,).
CURRENCYCODE	*(Optional)* Search by currency code.

Field	Description
STATUS	*(Optional)* Search by transaction status. It is one of the following values: • `Pending` – The payment is pending. The specific reason the payment is pending is returned by the `GetTransactionDetails` API `PendingReason` field. • `Processing` – The payment is being processed. • `Success` – The payment has been completed and the funds have been added successfully to your account balance. • `Denied` – You denied the payment. This happens only if the payment was previously pending. • `Reversed` – A payment was reversed due to a chargeback or other type of reversal. The funds have been removed from your account balance and returned to the buyer.

Payer Name Fields

Field	Description
SALUTATION	*(Optional)* Buyer's salutation. Character length and limitations: 20 single-byte characters
FIRSTNAME	*(Optional)* Buyer's first name. Character length and limitations: 25 single-byte characters
MIDDLENAME	*(Optional)* Buyer's middle name. Character length and limitations: 25 single-byte characters
LASTNAME	*(Optional)* Buyer's last name. Character length and limitations: 25 single-byte characters
SUFFIX	*(Optional)* Buyer's suffix. Character length and limitations: 12 single-byte characters

TransactionSearch Response Message

TransactionSearch Response Fields

Field	Description
L_TIMESTAMPn	Date and time in UTC/GMT format that the transaction occurred.
L_TIMEZONEn	Time zone of the transaction.
L_TYPEn	Type of the transaction.

Field	Description
L_EMAILn	Email address of either the buyer or the payment recipient (the "payee"). If the payment amount is positive, this field is the recipient of the funds. If the payment is negative, this field is the paying buyer.
L_NAMEn	Display name of the buyer.
L_TRANSACTIONIDn	Merchant's transaction ID.
L_STATUSn	The status of the transaction.
L_AMTn	The total gross amount charged, including any profile shipping cost and taxes.
L_FEEAMTn	The fee that PayPal charged for the transaction.
L_NETAMTn	The net amount of the transaction.

A   API Error Codes

The PayPal API can return multiple errors for any operation.

General API Errors

General API Errors

Error Code	Short Message	Long Message	Correcting This Error
10002	Authentication/Authorization Failed	Username/Password is incorrect	This error can be caused by an incorrect API username, an incorrect API password, or an invalid API signature. Make sure that all three of these values are correct. For your security, PayPal does not report exactly which of these three values might be in error.
10002	Authentication/Authorization Failed	You do not have permission to make this API call	
10002	Authentication/Authorization Failed	Account is locked or inactive	
10002	Internal Error	Internal Error	
10002	Authentication/Authorization Failed	Internal Error	
10002	Authentication/Authorization Failed	Account is not verified	
10002	Authentication/Authorization Failed	This call is not defined in the database!	
10002	Authentication/Authorization Failed	Token is not valid	
10002	Restricted account	Account is restricted	Your PayPal merchant account has been restricted. Contact your PayPal account manager for resolution.
10002	Authentication/Authorization Failed	API access is disabled for this account	
10002	Authentication/Authorization Failed	Client certificate is disabled	

Error Code	Short Message	Long Message	Correcting This Error
10006	Version error	Version is not supported	
10008	Security error	Security header is not valid	
10101	This API Temporarily Unavailable	This API is temporarily unavailable. Please try later.	

Validation Errors

Validation Errors

Error Code	Short Message	Long Message
81000	Missing Parameter	Required Parameter Missing : Unable to identify parameter
81001	Invalid Parameter	A Parameter is Invalid : Unable to identify parameter
81002	Unspecified Method	Method Specified is not Supported
81003	Unspecified Method	No Method Specified
81004	Unspecified Method	No Request Received
81100	Missing Parameter	OrderTotal (Amt) : Required parameter missing
81101	Missing Parameter	MaxAmt : Required parameter missing
81102	Missing Parameter	ReturnURL: Required parameter missing
81103	Missing Parameter	NotifyURL : Required parameter missing
81104	Missing Parameter	CancelURL : Required parameter missing
81105	Missing Parameter	ShipToStreet : Required parameter missing
81106	Missing Parameter	ShipToStreet2 : Required parameter missing
81107	Missing Parameter	ShipToCity : Required parameter missing
81108	Missing Parameter	ShipToState : Required parameter missing
81109	Missing Parameter	ShipToZip : Required parameter missing
81110	Missing Parameter	Country : Required parameter missing
81111	Missing Parameter	ReqConfirmShipping : Required parameter missing
81112	Missing Parameter	NoShipping : Required parameter missing
81113	Missing Parameter	AddrOverride : Required parameter missing
81114	Missing Parameter	LocaleCode : Required parameter missing
81115	Missing Parameter	PaymentAction : Required parameter missing

Error Code	Short Message	Long Message
81116	Missing Parameter	Email : Required parameter missing
81117	Missing Parameter	Token : Required parameter missing
81118	Missing Parameter	PayerID : Required parameter missing
81119	Missing Parameter	ItemAmt : Required parameter missing
81120	Missing Parameter	ShippingAmt : Required parameter missing
81121	Missing Parameter	HandlingAmt : Required parameter missing
81122	Missing Parameter	TaxAmt : Required parameter missing
81123	Missing Parameter	IPAddress : Required parameter missing
81124	Missing Parameter	ShipToName : Required parameter missing
81125	Missing Parameter	L_Amt : Required parameter missing
81126	Missing Parameter	Amt : Required parameter missing
81127	Missing Parameter	L_TaxAmt : Required parameter missing
81128	Missing Parameter	AuthorizationID : Required parameter missing
81129	Missing Parameter	CompleteType : Required parameter missing
81130	Missing Parameter	CurrencyCode : Required parameter missing
81131	Missing Parameter	TransactionID : Required parameter missing
81132	Missing Parameter	TransactionEntity : Required parameter missing
81133	Missing Parameter	Acct : Required parameter missing
81134	Missing Parameter	ExpDate : Required parameter missing
81135	Missing Parameter	FirstName : Required parameter missing
81136	Missing Parameter	LastName : Required parameter missing
81137	Missing Parameter	Street : Required parameter missing
81138	Missing Parameter	Street2 : Required parameter missing
81139	Missing Parameter	City : Required parameter missing
81140	Missing Parameter	State : Required parameter missing
81141	Missing Parameter	Zip : Required parameter missing
81142	Missing Parameter	CountryCode : Required parameter missing
81143	Missing Parameter	RefundType : Required parameter missing
81144	Missing Parameter	StartDate : Required parameter missing
81145	Missing Parameter	EndDate : Required parameter missing
81146	Missing Parameter	MPID : Required parameter missing

Error Code	Short Message	Long Message
81147	Missing Parameter	CreditCardType : Required parameter missing
81148	Missing Parameter	User : Required parameter missing
81149	Missing Parameter	Pwd : Required parameter missing
81150	Missing Parameter	Version : Required parameter missing
81200	Missing Parameter	Amt : Invalid parameter
81201	Invalid Parameter	MaxAmt : Invalid parameter
81203	Invalid Parameter	NotifyURL : Invalid parameter
81205	Invalid Parameter	ShipToStreet : Invalid parameter
81206	Invalid Parameter	ShipToStreet2 : Invalid parameter
81207	Invalid Parameter	ShipToCity : Invalid parameter
81208	Invalid Parameter	ShipToState : Invalid parameter
81209	Invalid Parameter	ShipToZip : Invalid parameter
81210	Invalid Parameter	Country : Invalid parameter
81211	Invalid Parameter	ReqConfirmShipping : Invalid parameter
81212	Invalid Parameter	Noshipping : Invalid parameter
81213	Invalid Parameter	AddrOverride : Invalid parameter
81214	Invalid Parameter	LocaleCode : Invalid parameter
81215	Invalid Parameter	PaymentAction : Invalid parameter
81219	Invalid Parameter	ItemAmt : Invalid parameter
81220	Invalid Parameter	ShippingAmt : Invalid parameter
81221	Invalid Parameter	HandlingTotal Amt : Invalid parameter
81222	Invalid Parameter	TaxAmt : Invalid parameter
81223	Invalid Parameter	IPAddress : Invalid parameter
81224	Invalid Parameter	ShipToName : Invalid parameter
81225	Invalid Parameter	L_Amt : Invalid parameter
81226	Invalid Parameter	Amt : Invalid parameter
81227	Invalid Parameter	L_TaxAmt : Invalid parameter
81229	Invalid Parameter	CompleteType : Invalid parameter
81230	Invalid Parameter	CurrencyCode : Invalid parameter
81232	Invalid Parameter	TransactionEntity : Invalid parameter
81234	Invalid Parameter	ExpDate : Invalid parameter

Error Code	Short Message	Long Message
81235	Invalid Parameter	FirstName : Invalid parameter
81236	Invalid Parameter	LastName : Invalid parameter
81237	Invalid Parameter	Street : Invalid parameter
81238	Invalid Parameter	Street2 : Invalid parameter
81239	Invalid Parameter	City : Invalid parameter
81243	Invalid Parameter	RefundType : Invalid parameter
81244	Invalid Parameter	StartDate : Invalid parameter
81245	Invalid Parameter	EndDate : Invalid parameter
81247	Invalid Parameter	CreditCardType : Invalid parameter
81248	Invalid Parameter	Username : Invalid parameter
81249	Invalid Parameter	Password : Invalid parameter
81250	Invalid Parameter	Version : Invalid parameter
81251	Internal Error	Internal Service Error
99998	Transaction refused because of an invalid argument. See additional error messages for details.	Currency is not supported

DirectPayment API Errors

DirectPayment API Errors

Error Code	Short Message	Long Message	Corrective Action
10102	PaymentAction of Order Temporarily Unavailable	PaymentAction of Order is temporarily unavailable. Please try later or use other PaymentAction.	
10401	Transaction refused because of an invalid argument. See additional error messages for details.	Order total is missing.	
10418	Transaction refused because of an invalid argument. See additional error messages for details.	The currencies of the shopping cart amounts must be the same.	

Error Code	Short Message	Long Message	Corrective Action
10426	Transaction refused because of an invalid argument. See additional error messages for details.	Item total is invalid.	
10427	Transaction refused because of an invalid argument. See additional error messages for details.	Shipping total is invalid.	
10428	Transaction refused because of an invalid argument. See additional error messages for details.	Handling total is invalid.	
10429	Transaction refused because of an invalid argument. See additional error messages for details.	Tax total is invalid.	
10432	Invalid argument	Invoice ID value exceeds maximum allowable length.	
10500	Invalid Configuration	This transaction cannot be processed due to an invalid merchant configuration.	Occurs when you have not agreed to the billing agreement.
10501	Invalid Configuration	This transaction cannot be processed due to an invalid merchant configuration.	Occurs when the billing agreement is disabled or inactive.
10502	Invalid Data	This transaction cannot be processed. Please use a valid credit card.	The credit card used is expired.
10504	Invalid Data	This transaction cannot be processed. Please enter a valid Credit Card Verification Number.	The CVV provided is invalid. The CVV is between 3-4 digits long.
10505	Gateway Decline	This transaction cannot be processed.	The transaction was refused because the AVS response returned the value of N, and the merchant account is not able to accept such transactions.
10507	Invalid Configuration	This transaction cannot be processed. Please contact PayPal Customer Service.	Your PayPal account is restricted. Contact PayPal for more information.
10508	Invalid Data	This transaction cannot be processed. Please enter a valid credit card expiration date.	The expiration date must be a two-digit month and four-digit year.

Error Code	Short Message	Long Message	Corrective Action
10509	Invalid Data	This transaction cannot be processed.	You must submit an IP address of the buyer with each API call.
10510	Invalid Data	The credit card type is not supported. Try another card type.	The credit card type entered is not currently supported by PayPal.
10511	Invalid Data	This transaction cannot be processed.	The merchant selected a value for the PaymentAction field that is not supported.
10512	Invalid Data	This transaction cannot be processed. Please enter a first name.	The first name of the buyer is required for this merchant.
10513	Invalid Data	This transaction cannot be processed. Please enter a last name.	The last name of the buyer is required for this merchant.
10519	Invalid Data	Please enter a credit card.	The credit card field was blank.
10520	Invalid Data	This transaction cannot be processed.	The total amount and item amounts do not match.
10521	Invalid Data	This transaction cannot be processed. Please enter a valid credit card.	The credit card entered is invalid.
10523	Internal Error	This transaction cannot be processed.	None. This is a PayPal internal error.
10525	Invalid Data	This transaction cannot be processed. The amount to be charged is zero.	The merchant entered an amount of zero.
10526	Invalid Data	This transaction cannot be processed. The currency is not supported at this time.	The currency code entered is not supported.
10527	Invalid Data	This transaction cannot be processed. Please enter a valid credit card number and type.	The credit card entered is invalid.
10534	Gateway Decline	This transaction cannot be processed. Please enter a valid credit card number and type.	The credit card entered is currently restricted by PayPal. Contact PayPal for more information.
10535	Gateway Decline	This transaction cannot be processed. Please enter a valid credit card number and type.	The credit card entered is invalid.

Error Code	Short Message	Long Message	Corrective Action
10536	Invalid Data	This transaction cannot be processed.	The merchant entered an invoice ID that is already associated with a transaction by the same merchant. By default, the invoice ID must be unique for all transactions. To change this setting, log into PayPal or contact customer service.
10537	Filter Decline	This transaction cannot be processed.	The transaction was declined by the country filter managed by the merchant. To accept this transaction, change your risk settings on PayPal.
10538	Filter Decline	This transaction cannot be processed.	The transaction was declined by the maximum amount filter managed by the merchant. To accept this transaction, change your risk settings on PayPal.
10539	Filter Decline	This transaction cannot be processed.	The transaction was declined by PayPal. Contact PayPal for more information.
10540	Invalid Data	The transaction cannot be processed due to an invalid address.	The transaction was declined by PayPal because of an invalid address.
10541	Gateway Decline	This transaction cannot be processed. Please enter a valid credit card number and type.	The credit card entered is currently restricted by PayPal. Contact PayPal for more information.
10542	Invalid Data	This transaction cannot be processed. Please enter a valid email address.	The email address provided by the buyer is in an invalid format.
10544	Gateway Decline	This transaction cannot be processed.	The transaction was declined by PayPal. Contact PayPal for more information.
10545	Gateway Decline	This transaction cannot be processed.	The transaction was declined by PayPal because of possible fraudulent activity. Contact PayPal for more information.
10546	Gateway Decline	This transaction cannot be processed.	The transaction was declined by PayPal because of possible fraudulent activity on the IP address. Contact PayPal for more information.
10547	Internal Error	This transaction cannot be processed.	None. This is a PayPal internal error.
10548	Invalid Configuration	This transaction cannot be processed. The merchant's account is not able to process transactions.	The merchant account attempting the transaction is not a business account at PayPal. Check your account settings.

Error Code	Short Message	Long Message	Corrective Action
10549	Invalid Configuration	This transaction cannot be processed. The merchan's account is not able to process transactions.	The merchant account attempting the transaction is not able to process Direct Payment transactions. Contact PayPal for more information.
10550	Invalid Configuration	This transaction cannot be processed.	Access to Direct Payment was disabled for your account. Contact PayPal for more information.
10552	Invalid Configuration	This transaction cannot be processed.	The merchant account attempting the transaction does not have a confirmed email address with PayPal. Check your account settings.
10553	Gateway Decline	This transaction cannot be processed.	The merchant attempted a transaction where the amount exceeded the upper limit for that merchant.
10554	Filter Decline	This transaction cannot be processed.	The transaction was declined because of a merchant risk filter for AVS. Specifically, the merchant has set to decline transaction when the AVS returned a no match (AVS = N).
10555	Filter Decline	This transaction cannot be processed.	The transaction was declined because of a merchant risk filter for AVS. Specifically, the merchant has set the filter to decline transactions when the AVS returns a partial match.
10556	Filter Decline	This transaction cannot be processed.	The transaction was declined because of a merchant risk filter for AVS. Specifically, the merchant has set the filter to decline transactions when the AVS is unsupported.
10561	Invalid Data	There's an error with this transaction. Please enter complete billing address.	
10562	Invalid Data	This transaction cannot be processed. Please enter a valid credit card expiration year.	
10563	Invalid Data	This transaction cannot be processed. Please enter a valid credit card expiration month.	
10564	Gateway Decline	This transaction cannot be processed.	There was a problem processing this transaction.

Error Code	Short Message	Long Message	Corrective Action
10565	Merchant country unsupported	The merchant country is not supported.	
10566	Credit card type unsupported	The credit card type is not supported.	
10567	Invalid Data	This transaction cannot be processed. Please enter a valid credit card number and type.	
10571	Transaction approved, but with invalid Card Security Code (CSC) format.	This transaction was approved, although the Card Security Code (CSC) had too few, too many, or invalid characters. Based on your account profile settings, the invalid CSC was not given to the card issuer for its approval process.	If you want to require valid CVV values, change the risk control settings in your account profile.
10701	Invalid Data	There's an error with this transaction. Please enter a valid billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10702	Invalid Data	There's an error with this transaction. Please enter a valid address1 in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10703	Invalid Data	There's an error with this transaction. Please enter a valid address2 in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10704	Invalid Data	There's an error with this transaction. Please enter a valid city in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10705	Invalid Data	There's an error with this transaction. Please enter a valid state in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10706	Invalid Data	There's an error with this transaction. Please enter a valid postal code in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10707	Invalid Data	There's an error with this transaction. Please enter a valid country in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10708	Invalid Data	There's an error with this transaction. Please enter a complete billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.

Error Code	Short Message	Long Message	Corrective Action
10709	Invalid Data	There's an error with this transaction. Please enter an address1 in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10709	Invalid Data	There's an error with this transaction. Please enter an address1 in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10710	Invalid Data	There's an error with this transaction. Please enter a city in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10710	Invalid Data	There's an error with this transaction. Please enter a city in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10711	Invalid Data	There's an error with this transaction. Please enter your state in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10712	Invalid Data	There's an error with this transaction. Please enter your five digit postal code in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10713	Invalid Data	There's an error with this transaction. Please enter a country in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10713	Invalid Data	There's an error with this transaction. Please enter a country in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10714	Invalid Data	There's an error with this transaction. Please enter a valid billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10715	Invalid Data	There's an error with this transaction. Please enter a valid state in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10716	Invalid Data	There's an error with this transaction. Please enter your five digit postal code in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10717	Invalid Data	There's an error with this transaction. Please enter a valid postal code in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.

Error Code	Short Message	Long Message	Corrective Action
10718	Invalid Data	There's an error with this transaction. Please enter a valid city and state in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10719	Invalid Data	There's an error with this transaction. Please enter a valid shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10720	Invalid Data	There's an error with this transaction. Please enter a valid address1 in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10721	Invalid Data	There's an error with this transaction. Please enter a valid address2 in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10722	Invalid Data	There's an error with this transaction. Please enter a valid city in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10723	Invalid Data	There's an error with this transaction. Please enter a valid state in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10724	Invalid Data	There's an error with this transaction. Please enter your five digit postal code in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10725	Invalid Data	There's an error with this transaction. Please enter a valid country in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10726	Invalid Data	There's an error with this transaction. Please enter a complete shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10726	Invalid Data	There's an error with this transaction. Please enter a complete shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10727	Invalid Data	There's an error with this transaction. Please enter an address1 in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10727	Invalid Data	There's an error with this transaction. Please enter an address1 in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.

Error Code	Short Message	Long Message	Corrective Action
10728	Invalid Data	There's an error with this transaction. Please enter a city in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10728	Invalid Data	There's an error with this transaction. Please enter a city in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10729	Invalid Data	There's an error with this transaction. Please enter your state in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10730	Invalid Data	There's an error with this transaction. Please enter your five digit postal code in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10731	Invalid Data	There's an error with this transaction. Please enter a country in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10731	Invalid Data	There's an error with this transaction. Please enter a country in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10732	Invalid Data	There's an error with this transaction. Please enter a valid shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10733	Invalid Data	There's an error with this transaction. Please enter a valid state in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10734	Invalid Data	There's an error with this transaction. Please enter your five digit postal code in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10735	Invalid Data	There's an error with this transaction. Please enter your five digit postal code in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10736	Invalid Data	There's an error with this transaction. Please enter a valid city and state in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10744	Invalid Data	This transaction cannot be processed. Please enter a valid country code in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.

Error Code	Short Message	Long Message	Corrective Action
10745	Invalid Data	This transaction cannot be processed. Please enter a valid country code in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10746	Invalid Data	This transaction cannot be processed. Please use a valid country on the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10747	Invalid Data	This transaction cannot be processed.	The merchant entered an IP address that was in an invalid format. The IP address must be in a format such as `123.456.123.456`.
10748	Invalid Data	This transaction cannot be processed without a Credit Card Verification Number.	The merchant's configuration requires a CVV to be entered, but no CVV was provided with this transaction. Contact PayPal if you wish to change this setting.
10750	Invalid Data	There's an error with this transaction. Please enter a valid state in the shipping address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10751	Invalid Data	There's an error with this transaction. Please enter a valid state in the billing address.	The merchant provided an address either in the United States or Canada, but the state provided is not a valid state in either country.
10752	Gateway Decline	This transaction cannot be processed.	The transaction was declined by the issuing bank, not PayPal. The merchant should attempt another card.
10754	Gateway Decline	This transaction cannot be processed.	The transaction was declined by PayPal. Contact PayPal for more information.
10755	Invalid Data	This transaction cannot be processed due to an unsupported currency.	The currency code entered by the merchant is not supported.
10756	Gateway Decline	The transaction cannot be processed. The country and billing address associated with this credit card do not match.	None. This is a PayPal internal error.
10758	Invalid Configuration	There's been an error due to invalid API username and/or password.	The API username or password is incorrect for this merchant.
10759	Gateway Decline	This transaction cannot be processed. Please enter a valid credit card number and type.	The transaction was declined by PayPal. Contact PayPal for more information.

Error Code	Short Message	Long Message	Corrective Action
10760	Invalid Configuration	This transaction cannot be processed. The country listed for your business address is not currently supported.	The merchant's country of residence listed in their PayPal account is not currently supported to allow Direct Payment transactions.
10761	Gateway Decline	This transaction cannot be processed. Please check the status of your first transaction before placing another order.	The transaction was declined because PayPal is currently processing a transaction by the same buyer for the same amount. Can occur when a buyer submits multiple, identical transactions in quick succession.
10762	Gateway Decline	This transaction cannot be processed.	The CVV provide is invalid. The CVV is between 3-4 digits long.
10763	Invalid Data	This transaction cannot be processed.	None - this is a PayPal internal error.
10764	This transaction cannot be processed at this time. Please try again later.	This transaction cannot be processed at this time. Please try again later.	The transaction was declined by PayPal. Please try again later. If the problem persists, please contact PayPal.
11068	Seller restriction.	All sellers restricted.	
11610	Payment Pending your review in Fraud Management Filters	Payment Pending your review in Fraud Management Filters	
11611	Transaction blocked by your settings in FMF	Transaction blocked by your settings in FMF	
11612	Could not process your request to accept/deny the transaction	Could not process your request to accept/deny the transaction	
11821	This transaction cannot be processed	This transaction cannot be processed because it has already been denied by a Fraud Management Filter	You cannot capture a payment after it has been denied by a Fraud Management Filter. You can control whether a Fraud Management Filter denies a transaction by changing the filter's settings in the profile.
12000	Transaction is not compliant due to missing or invalid 3-D Secure authentication values.	Transaction is not compliant due to missing or invalid 3-D Secure authentication values.	Check ECI, ECI3DS, CAVV, XID fields.
12001	Transaction is not compliant due to missing or invalid 3-D Secure authentication values.	Transaction is not compliant due to missing or invalid 3-D Secure authentication values.	Check ECI, ECI3DS, CAVV, XID fields.

Error Code	Short Message	Long Message	Corrective Action
15001	Gateway Decline	This transaction cannot be processed.	The transaction was rejected by PayPal because of excessive failures over a short period of time for this credit card. Contact PayPal for more information.
15002	Gateway Decline	This transaction cannot be processed.	The transaction was declined by PayPal. Contact PayPal for more information.
15003	Invalid Configuration	This transaction cannot be processed.	The transaction was declined because the merchant does not have a valid commercial entity agreement on file with PayPal. Contact PayPal for more information.
15004	Gateway Decline	This transaction cannot be processed. Please enter a valid Credit Card Verification Number.	The transaction was declined because the CVV entered does not match the credit card.
15005	Processor Decline	This transaction cannot be processed.	The transaction was declined by the issuing bank, not PayPal. The merchant should attempt another card.
15006	Processor Decline	This transaction cannot be processed. Please enter a valid credit card number and type.	The transaction was declined by the issuing bank, not PayPal. The merchant should attempt another card.
15007	Processor Decline	This transaction cannot be processed. Please use a valid credit card.	The transaction was declined by the issuing bank because of an expired credit card. The merchant should attempt another card.
15008	Invalid Data	This transaction has been completed, but the total of items in the cart did not match the total of all items.	

SetExpressCheckout API Errors

SetExpressCheckout API Errors

Error Code	Short Message	Long Message	Correcting This Error...
10001	ButtonSource value truncated.	The transaction could not be loaded	
10001	Internal Error	Internal Error	
10003	Missing argument.	OtherPaymentMethodID is missing.	

Error Code	Short Message	Long Message	Correcting This Error...
10003	Missing argument.	OtherPaymentMethodLabel is missing.	
10003	Missing argument.	OtherPaymentMethodType is missing.	
10003	Missing argument.	One or more of these giropay URLs is missing: giropaySuccessURL, giropayCancelURL, BanktxnPendingURL.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Transaction refused because of an invalid argument. See additional error messages for details.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The transaction id is not valid	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid value for request billing address parameter.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid item URL.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	OtherPaymentMethodType is invalid.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	RegistrationDate of buyer is invalid.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay buyer feedback overall positive count.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay buyer feedback overall negative count.	

Error Code	Short Message	Long Message	Correcting This Error...
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay buyer feedback total positive count.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay buyer feedback total negative count.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay buyer feedback recent positive count.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay buyer feedback recent negative count.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	SellerRegistrationDate is invalid.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay seller feedback overall positive count.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay seller feedback overall negative count.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay seller feedback total positive count.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay seller feedback total negative count.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay seller feedback recent positive count.	

Error Code	Short Message	Long Message	Correcting This Error...
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay seller feedback recent negative count.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay item transaction date.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay item buyer protection type.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay item payment hold risk.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Multiple eBay order IDs not allowed.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	AllowPushFunding value specified is invalid. It must be 0 or 1 or an empty string.	
10005	Option not supported.	Merchant not enabled to use enhanced checkout data.	
10005	Option not supported.	Merchant not enabled to use OtherPaymentMethodDetails.	
10005	Option not supported.	Transaction ID is not supported.	
10007	Permission denied	You do not have permission to make this API call	
10010	Invalid Invoice	Non-ASCII invoice id is not supported.	
10101	Option not supported.	Express Checkout temporarily unavailable. Please try later.	
10102	PaymentAction of Order Temporarily Unavailable	PaymentAction of Order is temporarily unavailable. Please try later or use other PaymentAction.	

Error Code	Short Message	Long Message	Correcting This Error...
10103	Please use another Solution Type.	Your Solution Type is temporarily unavailable. If possible, please use another Solution Type.	
10400	Transaction refused because of an invalid argument. See additional error messages for details.	OrderTotal is missing.	
10401	Transaction refused because of an invalid argument. See additional error messages for details.	Order total is invalid.	
10402	Authorization only is not allowed for merchant.	This merchant account is not permitted to set PaymentAction to Authorization. Please contact Customer Service.	
10404	Transaction refused because of an invalid argument. See additional error messages for details.	ReturnURL is missing.	
10405	Transaction refused because of an invalid argument. See additional error messages for details.	CancelURL is missing.	
10407	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid buyer email address (BuyerEmail).	
10409	You're not authorized to access this info.	Express Checkout token was issued for a merchant account other than yours.	
10410	Invalid token	Invalid token.	

Error Code	Short Message	Long Message	Correcting This Error...
10411	This Express Checkout session has expired.	This Express Checkout session has expired. Token value is no longer valid.	If you receive this error, you must return your buyer to PayPal to approve the use of PayPal again. Display an error message to inform the buyer that the transaction expired, and provide a button to return to PayPal. In this situation, you are effectively restarting the entire checkout process. (Do not reuse the expired token value on `SetExpressCheckout` request.) However, because you already know the final `OrderTotal`, be sure to update the value for that element if appropriate. You might also want to update the values for `ReturnURL` and `CancelURL`, if necessary.
10412	Duplicate invoice	Payment has already been made for this InvoiceID.	PayPal checks that `InvoiceID` values are unique for any particular merchant. If you send an `InvoiceID` value already associated with another transaction in the PayPal system, PayPal returns error code 10412. You might not be able to correct this error during an actual checkout. If you receive this error, research why it might occur and modify your implementation of Express Checkout to ensure that you generate unique invoice identification numbers.
10413	Transaction refused because of an invalid argument. See additional error messages for details	The totals of the cart item amounts do not match order amounts.	If you receive this error, be sure the total of the payment detail item parameters, such as ItemTotal, HandlingTotal, TaxTotal, and so forth add up to the order total.

Error Code	Short Message	Long Message	Correcting This Error...
10415	Transaction refused because of an invalid argument. See additional error messages for details.	A successful transaction has already been completed for this token.	PayPal allows a token only once for a successful transaction. If you determine that your buyers are clicking your "Place Order" button twice, PayPal recommends that you disable the button after your buyer has clicked it.
10418	Transaction refused because of an invalid argument. See additional error messages for details	The currencies of the shopping cart amounts must be the same.	
10425	Express Checkout has been disabled for this merchant.	Express Checkout has been disabled for this merchant. Please contact Customer Service.	
10426	Transaction refused because of an invalid argument. See additional error messages for details	Item total is invalid.	
10427	Transaction refused because of an invalid argument. See additional error messages for details	Shipping total is invalid.	
10428	Transaction refused because of an invalid argument. See additional error messages for details	Handling total is invalid.	
10429	Transaction refused because of an invalid argument. See additional error messages for details	Tax total is invalid.	
10430	Transaction refused because of an invalid argument. See additional error messages for details	Item amount is missing.	
10431	Transaction refused because of an invalid argument. See additional error messages for details	Item amount is invalid.	

Error Code	Short Message	Long Message	Correcting This Error...
10432	Transaction refused because of an invalid argument. See additional error messages for details	Invoice ID value exceeds maximum allowable length.	
10433	Transaction refused because of an invalid argument. See additional error messages for details	Value of Order Description has been truncated.	
10434	Transaction refused because of an invalid argument. See additional error messages for details	Value of Custom element has been truncated.	
10436	Transaction refused because of an invalid argument. See additional error messages for details.	PageStyle value exceeds maximum allowable length.	
10437	Transaction refused because of an invalid argument. See additional error messages for details.	cpp-header-image value exceeds maximum allowable length.	
10438	Transaction refused because of an invalid argument. See additional error messages for details.	cpp-header-image value exceeds maximum allowable length.	
10439	Transaction refused because of an invalid argument. See additional error messages for details.	cpp-header-image value exceeds maximum allowable length.	
10440	Transaction refused because of an invalid argument. See additional error messages for details.	cpp-header-image value exceeds maximum allowable length.	
10441	Transaction refused because of an invalid argument. See additional error messages for details	The NotifyURL element value exceeds maximum allowable length.	
10442	ButtonSource value truncated.	The ButtonSource element value exceeds maximum allowable length.	
10446	Transaction refused because of an invalid argument. See additional error messages for details.	Sale is only allowed PaymentAction.	

Error Code	Short Message	Long Message	Correcting This Error...
10457	Error occurred in communicating to eBay	eBay API creation error	
10458	Error occurred in communicating to eBay	eBay API unknown failure	
10459	Error occurred in communicating to eBay	eBay API failure	
10460	Error occurred in communicating to eBay	Parsing error	
10461	Error occurred in communicating to eBay	Item number invalid, removed, or unavailable	
10462	Error occurred in communicating to eBay	Order not found	
10463	Error occurred in communicating to eBay	eBay user password incorrect	
10464	Error occurred in communicating to eBay	Item ID and Transaction ID mismatch	
10465	Error occurred in communicating to eBay	eBay user invalid	
10467	Error occurred in communicating to eBay	Duplicate Item ID	
10468	Transaction refused because of an invalid argument. See additional error messages for details	Duplicate Order ID	
10469	PaymentAction of Order Temporarily Unavailable	Express Auctions is unavailable	
10470	Wowo flag is off for ExpressO feature	Solution Type passed as Sole while ExpressO feature is turned off	
10471	Transaction refused because of an invalid argument. See additional error messages for details	ReturnURL is missing	
10472	Transaction refused because of an invalid argument. See additional error messages for details	CancelURL is missing	
10473	Error occurred in communicating to eBay	Multiple Order IDs are not supported	

Error Code	Short Message	Long Message	Correcting This Error...
10474	Invalid Data	This transaction cannot be processed. The country code in the shipping address must match the buyer's country of residence	
10475	Transaction refused because of an invalid argument. See additional error messages for details	This transaction cannot be completed with PaymentAction of Sale	
10476	Invalid Data	Maximum number of billing agreements exceeded	
10477	Invalid Data	More than one billing agreement specified for reference transaction	
10478	Invalid Data	Recurring payments profile description must be provided if the billing agreement type is recurring payments	
10479	Invalid Data	Billing agreement types cannot be mixed in the same request	
10480	Invalid Data	Invalid billing agreement type	
10537	Risk Control Country Filter Failure	The transaction was refused because the country was prohibited as a result of your Country Monitor Risk Control Settings.	
10538	Risk Control Max Amount Failure	The transaction was refused because the maximum amount was excceeded as a result of your Maximum Amount Risk Control Settings.	
10539	Payment declined by your Risk Controls settings: PayPal Risk Model.	Payment declined by your Risk Controls settings: PayPal Risk Model.	
10725	Shipping Address Country Error	There was an error in the Shipping Address Country field	
10727	Shipping Address1 Empty	The field Shipping Address1 is required	
10728	Shipping Address City Empty	The field Shipping Address City is required	
10729	Shipping Address State Empty	The field Shipping Address State is required	

Error Code	Short Message	Long Message	Correcting This Error...
10730	Shipping Address Postal Code Empty	The field Shipping Address Postal Code is required	
10731	Shipping Address Country Empty	The field Shipping Address Country is required	
10736	Shipping Address Invalid City State Postal Code	A match of the Shipping Address City, State, and Postal Code failed.	
10800	Invalid Data	Your request is too long. Check URLs and other long strings.	
11001	Exceeds maximum length.	Value of NoteText element is truncated.	
11001	Exceeds maximum length.	OtherPaymentMethodID exceeds maximum length.	
11001	Exceeds maximum length.	OtherPaymentMethodLabel exceeds maximum length.	
11001	Exceeds maximum length.	OtherPaymentMethodLabelDescription exceeds maximum length.	
11001	Exceeds maximum length.	OtherPaymentMethodLongDescription exceeds maximum length.	
11001	Exceeds maximum length.	OtherPaymentMethodLongDescriptionTitle exceeds maximum length.	
11001	Exceeds maximum length.	OtherPaymentMethodIcon exceeds maximum length.	
11068	Seller restriction.	All sellers restricted.	
11547	Recurring payments temporarily unavailable; try again later	Recurring payments temporarily unavailable.	
11601	Request for billing address failed	Billing address request is not enabled for merchant	
11602	Request for billing address failed	Feature not yet available	
11801	Invalid Data	You cannot pass both new and deprecated parameter address fields.	
11802	Invalid Data	You cannot pass both the new and deprecated Custom parameter.	
11803	Invalid Data	You cannot pass both the new and deprecated Invoice ID parameter.	

Error Code	Short Message	Long Message	Correcting This Error...
11804	Invalid Data	You cannot pass both the new and deprecated order description.	
11805	Invalid Data	You cannot pass both the new and deprecated order total or amount parameters.	
11806	Invalid Data	You cannot pass both the new and deprecated ProfileAddressChangeDate parameter.	
11807	Invalid Data	You cannot pass both the new and deprecated ShippingMethod parameter.	
11810	Transaction refused because of an invalid argument. See additional error messages for details	Invalid Insurance Amount.	
11811	Transaction refused because of an invalid argument. See additional error messages for details	Invalid Shipping Discount.	
11812	Invalid Data	The value of Description parameter has been truncated.	
11813	Transaction refused because of an invalid argument. See additional error messages for details	Invalid callback URL.	
	Callback URL is wrong type	Callback URL is wrong type; you must use the HTTPS	Ensure that your callback URL starts with `https://`.
11814	Invalid data	Invalid value for AllowNote.	
11815	Transaction refused because of an invalid argument. See additional error messages for details	Item sales tax is invalid.	
	Callback options missing	You must specify callback options when you specify a callback URL	
	Invalid callback timeout	The callback timeout is is zero; you must specify a longer timeout	
	Line items missing	Line items are required when specify a callback URL for flate rate shipping options	

Error Code	Short Message	Long Message	Correcting This Error...
	Callback URL is too long	The callback URL must not exceed 1,024 characters	
	Multiple default shipping options specified	You can only specify one default shipping option at a time	
	No default shipping option specified	You must specify a default shipping option	
	Invalid shipping total	Invalid shipping total; it should equal the shipping amount of the default shipping option	
	Invalid shipping options	Invalid shipping options; you must specify a name and amount for each shipping option	
11821	Invalid shipping options	Invalid shipping options; you must specify a name and amount for each shipping option type	
11822	Multiple default shipping options specified	More than one shipping option type is marked as the default; you can only specify one default shipping option at a time	
11823	No default shipping option specified	You must specify one shipping option type as the default	
11824	Invalid callback timeout	The callback timeout is zero; you must specify a longer timeout value	
11825	Flat-rate shipping options are missing	Flat-rate shipping options are missing; you must specify flat-rate shipping options when you specify a callback URL	
11826	Invalid shipping total	Invalid shipping total; it should equal the shipping amount of the selected shipping option	
11827	Line items missing	Line items missing; line items are required when you specify a callback URL for flat-rate shipping options	
11828	Maximum amount of order not specified	Maximum amount of order not specified; you must specify the estimated value of the order when using a flat-rate shipping option	
11829	Shipping total is missing	Shipping total is missing; you must specify a shipping total when using a flat-rate shipping option	

Error Code	Short Message	Long Message	Correcting This Error...
11830	Insurance amount is missing	Insurance amount is missing; you have offered insurance but have not specified an amount.	
11831	Callback URL is too long	Callback URL is too long; it must not exceed 1,024 characters	
11832	Maximum amount of order is less than itemized amounts	Maximum amount of order is less than itemized amounts; the value of all items, including handling, shipping, tax, and insurance cannot be greater than the maximum amount of the order	
12109	Option not supported.	Seller blocks payments via eBay checkout for all eBay items.	
12124	Option not supported.	Express Checkout not supported for you.	
12200	Buyer ID is not present.	Buyer ID must be specified to process an Immediate Payment item.	
12201	Immediate Payment item was not found.	The item specified is either not valid or is not currently available for purchase as an Immediate Payment item.	Please check that the item is a valid Immediate Payment item.
12202	More than one eBay item is present.	Only one Immediate Payment item can be paid for in a single PayPal payment transaction.	
12205	eBay Transaction ID and eBay Order ID must be null.	Requests for eBay Immediate Payment items should not contain either eBay transaction ID or eBay order ID. If the fields are present, they should contain null values.	
12207	Cart ID is required for Immediate Payment item.	Cart ID is required for Immediate Payment item.	
12208	eBay item amount does not match Express Checkout API item amount.	eBay item amount must match Express Checkout API item amount.	
13100	Parallel payments functionality is not available	Parallel payments functionality is not available	
13101	Invalid Data	Payment action of Order is only supported for parallel payments	
13102	Payment Request ID is missing	Payment Request ID is mandatory for parallel payments	

Error Code	Short Message	Long Message	Correcting This Error...
13103	Duplicate Payment Request ID passed	Payment Request ID must be unique for parallel payments	
13104	Transaction refused because of an invalid argument. See Additional error messages for details.	Number of payment requests exceeds maximum number of supported requests.	
13105	Invalid Data	Billing Agreement is not supported for parallel payments.	
13106	Invalid Data	You cannot pass both the new and deprecated PaymentAction parameter.	
13108	Merchant is not eligible.	Merchant is not eligible for parallel payments.	
13110	Multi Payments Sale is Not allowed	Due to some technical diffculties the Multi Payments for Sale is not avaliable now please try again later.	
13111	Mixed Payment action not supported	The Payment Action passed should be unique, mixed Payment Action not supported	
13114	Buyer Didn't Complete	The Buyer returned without completing the payment	
13115	Seller ID Missing	Seller ID is mandatory for parallel payments	
13116	Transaction refused because of an invalid argument. See additional error messages for details.	The transaction is in progress for this token.	

GetExpressCheckoutDetails API Errors

GetExpressCheckoutDetails API Errors

Error Code	Short Message	Long Message	Correcting This Error...
10001	Internal Error	Internal Error	
10001	Internal Error	Transaction failed due to internal error	
10001	ButtonSource value truncated.	The transaction could not be loaded	

Error Code	Short Message	Long Message	Correcting This Error...
10001	ButtonSource value truncated.	The transaction could not be loaded	
10003	Missing argument.	OtherPaymentMethodID is missing.	
10003	Missing argument.	OtherPaymentMethodLabel is missing.	
10003	Missing argument.	OtherPaymentMethodType is missing.	
10003	Missing argument.	One or more of these giropay URLs is missing: giropaySuccessURL, giropayCancelURL, BanktxnPendingURL.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Transaction refused because of an invalid argument. See additional error messages for details.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The transaction id is not valid	
10004	Invalid transaction type	You can not get the details for this type of transaction	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The transaction could not be loaded	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The transaction id is not valid	
10007	Permission denied	You do not have permission to make this API call	
10007	Permission denied	You do not have permission to get the details of this transaction	
10007	Permission denied	You do not have permission to make this API call	
10408	Express Checkout token is missing.	Express Checkout token is missing.	
10409	You're not authorized to access this info.	Express Checkout token was issued for a merchant account other than yours.	
10410	Invalid token	Invalid token.	

Error Code	Short Message	Long Message	Correcting This Error...
10411	This Express Checkout session has expired.	This Express Checkout session has expired. Token value is no longer valid.	
13112	Cannot Pay Seller.	The Buyer will not be able to Pay the seller for this transaction	
13113	Buyer Cannot Pay.	The Buyer cannot pay with PayPal for this transaction.	
13116	Transaction refused because of an invalid argument. See additional error messages for details.	The transaction is in progress for this token.	

DoExpressCheckoutPayment API Errors

DoExpressCheckoutPayment API Errors

Error Code	Short Message	Long Message	Correcting This Error...
10001	Internal Error	Transaction failed due to internal error	
10001	Internal Error	Warning an internal error has occurred. The transaction id may not be correct	
10001	ButtonSource value truncated.	The transaction could not be loaded	
10001	Internal Error	Internal Error	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Transaction refused because of an invalid argument. See additional error messages for details.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The transaction id is not valid	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid item URL.	

Error Code	Short Message	Long Message	Correcting This Error...
10004	Transaction refused because of an invalid argument. See additional error messages for details.	SellerRegistrationDate is invalid.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay seller feedback overall positive count.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay seller feedback overall negative count.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay seller feedback total positive count.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay seller feedback total negative count.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay seller feedback recent positive count.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay seller feedback recent negative count.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay item transaction date.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay item buyer protection type.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid eBay item payment hold risk.	

Error Code	Short Message	Long Message	Correcting This Error...
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Multiple eBay order IDs not allowed.	
10007	Permission denied	You do not have permissions to make this API call	
10406	Transaction refused because of an invalid argument. See additional error messages for details.	The PayerID value is invalid.	
10408	Express Checkout token is missing.	Express Checkout token is missing.	
10409	You're not authorized to access this info.	Express Checkout token was issued for a merchant account other than yours.	
10410	Invalid token	Invalid token.	
10411	This Express Checkout session has expired.	This Express Checkout session has expired. Token value is no longer valid.	
10412	Duplicate invoice	Payment has already been made for this InvoiceID.	
10413	Transaction refused because of an invalid argument. See additional error messages for details	The totals of the cart item amounts do not match order amounts.	If you receive this error, be sure the total of the payment detail item parameters, such as ItemTotal, HandlingTotal, TaxTotal, and so forth add up to the order total.
10414	Transaction refused because of an invalid argument. See additional error messages for details.	The amount exceeds the maximum amount for a single transaction.	
10415	Transaction refused because of an invalid argument. See additional error messages for details.	A successful transaction has already been completed for this token.	
10416	Transaction refused because of an invalid argument. See additional error messages for details.	You have exceeded the maximum number of payment attempts for this token.	

Error Code	Short Message	Long Message	Correcting This Error...
10417	Transaction cannot complete.	The transaction cannot complete successfully. Instruct the customer to use an alternative payment method.	Instruct the buyer that PayPal is unable to process the payment and redisplay alternative payment methods with which the buyer can pay.
10418	Transaction refused because of an invalid argument. See additional error messages for details.	The currencies of the shopping cart amounts must be the same.	
10419	Express Checkout PayerID is missing.	Express Checkout PayerID is missing.	
10420	Transaction refused because of an invalid argument. See additional error messages for details.	Express Checkout PaymentAction is missing.	
10421	This Express Checkout session belongs to a different customer.	This Express Checkout session belongs to a different customer. Token value mismatch.	Verify that your programs are properly associating the Tokens and PayerIDs.
10422	Customer must choose new funding sources.	The customer must return to PayPal to select new funding sources.	
10424	Transaction refused because of an invalid argument. See additional error messages for details.	Shipping address is invalid.	If you receive this error message, PayPal recommends that you return your buyer to PayPal to review and approve new valid funding sources. Although this error is rare, you should consider trapping the error to display a message to the buyer describing what happened, along with a button or hyperlink to return to PayPal.
10426	Transaction refused because of an invalid argument. See additional error messages for details.	Item total is invalid.	
10427	Transaction refused because of an invalid argument. See additional error messages for details.	Shipping total is invalid.	
10428	Transaction refused because of an invalid argument. See additional error messages for details.	Handling total is invalid.	

Error Code	Short Message	Long Message	Correcting This Error...
10429	Transaction refused because of an invalid argument. See additional error messages for details.	Tax total is invalid.	
10431	Item amount is invalid.	Item amount is invalid.	
10432	Transaction refused because of an invalid argument. See additional error messages for details.	Invoice ID value exceeds maximum allowable length.	
10433	Transaction refused because of an invalid argument. See additional error messages for details.	Value of OrderDescription element has been truncated.	
10434	Transaction refused because of an invalid argument. See additional error messages for details.	Value of Custom element has been truncated.	
10435	Transaction refused because of an invalid argument. See additional error messages for details.	The customer has not yet confirmed payment for this Express Checkout session.	
10441	Transaction refused because of an invalid argument. See additional error messages for details.	The NotifyURL element value exceeds maximum allowable length.	
10442	ButtonSource value truncated.	The ButtonSource element value exceeds maximum allowable length.	
10443	Transaction refused because of an invalid argument. See additional error messages for details.	This transaction cannot be completed with PaymentAction of Order.	
10444	Transaction refused because of an invalid argument. See additional error messages for details.	The transaction currency specified must be the same as previously specified.	
10445	This transaction cannot be processed at this time. Please try again later.	This transaction cannot be processed at this time. Please try again later.	
10446	Unconfirmed email	A confirmed email is required to make this API call.	

Error Code	Short Message	Long Message	Correcting This Error...
10474	Invalid Data	This transaction cannot be processed. The country code in the shipping address must match the buyer's country of residence.	The buyer selects the country of residence when they sign up for their PayPal account. The country of residence displays after the dash in the title on the Account Overview page.
10481	Transaction refused because of an invalid argument. See additional error messages for details.	PaymentAction of Authorization is not allowed with Unilateral and Non-Credentialed authentication.	
10482	Transaction refused because of an invalid argument. See additional error messages for details.	PaymentAction of Order is not allowed with Unilateral and Non-Credentialed authentication.	
10537	Risk Control Country Filter Failure	The transaction was refused because the country was prohibited as a result of your Country Monitor Risk Control Settings.	
10538	Risk Control Max Amount Failure	The transaction was refused because the maximum amount was excceeded as a result of your Maximum Amount Risk Control Settings.	
10539	Payment declined by your Risk Controls settings: PayPal Risk Model.	Payment declined by your Risk Controls settings: PayPal Risk Model.	
10725	Shipping Address Country Error	There was an error in the Shipping Address Country field	
10727	Shipping Address1 Empty	The field Shipping Address1 is required	
10728	Shipping Address City Empty	The field Shipping Address City is required	
10729	Shipping Address State Empty	The field Shipping Address State is required	
10730	Shipping Address Postal Code Empty	The field Shipping Address Postal Code is required	
10731	Shipping Address Country Empty	The field Shipping Address Country is required	

Error Code	Short Message	Long Message	Correcting This Error...
10736	Shipping Address Invalid City State Postal Code	A match of the Shipping Address City, State, and Postal Code failed.	
11001	Exceeds maximum length.	Value of NoteText element is truncated.	
11610	Payment Pending your review in Fraud Management Filters	Payment Pending your review in Fraud Management Filters	
11611	Transaction blocked by your settings in FMF	Transaction blocked by your settings in FMF	
11612	Could not process your request to accept/deny the transaction	Could not process your request to accept/deny the transaction	
11820	Transaction refused because of an invalid argument. See additional error messages for details	Invalid Order URL.	
	Invalid shipping amount	Invalid shipping amount; it should equal the shipping amount of the selected shipping option	
	Invalid shipping options	Invalid shipping options; you must specify a name and amount for each shipping option	
11821	Invalid shipping options	Invalid shipping options; you must specify a name and amount for each shipping option type	
11826	Invalid shipping total	Invalid shipping total; it should equal the shipping amount of the selected shipping option	
12125	PP incentive no longer available.	There's a problem with the redemption code(s) you entered and can't be used at this time. Your payment has not been processed. Please go back to PayPal so that the code(s) can be removed, your order total can be updated and then you'll be able to complete checkout.	

Error Code	Short Message	Long Message	Correcting This Error...
12126	Payment could not be processed at this time. Incentive temporarily unavailable.	We're having problems processing redemption codes at this time. Your payment has not been processed. You can try to check out again at a later time or complete your payment without the discount applied.	
12201	Immediate Payment item was not found.	The item specified is either not valid or is not currently available for purchase as an Immediate Payment item.	Please check that the item is a valid Immediate Payment item.
12203	Payment rolled back because of pending item.	Payment was not created because it would have been in a pending state, which is unacceptable for Immediate Payment items.	
12204	Transaction reversed.	Error occurred causing transaction reversal.	
12206	The value of PaymentAction must be Sale for Immediate Payment item.	Order and Authorization are not acceptable values for PaymentAction when the item is an Immediate Payment	
12207	Cart ID is required for Immediate Payment item.	Cart ID is required for Immediate Payment item.	
12208	eBay item amount does not match Express Checkout API item amount.	eBay item amount does not match Express Checkout API item amount.	
13100	Parallel payments functionality is not available	Parallel payments functionality is not available	
13101	Invalid Data	Payment action of Order is only supported for parallel payments	
13102	Payment Request ID is missing	Payment Request ID is mandatory for parallel payments	
13103	Duplicate Payment Request ID passed	Payment Request ID must be unique for parallel payments	

Error Code	Short Message	Long Message	Correcting This Error...
13104	Transaction refused because of an invalid argument. See Additional error messages for details.	Number of payment requests exceeds maximum number of supported requests.	
13106	Invalid Data	You cannot pass both the new and deprecated PaymentAction parameter.	
13107	Parallel payments partially successful.	One or more payment requests failed. Check individual payment responses for more information.	
13110	Multi Payments Sale is Not allowed	Due to some technical diffculties the Multi Payments for Sale is not avaliable now please try again later.	
13111	Mixed Payment action not supported	The Payment Action passed should be unique, mixed Payment Action not supported	
13115	Seller ID Missing	Seller ID is mandatory for parallel payments	
13116	Transaction refused because of an invalid argument. See additional error messages for details.	The transaction is in progress for this token.	
13751	Could not retrieve the original successful response.	Transaction completed successfully, but could not retrieve the original successful response.	

Authorization and Capture API Errors

Authorization and Capture API Error Messages

Error Code	Short Message	Long Message	Returned By API Call...	Correcting This Error...
10001	Internal Error	Internal Error		
10001	Internal Error	Transaction failed due to internal error		
10004	Internal Error	Invalid argument		

Error Code	Short Message	Long Message	Returned By API Call...	Correcting This Error...
10007	Permission denied	You do not have permissions to make this API call		
10009	Transaction refused	Account is locked or inactive		Retry the request at a later time or close order.
10010	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid argument		
10202	Exceed max	Transaction would exceed user's monthly maximum	DoAuthorization DoCapture	
10600	Authorization voided.	Authorization is voided.	DoAuthorization DoCapture DoReauthorization DoVoid	Close the order or authorization.
10601	Authorization expired.	Authorization has expired.	DoAuthorization DoCapture DoReauthorization DoVoid	Close the order or authorization.
10602	Authorization completed.	Authorization has already been completed.	DoAuthorization DoCapture DoReauthorization DoVoid	Close the order or authorization.
10603	The buyer is restricted.	The buyer account is restricted.	DoAuthorization DoCapture DoReauthorization DoVoid	Contact the buyer.
10604	Authorization must include both buyer and seller.	Authorization transaction cannot be unilateral. It must include both buyer and seller to make an auth.	DoAuthorization	Review the order to ensure customer and seller are both PayPal members.
10605	Unsupported currency.	Currency is not supported.	DoAuthorization DoCapture	Retry the request with a PayPal-supported currency.

Error Code	Short Message	Long Message	Returned By API Call...	Correcting This Error...
10606	Buyer cannot pay.	Transaction rejected, please contact the buyer.	DoAuthorization DoCapture DoReauthorization	Contact the buyer.
10607	Auth&Capture unavailable.	Authorization & Capture feature unavailable.	DoAuthorization DoCapture DoReauthorization DoVoid	Contact PayPal Customer Service.
10608	Funding source missing.	The funding source is missing.	DoAuthorization DoCapture DoReauthorization	Contact the buyer.
10609	Invalid transactionID.	Transaction id is invalid.	DoAuthorization DoCapture DoReauthorization DoVoid	Check the validity of the authorization ID and reattempt the request.
10610	Amount limit exceeded.	Amount specified exceeds allowable limit.	DoAuthorization DoCapture DoReauthorization	Reattempt the request with a lower amount.
10611	Not enabled.	Authorization & Capture feature is not enabled for the merchant. Contact customer service.	DoAuthorization DoCapture DoReauthorization	Contact PayPal Customer Service.
10612	No more settlement.	Maxmimum number of allowable settlements has been reached. No more settlement for the authorization.	DoCapture	Close the order.
10613	Currency mismatch.	Currency of capture must be the same as currency of authorization.	DoCapture	Ensure that the currencies are the same, and retry the request.
10614	Cannot void reauth.	You can void only the original authorization, not a reauthorization.	DoVoid	Void the authorization.
10615	Cannot reauth reauth.	You can reauthorize only the original authorization, not a reauthorization.	DoReauthorization	Capture the reauthorization.
10616	Maximum number of reauthorization allowed for the auth is reached.	Maximum number of reauthorization allowed for the auth is reached.	DoReauthorization	Capture or close the authorization.

Error Code	Short Message	Long Message	Returned By API Call...	Correcting This Error...
10617	Reauthorization not allowed.	Reauthorization is not allowed inside honor period.	DoReauthorization	Capture the authorization or reauthorize outside of honor period.
10618	Transaction already voided or expired.	Transaction has already been voided or expired.	DoAuthorization DoCapture DoReauthorization DoVoid	Close the order or authorization.
10619	Invoice ID value exceeds maximum allowable length.	Invoice ID value exceeds maximum allowable length.	DoCapture	Check the length of the invoice ID and reattempt the request.
10620	Order has already been voided, expired, or completed.	Order has already been voided, expired, or completed.	DoAuthorization DoCapture DoVoid	Close this order.
10621	Order has expired.	Order has expired.	DoAuthorization DoCapture DoVoid	Close this order.
10622	Order is voided.	Order is voided.	DoAuthorization DoCapture DoVoid	Close this order.
10623	Maximum number of authorization allowed for the order is reached.	Maximum number of authorization allowed for the order is reached.	DoAuthorization DoCapture DoReauthorization DoVoid	Capture this order.
10624	Duplicate invoice	Payment has already been made for this Invoice ID.	DoAuthorization	Review the invoice ID and reattempt the request.
10625	Transaction refused because of an invalid argument. See additional error messages for details.	The amount exceeds the maximum amount for a single transaction.	DoAuthorization DoCapture DoReauthorization	Reattempt the request with a lower amount.
10626	Risk	Transaction refused due to risk model.	DoAuthorization DoCapture DoReauthorization	Contact the buyer.

Error Code	Short Message	Long Message	Returned By API Call...	Correcting This Error...
10627	Transaction refused because of an invalid argument. See additional error messages for details.	The invoice ID field is not supported for basic authorizations.	DoAuthorization DoReauthorization DoVoid	The Invoice ID field can be used only with DoCapture.
10628	This transaction cannot be processed at this time. Please try again later.	This transaction cannot be processed at this time. Please try again later.	DoAuthorization DoCapture DoReauthorization DoVoid	Retry the request at a later time.
10629	Reauthorization not allowed.	Reauthorization is not allowed for this type of authorization.	DoReauthorization	Use DoAuthorization to authorize the order.
10630	Item amount is invalid.	Item amount is invalid.	DoAuthorization DoCapture	Check the item amount to ensure that it is not zero or negative.
10631	Processor Warning.	The authorization is being processed.	DoAuthorization	
11094	This authorization cannot be voided, reauthorized, or captured against.	This authorization can only be handled through the marketplace which created it. It cannot directly be voided, reauthorized, or captured against.		

GetTransactionDetails API Errors

GetTransactionDetails API Errors

Error Code	Short Message	Long Message
10001	Internal Error	Internal Error

TransactionSearch API Errors

TransactionSearch API Errors

Error Code	Short Message	Long Message
10001	Internal Error	Internal Error
10001	ButtonSource value truncated.	The transaction could not be loaded
10003	Transaction refused because of an invalid argument. See additional error messages for details.	Start date is a required parameter
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Start date is invalid
10004	Transaction refused because of an invalid argument. See additional error messages for details.	End date is invalid
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Currency is not supported
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Transaction class is not supported
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Receipt id is not valid
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Payer email is invalid
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Auction item id is not valid

Error Code	Short Message	Long Message
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Receiver email is invalid
10004	Transaction refused because of an invalid argument. See additional error messages for details.	You can not search for a transaction id and a receipt id
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Receiver can only be specified for payments you've received
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The transaction id is not valid
10007	Permission denied	You do not have permission to search for this transaction
10007	Permission denied	You do not have permission to make this API call
11002	Search warning	The number of results were truncated. Please change your search parameters if you wish to see all your results.

RefundTransaction API Errors

RefundTransaction API Errors

Error Code	Short Message	Long Message	Correcting This Error...
10001	Internal Error	Internal Error	
10001	Internal Error	Warning an internal error has occurred. The transaction id may not be correct	
10001	Internal Error	The transaction could not be loaded.	
10002	Restricted account	Account is restricted.	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The partial refund amount must be a positive amount	

Error Code	Short Message	Long Message	Correcting This Error...
10004	Transaction refused because of an invalid argument. See additional error messages for details.	You can not specify a partial amount with a full refund	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	A transaction id is required	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The transaction id is not valid	
10007	Permission denied	You do not have permission to refund this transaction	
10007	Permission denied	You do not have permissions to make this API call	
10009	Transaction refused	You do not have a verified ACH	This error can be caused by insufficient funds in your PayPal balance to cover the amount of the refund and either of the following: - Not having yet verified the bank account associated with your PayPal account - Not having any bank account associated with your PayPal account Be sure that you have sufficient funds in your PayPal balance and that you have verified the associated bank account.
10009	Transaction refused	The partial refund amount must be less than or equal to the original transaction amount	
10009	Transaction refused	The partial refund amount must be less than or equal to the remaining amount	
10009	Transaction refused	The partial refund amount is not valid	
10009	Transaction refused	Because a complaint case exists on this transaction, only a refund of the full or full remaining amount of the transaction can be issued	

Error Code	Short Message	Long Message	Correcting This Error...
10009	Transaction refused	You are over the time limit to perform a refund on this transaction	
10009	Transaction refused	Can not do a full refund after a partial refund	
10009	Transaction refused	Account is locked or inactive	
10009	Transaction refused	The partial refund must be the same currency as the original transaction	
10009	Transaction refused	This transaction has already been fully refunded	
10009	Transaction refused	Account is restricted	
10009	Transaction refused	You can not refund this type of transaction	
10009	Transaction refused	You can not do a partial refund on this transaction	
10009	Transaction refused	The account for the counterparty is locked or inactive	
10009	Transaction refused	This transaction already has a chargeback filed	
10009	Transaction refused	You have not filled out the Direct Debit Instruction	
10011	Invalid transaction id value	Transaction refused because of an invalid transaction id value	
10755	Unsupported currency	Currency is not supported	
11603	Conflict with prior request with same Message Submission ID.	One or more critical fields in the request conflict with prior message with the same Message Submission ID (specified in MSGSUBID parameter).	
11604	Request for Message Submission ID already in progress.	Request for the specified Message Submission ID (specified in MSGSUBID parameter) cannot be started until the previous request finishes.	
11607	Duplicate request for specified Message Submission ID.	The specified Message Submission ID (specified in MSGSUBID parameter) is a duplicate; result parameters of the original request are attached.	

Error Code	Short Message	Long Message	Correcting This Error...
11996	Use Adaptive Payment Refund API	To do a refund on an Adaptive Payment transaction, please use the Adaptive Payment Refund API	
12302	Dispute Refund Not Allowed	This transaction already has a PayPal dispute filed	
13513	Duplicate request for specified Invoice ID.	The specified Invoice ID is a duplicate.	
13531	Funding source provided for this operation is not supported	The funding source provided for this operation is not supported. Please provide a valid value.	
13601	Refund cannot exceed the transaction amount.	Refunds to users without PayPal accounts cannot exceed the transaction amount.	
13602	Insufficient funds	Refund failed due to insufficient funds in your PayPal account	

MassPay API Errors

MassPay API Errors

Error Code	Short Message	Long Message
10001	Invalid account number.	The transaction failed as a result of an invalid credit card number. Check the number or attempt with another card.
10001	Internal Error	Internal Error
10001	Internal Error	The transaction could not be loaded
10001	ButtonSource value truncated.	The transaction could not be loaded
10001	Transaction refused because of an invalid argument. See additional error messages for details.	The masspay receiver_type is not a recognizable type
10002	Account locked	The user account is locked
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The number of input records is greater than maximum allowed

Error Code	Short Message	Long Message
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The number of input records is less than or equal to zero
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The note string length exceeds the maximum limit of 4000 characters
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The amount is missing
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The currency is missing
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Currency is not supported
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The amount is not a valid number
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The amount exceeds the max limit of a single mass pay item ~1
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The amount is less than or equal to zero
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The unique id string length exceeds the maximum limit of 30 characters
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The unique id string contains a space as a character

Error Code	Short Message	Long Message
10004	Transaction refused because of an invalid argument. See additional error messages for details.	The transaction id is not valid
10007	Permission denied	You do not have permissions to make this API call
10301	User not allowed	The user is not allowed to send money through Mass Pay
10303	Restricted account	Account is restricted
10304	Unconfirmed email	The user account has unconfirmed email
10305	Limit Exceeded	The user account needs to have its sending limit removed in order to make a mass payment.
10306	Limit Exceeded	The user's international account needs to have its sending limit removed in order to make a mass payment
10307	Receive only account	The user account is receive only and therefore cannot send payments out
10308	Masspay server configuration error	There is some configuration error
10309	Masspay server unavailable	The mass pay server is unavailable
10310	Unable to create payment	Unable to create payments for masspay
10311	Unable to submit payment	Unable to submit payments for masspay
10312	Masspay server error	The masspay server has reported errors
10313	Masspay Invalid Data	The masspay input file includes invalid data
10314	Masspay input parse error	The input to the masspay server is incorrect. Please make sure that you are using a correctly formatted input.
10317	Masspay Invalid Email	The masspay input file includes invalid Email
10320	Internal Error	Internal Error
10321	Insufficient funds	The account does not have sufficient funds to do this masspay
10327	Masspay Invalid UserID	The masspay input file includes invalid UserID

Recurring Payments Errors

The following table lists errors for the following APIs that handle recurring payments profiles:

- `CreateRecurringPaymentsProfile`
- `GetRecurringPaymentsProfileDetails`

- `ManageRecurringPaymentsProfileStatus`
- `UpdateRecurringPaymentsProfile`
- `BillOutstandingAmount`

Recurring Payments Errors

Error Code	Short Message	Long Message	Additional Information
10001	Invalid account number	The transaction failed as a result of invalid credit card number. Check the number or attempt with another credit card.	
10003	Missing argument	Item name, amount and quantity are required if item category is provided.	Scenario: Merchant passes item category as either Digital or Physical but does not also pass one of the following parameters: name, amount, or quantity.
10004	Transaction refused because of an invalid argument. See additional error messages for details.	You are not signed up to accept payment for digitally delivered goods.	Scenario: Merchant is not signed up for digital goods but passes item category as Digital.
10004	Cart item calculation mismatch.	Cart item calculation mismatch. The regular non-trial billing period amount is different than the sum of the amounts for each item in the cart.	Scenario: When the regular non-trial billing period amount is different than the sum of the amounts for each item in the cart.
10004	Tax calculation mismatch.	Tax calculation mismatch. The tax amount for the regular non-trial billing period is different than the sum of the tax for each item in the cart.	Scenario: When the tax for the regular non-trial billing period is different than the sum of the tax for each item in the cart.
10478	Invalid Data	Recurring payments profile description must be provided if the billing agreement type is recurring payments.	
10501	Invalid Configuration	This transaction cannot be processed due to an invalid merchant configuration.	Occurs when the billing agreement is disabled or inactive.
10502	Invalid Data	This transaction cannot be processed. Please use a valid credit card.	The credit card used is expired.
10504	Invalid Data	This transaction cannot be processed. Please enter a valid Credit Card Verification Number.	The CVV provided is invalid. The CVV is between 3-4 digits long.

Error Code	Short Message	Long Message	Additional Information
10505	Gateway Decline	This transaction cannot be processed.	The transaction was refused because the AVS response returned the value of N, and the merchant account is not able to accept such transactions.
10507	Invalid Configuration	This transaction cannot be processed. Please contact PayPal Customer Service.	Your PayPal account is restricted. Contact PayPal for more information.
10508	Invalid Data	This transaction cannot be processed. Please enter a valid credit card expiration date.	The expiration date must be a two-digit month and four-digit year.
10509	Invalid Data	This transaction cannot be processed.	You must submit an IP address of the buyer with each API call.
10510	Invalid Data	The credit card type is not supported. Try another card type.	The credit card type entered is not currently supported by PayPal.
10511	Invalid Data	This transaction cannot be processed.	The merchant selected an value for the PaymentAction field that is not supported.
10512	Invalid Data	This transaction cannot be processed. Please enter a first name.	The first name of the buyer is required for this merchant.
10513	Invalid Data	This transaction cannot be processed. Please enter a last name.	The last name of the buyer is required for this merchant.
10535	Gateway decline	This transaction cannot be processed. Please enter a valid credit card number and type.	
10548	Invalid Configuration	This transaction cannot be processed. The merchant's account is not able to process transactions.	The merchant account attempting the transaction is not a business account at PayPal. Check your account settings.
10550	Invalid Configuration	This transaction cannot be processed.	Access to Direct Payment was disabled for your account. Contact PayPal for more information.
10561	Invalid Data	There's an error with this transaction. Please enter complete billing address.	

Error Code	Short Message	Long Message	Additional Information
10565	Merchant country unsupported	The merchant country is not supported.	
10709	Invalid Data	There's an error with this transaction. Please enter an address1 in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10710	Invalid Data	There's an error with this transaction. Please enter a city in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10711	Invalid Data	There's an error with this transaction. Please enter your state in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10712	Invalid Data	There's an error with this transaction. Please enter your five digit postal code in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10713	Invalid Data	There's an error with this transaction. Please enter a country in the billing address.	There was a problem with a particular field in the address. The long error message tells you which field is invalid.
10744	Invalid Data	This transaction cannot be processed. Please enter a valid country code in the billing address.	There was a problem with a particular field in the address. The long error message will tells you which field is invalid.
10748	Invalid Data	This transaction cannot be processed without a Credit Card Verification Number.	The merchant's configuration requires a CVV to be entered, but no CVV was provided with this transaction. Contact PayPal if you wish to change this setting.
10751	Invalid Data	There's an error with this transaction. Please enter a valid state in the billing address.	The merchant provided an address either in the United States or Canada, but the state provided is not a valid state in either country.
10752	Gateway Decline	This transaction cannot be processed.	The transaction was declined by the issuing bank, not PayPal. The merchant should attempt another card.

Error Code	Short Message	Long Message	Additional Information
10760	Invalid Configuration	This transaction cannot be processed. The country listed for your business address is not currently supported.	The merchant's country of residence listed in their PayPal account is not currently supported to allow Direct Payment transactions.
11089	Transaction Refused.	Account is locked or inactive.	
11501	Invalid merchant country	The merchant's country is currently not supported	Missing token
11502	The token is missing or is invalid	The token is missing or is invalid	One or more subscription detail fields are missing from the request.
11503	Missing subscription details	Missing subscription details	One or more schedule detail fields are missing from the request.
11504	Missing schedule details	Missing schedule details	
11505	Start date should be greater than current date	Subscription start date should be greater than current date	
11506	Invalid max failed payments	Max failed payments, if supplied, must be >= 0	
11507	Invalid trial amount	Trial amount must be >= 0	
11508	Invalid trial total billing cycles	Trial total billing cycles must be > 0	
11509	Invalid trial billing period	Trial billing period must be one of Day, Week, Month, SemiMonth, or Year	
11510	Invalid trial amount	Trial amount must be >= 0	
11511	Invalid currency for trial amount	This currency is currently not supported for trial amount.	Currency must be USD.
11512	Invalid trial shipping amount	Trial shipping amount must be >= 0	If a trial shipping amount is supplied, it must be >= 0.
11513	Invalid currency for trial shipping amount	This currency is currently not supported for trial shipping amount	Currency must be USD.
11514	Invalid profile status	The profile status is invalid.	
11515	Invalid currency for trial tax amount	This currency is currently not supported for trial tax amount	Currency must be USD.

Error Code	Short Message	Long Message	Additional Information
11516	Invalid billing frequency	Billing Frequency must be > 0 and be less than or equal to one year	The combination of billing frequency and billing period cannot exceed one year.
11517	Invalid total billing cycles	Total billing cycles must be >= 0 (0 means continuous)	
11518	Invalid billing period	Billing period must be one of Day, Week, Month, SemiMonth, or Year	
11519	Invalid amount	Bill amount must be greater than 0	
11520	Invalid currency for amount	This currency is currently not supported for amount	Currency must be USD.
11521	Invalid shipping amount	Shipping amount must be >= 0	
11522	Invalid currency for shipping amount	This currency is currently not supported for shipping amount	Currency must be USD.
11523	Invalid tax amount	Tax amount must be >= 0	
11524	Invalid currency for tax amount	This currency is currently not supported for tax amount	Currency must be USD.
11531	Invalid profile status	The profile status must be one of (A)ctive, (C)ancelled, or e(X)pired	
11543	Invalid payer country	The payer's country is currently not supported	
11544	Invalid period status	The trial period status must be one of (A)ctive or (C)ancelled	
11545	Denied	Payer's account is denied	
11546	Denied	Merchant account is denied	
11547	This feature is not available at this time	Recurring payments feature is not currently available; try again later	
11548	Invalid currency code	Invalid currency code, all currency codes much match	
11549	Start Date is required	Subscription start date is required	
11550	Start Date should be valid	Subscription start date should be valid	
11551	Profile ID is missing from the request	Profile ID is missing from the request	
11552	Invalid profile ID	The profile ID is invalid	

Error Code	Short Message	Long Message	Additional Information
11553	Invalid action value provided	Invalid action value provided	
11554	Note is missing from the request	Note is missing from the request	
11555			
11556	Invalid profile status for cancel action; profile should be active or suspended	Invalid profile status for suspend action; profile should be active	
11557	Invalid profile status for suspend action; profile should be active	Invalid profile status for reactivate action; profile should be suspended	
11558	Invalid profile status for reactivate action; profile should be suspended	The activation type is invalid	
11560	Invalid activation type	The activation type is invalid	
11561	Invalid initial amount	The initial amount is invalid	
11562	Invalid auto bill type	The auto bill type is invalid	
11564	The number of failed payments should be greater than the current number of failed payments	The number of failed payments should be greater than the current number of failed payments	
11567	The time of the update is too close to the billing date	The time of the update is too close to the billing date	
11568	Invalid currency for delinquent amount	Invalid currency for delinquent amount	
11569	Cannot increase delinquent amount	Cannot increase delinquent amount	
11570	The maximum number of failed payments should be greater than the current number of failed payments	The maximum number of failed payments should be greater than the current number of failed payments	
11571	The total amount cannot exceed 120% increment per 180 days	The total amount cannot exceed 120% increment per 180 days	
11576	Bill amount is greater than outstanding balance	Bill amount is greater than outstanding balance	

Error Code	Short Message	Long Message	Additional Information
11577	Another outstanding payment is scheduled	Another outstanding payment is scheduled	
11578	Bill outstanding amount not processed because of scheduled payment	Recurring payment scheduled within 24 hours, so we are not processing the bill outstanding amount	
11579	Payment is failing	Payment is failing	
11581	Invalid Data	Profile description is invalid.	
11582	No payment in queue	No scheduled payment has been found.	
11583	DPRP feature is unavailable	DPRP feature is unavailable	
11584	Inactive profile	Profile is not active	
11585	Missing Token or buyer credit card	Missing token or payment source	
11586	DPRP is disabled	DPRP is disabled for this merchant.	
11587	Billing Address is Partial	Billing Address is Partial	
11590	Profile update is not required	Based on your input request, profile already up to date.	
11592	Subscription profiles are not supported for recurring payments	Subscription profiles are not supported for recurring payments	
13701	Invalid Data	Item Category value is invalid. Only Digital or Physical are allowed.	Scenario: When merchant passes an item category value other than Digital or Physical.
15004	Gateway Decline	This transaction cannot be processed. Please enter a valid Credit Card Verification Number.	

SetCustomerBillingAgreement Errors

SetCustomerBillingAgreement Errors

Error Code	Short Message	Long Message	Additional Information
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid argument; BillingType input field is set to None	
10404	Transaction refused because of an invalid argument. See additional error messages for details.	ReturnURL is missing.	ReturnURL tag has no content.
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid value for request billing address parameter.	
10405	Transaction refused because of an invalid argument. See additional error messages for details.	CancelURL is missing.	CancelURL tag has no content.
10407	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid buyer email address (BuyerEmail).	Invalid BuyerEmail (badly formatted or violates SMTP protocol defined email address format) or BuyerEmail is passed as an empty tag.
10436	Transaction refused because of an invalid argument. See additional error messages for details.	PageStyle value exceeds maximum allowable length.	PageStyle tag is too long.
10437	Transaction refused because of an invalid argument. See additional error messages for details.	cpp-header-image value exceeds maximum allowable length.	cpp_header_image tag is too long; maximum length is 127.
10438	Transaction refused because of an invalid argument. See additional error messages for details.	cpp-header-border-color value exceeds maximum allowable length.	cpp_header_border_color tag is too long; maximum length is 6.
10439	Transaction refused because of an invalid argument. See additional error messages for details.	cpp-header-back-color value exceeds maximum allowable length.	cpp_header_back_color tag is too long; maximum length is 6.

Error Code	Short Message	Long Message	Additional Information
10440	Transaction refused because of an invalid argument. See additional error messages for details.	cpp-payflow-color value exceeds maximum allowable length.	cpp_payflow_color tag is too long; maximum length is 6.
10471	Transaction refused because of an invalid argument. See additional error messages for details.	ReturnURL is invalid.	ReturnURL tag contains invalid URL.
10472	Transaction refused because of an invalid argument. See additional error messages for details.	CancelURL is invalid.	CancelURL tag contains invalid URL.
10476	Transaction refused because of an invalid argument. See additional error messages for details.		
10477	Transaction refused because of an invalid argument. See additional error messages for details.		
11452	Merchant not enabled for reference transactions	Merchant not enabled for reference transactions	This merchant is not enabled for Mark reference transaction. Warning only.
11453	Reference transactions temporarily unavailable.	Reference transaction feature not currently available; try again later	Feature not enabled because system is running in standin mode. Warning only.
11601	Request for billing address failed	Billing address request is not enabled for merchant	
11602	Request for billing address failed	Feature not yet available	

GetBillingAgreementCustomerDetails Errors

GetBillingAgreementCustomerDetails Errors

Error Code	Short Message	Long Message	Additional Information
10408	Missing token	Token is missing	Token is missing.
10409	You're not authorized to access this info.	Express Checkout token was issued for a merchant account other than yours.	Token belongs to a different merchant.
10410	Invalid token	Invalid token	Token is invalid.
10411	This Express Checkout session has expired.	This Express Checkout session has expired. Token value is no longer valid.	Token expired.

CreateBillingAgreement Errors

CreateBillingAgreement Errors

Error Code	Short Message	Long Message	Additional Information
10408	Missing token	Token is missing	Token is missing.
10409	You're not authorized to access this info.	Express Checkout token was issued for a merchant account other than yours.	Token belongs to a different merchant.
10410	Invalid token	Invalid token	Token is invalid.
10411	This Express Checkout session has expired.	This Express Checkout session has expired. Token value is no longer valid.	Token expired.
11455	Buyer did not accept billing agreement	Buyer did not accept billing agreement	Buyer has not agreed to the billing agreement.
11456	A successful Billing Agreement has already been created for this token.	Transaction refused because of an invalid argument. See additional error messages for details.	Token has already been used to create a billing agreement.
10408	Missing token	Token is missing	Token is missing.
10409	You're not authorized to access this info.	Express Checkout token was issued for a merchant account other than yours.	Token belongs to a different merchant.
10410	Invalid token	Invalid token	Token is invalid.

Error Code	Short Message	Long Message	Additional Information
10411	This Express Checkout session has expired.	This Express Checkout session has expired. Token value is no longer valid.	Token expired.

UpdateBillingAgreement Errors

UpdateBillingAgreement Errors

Error Code	Short Message	Long Message	Additional Information
10001	Internal Error	Internal Error	
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid argument; description field or custom field is empty and the status is active	Check the description and custom fields of the billing agreement. Either the description or custom field is empty and the status is active or the contents of one of these fields exceeds the maximum field length.
10201	Billing Agreement was cancelled	Billing Agreement was cancelled	Billing agreement has been cancelled.
10204	User's account is closed or restricted	User's account is closed or restricted	
10209	Disabled	Preapproved Payments not enabled.	Merchant pull is not enabled for the country or merchant is not enabled for merchant pull.
10209	Disabled	Preapproved Payments not enabled.	Account number mismatch exists for the API caller and the account the billing agreement belongs to.
10211	Invalid billing agreement ID	Invalid transaction or billing agreement ID; could not find Billing Agreement in database	
11451	Billing Agreement Id or transaction Id is not valid	Billing Agreement Id or transaction Id is not valid	ReferenceID field is empty.
11451	Billing Agreement Id or transaction Id is not valid	Billing Agreement Id or transaction Id is not valid	Reference id refers to an invalid transaction.
11452	Merchant not enabled for reference transactions	Merchant not enabled for reference transactions	This merchant is not enabled for Mark reference transaction.

DoReferenceTransaction Errors

All Reference Transactions-Related API Errors

Error Code	Short Message	Long Message	Additional Information
10001	Internal Error	Internal Error	
10002	Authentication/Authorization Failed		
10003	Missing argument	Item name, amount and quantity are required if item category is provided.	Scenario: Merchant passes item category as either Digital or Physical but does not also pass one of the following parameters: name, amount, or quantity.
10004	Transaction refused because of an invalid argument. See additional error messages for details.	You are not signed up to accept payment for digitally delivered goods.	Scenario: Merchant is not signed up for digital goods but passes item category as Digital.
10004	Cart item calculation mismatch.	Cart item calculation mismatch. The regular non-trial billing period amount is different than the sum of the amounts for each item in the cart.	Scenario: When the regular non-trial billing period amount is different than the sum of the amounts for each item in the cart.
10004	Tax calculation mismatch.	Tax calculation mismatch. The tax amount for the regular non-trial billing period is different than the sum of the tax for each item in the cart.	Scenario: When the regular non-trial billing period is different than the sum of the tax for each item in the cart.
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid payment type argument	
10009	Transaction refused	The account for the counterparty is locked or inactive	Merchant is locked/close/restricted.
10010	Invalid Invoice	Non-ASCII invoice id is not supported	Non-ASCII characters are used in InvoiceID field.
10201	Agreement canceled	Billing Agreement was cancelled	Billing agreement is not active.
10202	Exceed max	Transaction would exceed user's monthly maximum	Transaction would exceed the monthly limit.
10203	Action required	Transaction failed, action required by user	

Error Code	Short Message	Long Message	Additional Information
10204	User's account is closed or restricted	User's account is closed or restricted	
10205	Risk	Transaction refused due to risk model	
10206	Duplicate	Transaction was already processed	
10207	Retry	Transaction failed but user has alternate funding source	Retry the transaction with an alternate funding source.
10209	Disabled	Preapproved Payments not enabled.	Merchants is not enabled for preapproved payments (PAP); applies only to legacy PAP billing agreements.
10210	No Funding	Transaction failed because has no funding sources	Payee has no funding sources.
10211		Invalid MP ID	Invalid MP ID.
10212	Profile preference setting	A profile preference is set to automatically deny certain transactions	A profile preference is set that automatically denies this kind of transaction.
10213	Invalid Soft Descriptor	The soft descriptor passed in contains invalid characters	
10214			Soft descriptor format error.
10215	Soft Descriptor truncated	The soft descriptor was truncated	
10216	Confirmed address required	Transaction refused because a confirmed address is not available	Transaction refused because a confirmed address is not available.
10400	Transaction refused because of an invalid argument. See additional error messages for details.	Order total is missing.	TotalOrder amount is missing.
10401	Transaction refused because of an invalid argument. See additional error messages for details.	Order total is invalid.	TotalOrder amount is invalid.
10402	Authorization only is not allowed for merchant.	This merchant account is not permitted to set PaymentAction? to Authorization. Please contact Customer Service.	Merchant is not eligible for auth settlement.

Error Code	Short Message	Long Message	Additional Information
10406	Transaction refused because of an invalid argument. See additional error messages for details.	The PayerID? value is invalid.	Merchant account number is invalid.
10412	Duplicate invoice	Payment has already been made for this InvoiceID?.	Payment already made for the invoice.
10413	Transaction refused because of an invalid argument. See additional error messages for details.	The totals of the cart item amounts do not match order amounts.	Total of cart items does not match order total.
10414	Transaction refused because of an invalid argument. See additional error messages for details.	The amount exceeds the maximum amount for a single transaction.	Amount exceeds the max amount for a single txn.
10417	Transaction cannot complete.	The transaction cannot complete successfully. Instruct the customer to use an alternative payment method.	Account not associated with a usable funding source.
10417	Transaction cannot complete.	The transaction cannot complete successfully. Instruct the customer to use an alternative payment method.	Credit card or Billing Agreement is required to complete payment.
10418	Transaction refused because of an invalid argument. See additional error messages for details.	The currencies of the shopping cart amounts must be the same.	Currencies in the shopping cart must be the same.
10420	Transaction refused because of an invalid argument. See additional error messages for details.	PaymentAction? tag is missing.	PaymentAction? tag is missing.
10426	Transaction refused because of an invalid argument. See additional error messages for details.	Item total is invalid.	ItemTotal amount is invalid.
10427	Transaction refused because of an invalid argument. See additional error messages for details.	Shipping total is invalid.	ShippingTotal amount is invalid.
10428	Transaction refused because of an invalid argument. See additional error messages for details.	Handling total is invalid.	HandlingTotal amount is invalid.

Error Code	Short Message	Long Message	Additional Information
10429	Transaction refused because of an invalid argument. See additional error messages for details.	Tax total is invalid.	TaxTotal amount is invalid.
10429	Transaction refused because of an invalid argument. See additional error messages for details.	Item sales tax is invalid	PaymentDetailsItem.Tax field is invalid. Warning only; API executes.
10430	Transaction refused because of an invalid argument. See additional error messages for details.	Item amount is missing.	PaymentDetailsItem.Amount field is missing. Warning only; API executes.
10431	Transaction refused because of an invalid argument. See additional error messages for details.	Item amount is invalid.	PaymentDetailsItem.Amount field is invalid. Warning only; API executes.
10432	Transaction refused because of an invalid argument. See additional error messages for details.	Invoice ID value exceeds maximum allowable length.	InvoiceID field is too long; maximum length is 256.
10433	Transaction refused because of an invalid argument. See additional error messages for details.	Value of OrderDescription element has been truncated.	OrderDescription field is too long; maximum length is 127. Warning only; API executes.
10434	Transaction refused because of an invalid argument. See additional error messages for details.	Value of Custom element has been truncated.	Custom field is too long; maximum length is 256. Warning only; API executes.
10441	Transaction refused because of an invalid argument. See additional error messages for details.	The NotifyURL element value exceeds maximum allowable length.	NotifyURL field is too long; maximum length for notify URL is 2048.
10442	ButtonSource value truncated.	The ButtonSource element value exceeds maximum allowable length.	ButtonSource field is too long; maximum length is 32. Warning only; API executes.
10504	The cvv2 is invalid.	This transaction cannot be processed. Please enter a valid Credit Card Verification Number.	CVV2 field is invalid.
10527	Invalid Data	This transaction cannot be processed. Please enter a valid credit card number and type.	CreditCardNumber and/or CreditCardType is invalid.

Error Code	Short Message	Long Message	Additional Information
10537	Risk Control Country Filter Failure	The transaction was refused because the country was prohibited as a result of your Country Monitor Risk Control Settings.	Transaction refused due to country monitor risk control.
10538	Risk Control Max Amount Failure	The transaction was refused because the maximum amount was excused as a result of your Maximum Amount Risk Control Settings.	Transaction refused due to max amount risk control.
10539	Payment declined by your Risk Controls settings: PayPal Risk Model.	Payment declined by your Risk Controls settings: PayPal Risk Model.	Transaction declined by Risk Control settings: PayPal Risk model.
10546	Gateway Decline	This transaction cannot be processed.	IP fraud models failed.
10560	Invalid Data	The issue number of the credit card is invalid.	IssueNumber is invalid.
10567	Invalid Data	A Start Date or Issue Number is required.	None of Start date or issue number is specified (only applies to Switch credit cards).
10600	Authorization voided	Authorization voided.	
10601	Authorization expired.	Authorization has expired	
10621	Order has expired.	Order has expired.	
10622	Order is voided.	Order is voided.	
10623	Maximum number of authorization allowed for the order is reached.	Maximum number of authorization allowed for the order is reached.	
10725	Shipping Address Country Error	There was an error in the Shipping Address Country field	Shipping address error in country field.
10727	Shipping Address1 Empty	The field Shipping Address1 is required	Shipping address error in address1 field.
10728	Shipping Address City Empty	The field Shipping Address City is required	Shipping address error in city field.
10729	Shipping Address State Empty	The field Shipping Address State is required	Shipping address error in state field.
10730	Shipping Address Postal Code Empty	The field Shipping Address Postal Code is required	Shipping address error in postal code.
10731	Shipping Address Country Empty	The field Shipping Address Country is required	Country code is empty in shipping address.

Error Code	Short Message	Long Message	Additional Information
10736	Shipping Address Invalid City State Postal Code	A match of the Shipping Address City, State, and Postal Code failed.	Match of shipping address, city, state, and postal code failed.
10747	Invalid Data	This transaction cannot be processed without a valid IP address.	IPAddress field is invalid.
10748	Invalid Data	This transaction cannot be processed without a Credit Card Verification number.	CVV2 field is missing.
10755	Unsupported Currency.	This transaction cannot be processed due to an unsupported currency.	
11091	The transaction was blocked as it would exceed the sending limit for this buyer.	The transaction was blocked as it would exceed the sending limit for this buyer.	The transaction was declined by PayPal. Please have the buyer contact PayPal Customer Service.
11302	Cannot pay self	The transaction was refused because you cannot send money to yourself.	Cannot pay self. Merchant is referencing own transaction.
11451	Billing Agreement Id or transaction Id is not valid	Billing Agreement Id or transaction Id is not valid	Invalid reference id.
11451	Billing Agreement Id or transaction Id is not valid	Billing Agreement Id or transaction Id is not valid	Reference transaction is not associated with a billing agreement.
11451	Billing Agreement Id or transaction Id is not valid	Billing Agreement Id or transaction Id is not valid	Reference id either not found or could not be decrypted.
11451	Billing Agreement Id or transaction Id is not valid	Billing Agreement Id or transaction Id is not valid	Reference id either not found or could not be decrypted.
11452	Merchant not enabled for reference transactions	Merchant not enabled for reference transactions	This merchant is not enabled for Mark reference transaction.
11453	Reference transactions temporarily unavailable.	Reference transaction feature not currently available; try again later	Feature wired off.
11453	Reference transactions temporarily unavailable.	Reference transaction feature not currently available; try again later	Feature not supported in standin.
11454	Warning: Could not send email to the buyer	Warning: Could not send email to the buyer	Failed to send email to buyer. This error is not fatal and generates a warning.
11459	Invalid Data	The shipping address must match the user's address in the PayPal account.	The shipping address on file does not match the requested shipping address.

Error Code	Short Message	Long Message	Additional Information
11610	Payment Pending your review in Fraud Management Filters	Payment Pending your review in Fraud Management Filters	
11611	Transaction blocked by your settings in FMF	Transaction blocked by your settings in FMF	
11612	Could not process your request to accept/deny the transaction	Could not process your request to accept/deny the transaction	
13701	Invalid Data	Item Category value is invalid. Only Digital or Physical are allowed.	Scenario: When merchant passes an item category value other than Digital or Physical.
18014	Gateway Decline	This transaction cannot be processed.	This transaction cannot be processed without a Credit Card Verification number.

AddressVerify API Errors

AddressVerify API Errors

Error Code	Short Message	Long Message
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid email format.
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid street format
10004	Transaction refused because of an invalid argument. See additional error messages for details.	Invalid zip format
10009	The API is disabled.	The Address API is currently disabled

ManagePendingTransactionStatus API Errors

ManagePendingTransactionStatus API Errors

Error Code	Short Message	Long Message
11614	Could not process your request to accept/deny the transaction	Could not process your request to accept/deny the transaction
11614	The transaction has already been Accepted/Denied and the status cannot be changed	The transaction has already been Accepted/Denied and the status cannot be changed

B Countries and Regions Supported by PayPal

PayPal uses 2-character IS0-3166-1 codes for specifying countries and regions that are supported in fields and variables.

Country or Region	Country or Region Code
ÅLAND ISLANDS	AX
ALBANIA	AL
ALGERIA	DZ
AMERICAN SAMOA	AS
ANDORRA	AD
ANGUILLA	AI
ANTARCTICA	AQ
ANTIGUA AND BARBUDA	AG
ARGENTINA	AR
ARMENIA	AM
ARUBA	AW
AUSTRALIA	AU
AUSTRIA	AT
BAHAMAS	BS
BAHRAIN	BH
BARBADOS	BB
BELGIUM	BE
BELIZE	BZ
BENIN	BJ
BERMUDA	BM
BHUTAN	BT
BOTSWANA	BW
BOUVET ISLAND	BV
BRAZIL	BR
BRITISH INDIAN OCEAN TERRITORY	IO

Country or Region	Country or Region Code
BRUNEI DARUSSALAM	BN
BULGARIA	BG
BURKINA FASO	BF
CANADA	CA
CAPE VERDE	CV
CAYMAN ISLANDS	KY
CENTRAL AFRICAN REPUBLIC	CF
CHILE	CL
CHINA	CN
CHRISTMAS ISLAND	CX
COCOS (KEELING) ISLANDS	CC
COLOMBIA	CO
COOK ISLANDS	CK
COSTA RICA	CR
CYPRUS	CY
CZECH REPUBLIC	CZ
DENMARK	DK
DJIBOUTI	DJ
DOMINICA	DM
DOMINICAN REPUBLIC	DO
EGYPT	EG
EL SALVADOR	SV
ESTONIA	EE
FALKLAND ISLANDS (MALVINAS)	FK
FAROE ISLANDS	FO
FIJI	FJ
FINLAND	FI
FRANCE	FR
FRENCH GUIANA	GF
FRENCH POLYNESIA	PF
FRENCH SOUTHERN TERRITORIES	TF

Country or Region	Country or Region Code
GAMBIA	GM
GEORGIA	GE
GERMANY	DE
GHANA	GH
GIBRALTAR	GI
GREECE	GR
GREENLAND	GL
GRENADA	GD
GUADELOUPE	GP
GUAM	GU
HEARD ISLAND AND MCDONALD ISLANDS	HM
HOLY SEE (VATICAN CITY STATE)	VA
HONDURAS	HN
HONG KONG	HK
HUNGARY	HU
ICELAND	IS
INDIA	IN
INDONESIA	ID
IRELAND	IE
ISLE OF MAN	IM
ISRAEL	IL
ITALY	IT
JAMAICA	JM
JAPAN	JP
JORDAN	JO
KAZAKHSTAN	KZ
KIRIBATI	KI
KOREA, REPUBLIC OF	KR
KUWAIT	KW
KYRGYZSTAN	KG
LATVIA	LV

Country or Region	Country or Region Code
LESOTHO	LS
LIECHTENSTEIN	LI
LITHUANIA	LT
LUXEMBOURG	LU
MACAO	MO
MALAWI	MW
MALAYSIA	MY
MALTA	MT
MARSHALL ISLANDS	MH
MARTINIQUE	MQ
MAURITANIA	MR
MAURITIUS	MU
MAYOTTE	YT
MEXICO	MX
MICRONESIA, FEDERATED STATES OF	FM
MOLDOVA, REPUBLIC OF	MD
MONACO	MC
MONGOLIA	MN
MONTSERRAT	MS
MOROCCO	MA
MOZAMBIQUE	MZ
NAMIBIA	NA
NAURU	NR
NEPAL	NP
NETHERLANDS	NL
NETHERLANDS ANTILLES	AN
NEW CALEDONIA	NC
NEW ZEALAND	NZ
NICARAGUA	NI
NIGER	NE
NIUE	NU

Country or Region	Country or Region Code
NORFOLK ISLAND	NF
NORTHERN MARIANA ISLANDS	MP
NORWAY	NO
OMAN	OM
PALAU	PW
PANAMA	PA
PARAGUAY	PY
PERU	PE
PHILIPPINES	PH
PITCAIRN	PN
POLAND	PL
PORTUGAL	PT
PUERTO RICO	PR
QATAR	QA
REUNION	RE
ROMANIA	RO
SAINT HELENA	SH
SAINT KITTS AND NEVIS	KN
SAINT LUCIA	LC
SAINT PIERRE AND MIQUELON	PM
SAINT VINCENT AND THE GRENADINES	VC
SAMOA	WS
SAN MARINO	SM
SAO TOME AND PRINCIPE	ST
SAUDI ARABIA	SA
SENEGAL	SN
SEYCHELLES	SC
SINGAPORE	SG
SLOVAKIA	SK
SLOVENIA	SI
SOLOMON ISLANDS	SB

Country or Region	Country or Region Code
SOUTH AFRICA	ZA
SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS	GS
SPAIN	ES
SURINAME	SR
SVALBARD AND JAN MAYEN	SJ
SWAZILAND	SZ
SWEDEN	SE
SWITZERLAND	CH
TAIWAN, PROVINCE OF CHINA	TW
TANZANIA, UNITED REPUBLIC OF	TZ
THAILAND	TH
TOKELAU	TK
TONGA	TO
TRINIDAD AND TOBAGO	TT
TUNISIA	TN
TURKEY	TR
TURKS AND CAICOS ISLANDS	TC
TUVALU	TV
UKRAINE	UA
UNITED ARAB EMIRATES	AE
UNITED KINGDOM	GB
UNITED STATES	US
UNITED STATES MINOR OUTLYING ISLANDS	UM
URUGUAY	UY
VIET NAM	VN
VIRGIN ISLANDS, BRITISH	VG
VIRGIN ISLANDS, U.S.	VI
WALLIS AND FUTUNA	WF
ZAMBIA	ZM

C State and Province Codes

Canadian Province or U.S. State	Abbreviation
Alberta	AB
British Columbia	BC
Manitoba	MB
New Brunswick	NB
Newfoundland and Labrador	NL
Northwest Territories	NT
Nova Scotia	NS
Nunavut	NU
Ontario	ON
Prince Edward Island	PE
Quebec	QC
Saskatchewan	SK
Yukon	YT
Alabama	AL
Alaska	AK
American Samoa	AS
Arizona	AZ
Arkansas	AR
California	CA
Colorado	CO
Connecticut	CT
Delaware	DE
District of Columbia	DC
Federated States of Micronesia	FM
Florida	FL
Georgia	GA

Canadian Province or U.S. State	Abbreviation
Guam	GU
Hawaii	HI
Idaho	ID
Illinois	IL
Indiana	IN
Iowa	IA
Kansas	KS
Kentucky	KY
Louisiana	LA
Maine	ME
Marshall Islands	MH
Maryland	MD
Massachusetts	MA
Michigan	MI
Minnesota	MN
Mississippi	MS
Missouri	MO
Montana	MT
Nebraska	NE
Nevada	NV
New Hampshire	NH
New Jersey	NJ
New Mexico	NM
New York	NY
North Carolina	NC
North Dakota	ND
Northern Mariana Islands	MP
Ohio	OH
Oklahoma	OK
Oregon	OR
Palau	PW

Canadian Province or U.S. State	Abbreviation
Pennsylvania	PA
Puerto Rico	PR
Rhode Island	RI
South Carolina	SC
South Dakota	SD
Tennessee	TN
Texas	TX
Utah	UT
Vermont	VT
Virgin Islands	VI
Virginia	VA
Washington	WA
West Virginia	WV
Wisconsin	WI
Wyoming	WY
Armed Forces Americas	AA
Armed Forces	AE
Armed Forces Pacific	AP

D Currency Codes

PayPal uses 3-character ISO-4217 codes for specifying currencies in fields and variables.

Currencies and Currency Codes Supported by PayPal

Currency	Currency Code
Australian Dollar	AUD
Brazilian Real	BRL
NOTE: This currency is supported as a payment currency and a currency balance for in-country PayPal accounts only.	
Canadian Dollar	CAD
Czech Koruna	CZK
Danish Krone	DKK
Euro	EUR
Hong Kong Dollar	HKD
Hungarian Forint	HUF
Israeli New Sheqel	ILS
Japanese Yen	JPY
Malaysian Ringgit	MYR
NOTE: This currency is supported as a payment currency and a currency balance for in-country PayPal accounts only.	
Mexican Peso	MXN
Norwegian Krone	NOK
New Zealand Dollar	NZD
Philippine Peso	PHP
Polish Zloty	PLN
Pound Sterling	GBP
Singapore Dollar	SGD
Swedish Krona	SEK
Swiss Franc	CHF
Taiwan New Dollar	TWD

Currency	Currency Code
Thai Baht	THB
Turkish Lira	TRY
U.S. Dollar	USD

Currencies and Currency Codes Supported by Express Checkout and Direct Payment

Express Checkout Currency	Currency Code	Direct Payment Currency for Specified Card in United States	Direct Payment Currency for Specified Card in United Kingdom	Direct Payment Currency for Specified Card in Canada
Australian Dollar	AUD	Visa, MasterCard	Visa, MasterCard	Visa, MasterCard
Canadian Dollar	CAD	Visa, MasterCard	Visa, MasterCard	Visa, MasterCard
Czech Koruna	CZK		Visa, MasterCard	Visa, MasterCard
Danish Krone	DKK		Visa, MasterCard	Visa, MasterCard
Euro	EUR	Visa, MasterCard	Visa, MasterCard	Visa, MasterCard
Hungarian Forint	HUF		Visa, MasterCard	Visa, MasterCard
Japanese Yen	JPY	Visa, MasterCard	Visa, MasterCard	Visa, MasterCard
Norwegian Krone	NOK		Visa, MasterCard	Visa, MasterCard
New Zealand Dollar	NZD		Visa, MasterCard	Visa, MasterCard
Polish Zloty	PLN		Visa, MasterCard	Visa, MasterCard
Pound Sterling	GBP	Visa, MasterCard	Visa, MasterCard, Maestro	Visa, MasterCard
Singapore Dollar	SGD		Visa, MasterCard	Visa, MasterCard
Swedish Krona	SEK		Visa, MasterCard	Visa, MasterCard
Swiss Franc	CHF		Visa, MasterCard	Visa, MasterCard
U.S. Dollar	USD	Visa, MasterCard, Discover, American Express	Visa, MasterCard	Visa, MasterCard

E AVS and CVV2 Response Codes

AVS Response Codes

Related information:

"DoDirectPayment Response Fields" on page 48

AVS Response Codes for Visa, MasterCard, Discover, and American Express

AVS Code	Meaning	Matched Details
A	Address	Address only (no ZIP code)
B	International "A"	Address only (no ZIP code)
C	International "N"	None **NOTE:** The transaction is declined.
D	International "X"	Address and Postal Code
E	Not allowed for MOTO (Internet/Phone) transactions	Not applicable **NOTE:** The transaction is declined.
F	UK-specific "X"	Address and Postal Code
G	Global Unavailable	Not applicable
I	International Unavailable	Not applicable
M	Address	Address and Postal Code
N	No	None **NOTE:** The transaction is declined.
P	Postal (International "Z")	Postal Code only (no Address)
R	Retry	Not applicable
S	Service not Supported	Not applicable
U	Unavailable	Not applicable
W	Whole ZIP	Nine-digit ZIP code (no Address)

AVS Code	Meaning	Matched Details
X	Exact match	Address and nine-digit ZIP code
Y	Yes	Address and five-digit ZIP
Z	ZIP	Five-digit ZIP code (no Address)
All others	Error	Not applicable

Related information:

"DoDirectPayment Response Fields" on page 48

AVS Response Codes for Maestro

AVS Code	Meaning	Matched Details
0	All the address information matched.	All information matched
1	None of the address information matched.	None **NOTE:** The transaction is declined.
2	Part of the address information matched.	Partial
3	The merchant did not provide AVS information. Not processed.	Not applicable
4	Address not checked, or acquirer had no response. Service not available.	Not applicable
Null	No AVS response was obtained. Default value of field.	Not applicable

Related information:

"DoDirectPayment Response Fields" on page 48

CVV2 Response Codes

CVV2 Response Codes for Visa, MasterCard, Discover, and American Express

CVV2 Code	Meaning	Matched Details
M	Match	CVV2CSC
N	No match	None
P	Not processed	Not applicable
S	Service not supported	Not applicable
U	Service not available	Not applicable
X	No response	Not applicable

CVV2 Response Codes for Maestro

CVV2 Code	Meaning	Matched Details
0	Matched	CVV2
1	No match	None
2	The merchant has not implemented CVV2 code handling	Not applicable
3	Merchant has indicated that CVV2 is not present on card	Not applicable
4	Service not available	Not applicable
All others	Error	Not applicable

About Previous Versions of the API

Previous versions of the API can still be used; however, PayPal recommends using the latest version whenever possible. Unless specifically specified, API operations default to the latest version.

What's New in Version 82.0

New Field in DoCapture Request

Field	Description
MERCHANTSTOREDETAILS	ns:MerchantStoreDetailsType *(Optional)* Information about the merchant store. This field is available since version 82.0.

New MerchantStoreDetailsType in DoCapture Request

Field	Description
STOREID	ID of the merchant store. This field is required for point-of-sale transactions. Character length and limitations: 50 single-byte characters This field is available since version 84.0.
TERMINALID	*(Optional)* ID of the terminal. Character length and limitations: 50 single-byte characters This field is available since version 82.0.

New Fields in RefundTransaction Request

Field	Description
MERCHANTSTOREDETAILS	`ns:MerchantStoreDetailsType` *(Optional)* Information about the merchant store. This field is available since version 82.0.
RETRYUNTIL	`xs:dateTime` *(Optional)* Maximum time until you must retry the refund. **NOTE:** This field does not apply to point-of-sale transactions. This field is available since version 82.0.
REFUNDSOURCE	`ebl:RefundSourceCodeType` *(Optional)* Type of PayPal funding source (balance or eCheck) that can be used for auto refund. It is one of the following values: • `any` – The merchant does not have a preference. Use any available funding source. • `default` – Use the merchant's preferred funding source, as configured in the merchant's profile. • `instant` – Use the merchant's balance as the funding source. • `eCheck` – The merchant prefers using the eCheck funding source. If the merchant's PayPal balance can cover the refund amount, use the PayPal balance. **NOTE:** This field does not apply to point-of-sale transactions. This field is available since version 82.0.
REFUNDTYPE	Type of refund you are making. It is one of the following values: • `Full` – Full refund (default). • `Partial` – Partial refund. • `ExternalDispute` – External dispute. (Value available since version 82.0) • `Other` – Other type of refund. (Value available since version 82.0)

New MerchantStoreDetailsType in RefundTransaction Request

Field	Description
STOREID	ID of the merchant store. This field is required for point-of-sale transactions. Character length and limitations: 50 single-byte characters This field is available since version 84.0.
TERMINALID	*(Optional)* ID of the terminal. Character length and limitations: 50 single-byte characters This field is available since version 82.0.

What's New in Version 80.0

New Fields in PaymentDetailsType in DoReferenceTransaction Request

Field	Description
RECURRING	`ns:RecurringFlagType` *(Optional)* Flag to indicate a recurring transaction. It is one of the following values: • Any value other than `Y` – This is not a recurring transaction (default). • `Y` – This is a recurring transaction. **NOTE:** To pass `Y` in this field, you must have established a billing agreement with the buyer specifying the amount, frequency, and duration of the recurring payment.

What's New in Version 74.0

New Behavior of DoExpressCheckoutPayment

By default, the `DoExpressCheckoutPayment` API operation is idempotent for all API callers. You can call `DoExpressCheckoutPayment` up to a maximum of 10 times, and it returns the same result. The exceptions are when `DoExpressCheckoutPayment` generates an error or the token expires.

This functionality only works with version 74.0 or greater. There is no change to `DoExpressCheckoutPayment` functionality if you are not updating to the latest version of the API.

If you update to version 74.0 or higher but want to opt out of this functionality, contact PayPal.

New DoExpressCheckoutPayment Error Code

Error Code	Short Message	Long Message	Correcting This Error...
13751	Could not retrieve the original successful response.	Transaction completed successfully, but could not retrieve the original successful response.	

What's New in Version 72.0

New TaxIdDetailsType Structure in SetExpressCheckout Request

TaxIdDetailsType Fields

Field	Description
TAXIDTYPE	New field The buyer's tax ID type. This field is required for Brazil and used for Brazil only. For Brazil use only: The tax ID type is BR_CPF for individuals and BR_CNPJ for businesses.
TAXID	New field xs:string The buyer's tax ID. This field is required for Brazil and used for Brazil only. For Brazil use only: The tax ID is 11 single-byte character for individuals and 14 single-byte characters for businesses.

New TaxIdDetailsType Structure in GetExpressCheckoutDetails Response

TaxIdDetailsType Fields

Field	Description
TAXIDTYPE	New field xs:string The buyer's tax ID type. This field is required for Brazil and used for Brazil only. For Brazil use only: The tax ID type is BR_CPF for individuals and BR_CNPJ for businesses.
TAXID	New field xs:string The buyer's tax ID. This field is required for Brazil and used for Brazil only. For Brazil use only: The tax ID is 11 single-byte character for individuals and 14 single-byte characters for businesses.

What's New in Version 69

New PaymentDetailsItemType Structure in CreateRecurringPaymentsProfile Request

PaymentDetailsItemType Fields

Field	Description
L_PAYMENTREQUEST_*n*_ITEMCATEGORY*m*	New field Indicates whether the item is digital or physical goods. For digital goods, this field is required and you must set it to `Digital` to get the best rates. It is one of the following values: • `Digital` • `Physical` These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_ITEMCATEGORY0, L_PAYMENTREQUEST_*n*_ITEMCATEGORY1).
L_PAYMENTREQUEST_*n*_NAME*m*	New field Item name.This field is required when you pass a value for `ItemCategory`. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_NAME0, L_PAYMENTREQUEST_*n*_NAME1). Character length and limitations: 127 single-byte characters
L_PAYMENTREQUEST_*n*_DESC*m*	New field *(Optional)* Item description. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_DESC0, L_PAYMENTREQUEST_*n*_DESC1). Character length and limitations: 127 single-byte characters
L_PAYMENTREQUEST_*n*_AMT*m*	New field Cost of item. This field is required when you pass a value for `ItemCategory`. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_AMT0, L_PAYMENTREQUEST_*n*_AMT1). Character length and limitations: Must not exceed $10,000 USD in any currency. No currency symbol. Regardless of currency, decimal separator must be a period (.), and the optional thousands separator must be a comma (,). Equivalent to nine characters maximum for USD.
L_PAYMENTREQUEST_*n*_NUMBER*m*	New field *(Optional)* Item number. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_NUMBER0, L_PAYMENTREQUEST_*n*_NUMBER1).

Field	Description
L_PAYMENTREQUEST_*n*_QTY*m*	New field Item quantity. This field is required when you pass a value for ItemCategory. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_QTY0, L_PAYMENTREQUEST_*n*_QTY1). Character length and limitations: Any positive integer
L_PAYMENTREQUEST_*n*_TAXAMT*m*	New field *(Optional)* Item sales tax. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_TAXAMT0, L_PAYMENTREQUEST_*n*_TAXAMT1). Character length and limitations: Must not exceed $10,000 USD in any currency. No currency symbol. Regardless of currency, decimal separator must be a period (.), and the optional thousands separator must be a comma (,). Equivalent to nine characters maximum for USD.

Changes to PaymentDetailsItemType in DoReferenceTransaction Request

PaymentDetailsItemType Fields

Field	Description
L_ITEMCATEGORY*n*	New field Indicates whether the item is digital or physical goods. For digital goods, this field is required and you must set it to Digital to get the best rates. It is one of the following values: ● Digital ● Physical These parameters must be ordered sequentially beginning with 0 (for example L_ITEMCATEGORY0, L_ITEMCATEGORY1).
L_NAME*n*	Item name. This field is required when you pass a value for ItemCategory. These parameters must be ordered sequentially beginning with 0 (for example L_NAME0, L_NAME1). Character length and limitations: 127 single-byte characters
L_AMT*n*	Cost of item. This field is required when you pass a value for ItemCategory. These parameters must be ordered sequentially beginning with 0 (for example L_AMT0, L_AMT1). **NOTE:** If you specify a value for L_AMT*n*, you must specify a value for ITEMAMT. Character length and limitations: Must not exceed $10,000 USD in any currency. No currency symbol. Regardless of currency, decimal separator must be a period (.), and the optional thousands separator must be a comma (,). Equivalent to nine characters maximum for USD.

Field	Description
L_QTY*n*	Item quantity. This field is required when you pass a value for ItemCategory.
	These parameters must be ordered sequentially beginning with 0 (for example L_QTY0, L_QTY1).
	Character length and limitations: Any positive integer

What's New in Version 66

Changes to PaymentDetailsType in SetExpressCheckout and DoExpressCheckoutPayment Requests

PaymentDetailsType Fields

Field	Description
PAYMENTREQUEST_*n*_ITEMAMT ITEMAMT *(deprecated)*	Sum of cost of all items in this order. For digital goods, this field is required.
	NOTE: PAYMENTREQUEST_*n*_ITEMAMT is required if you specify L_PAYMENTREQUEST_*n*_AMT*m*.
	ITEMAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_ITEMAMT instead.
PAYMENTREQUEST_*n*_PAYMENT ACTION PAYMENTACTION *(deprecated)*	How you want to obtain payment. When implementing digital goods, this field is required and you must set it to Sale.
	PAYMENTACTION is deprecated since version 63.0. Use PAYMENTREQUEST_0_PAYMENTACTION instead.

Changes to PaymentDetailsItemTypein SetExpressCheckout and DoExpressCheckoutPayment Requests

PaymentDetailsItemType Fields

Field	Description
L_PAYMENTREQUEST_*n*_ITEMC ATEGORY*m*	New field
	Indicates whether the item is digital or physical goods. This field is available since version 65.1. For digital goods this field is required and you must set it to Digital. It is one of the following values:
	• Digital
	• Physical

Field	Description
L_PAYMENTREQUEST_*n*_NAME*m* L_NAME*n* *(deprecated)*	Item name. For digital goods, this field is required. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_NAME0, L_PAYMENTREQUEST_*n*_NAME1). Character length and limitations: 127 single-byte characters L_NAME*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_NAME*m* instead.
L_PAYMENTREQUEST_*n*_DESC*m* L_DESC*n* *(deprecated)*	Item description. For digital goods, this field is required. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_DESC0, L_PAYMENTREQUEST_*n*_DESC1). Character length and limitations: 127 single-byte characters L_DESC*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_DESC*m* instead.
L_PAYMENTREQUEST_*n*_AMT*m* L_AMT*n* *(deprecated)*	Cost of item. For digital goods, this field is required. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_AMT0, L_PAYMENTREQUEST_*n*_AMT1). **NOTE:** If you specify a value for L_PAYMENTREQUEST_*n*_AMT*m*, you must specify a value for PAYMENTREQUEST_*n*_ITEMAMT. Character length and limitations: Must not exceed $10,000 USD in any currency. No currency symbol. Regardless of currency, decimal separator must be a period (.), and the optional thousands separator must be a comma (,). Equivalent to nine characters maximum for USD. L_AMT*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_AMT*m* instead.
L_PAYMENTREQUEST_*n*_QTY*m* L_QTY*n* *(deprecated)*	Item quantity. For digital goods, this field is required. You can specify up to 10 payments, where *n* is a digit between 0 and 9, inclusive, and *m* specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_*n*_QTY0, L_PAYMENTREQUEST_*n*_QTY1). Character length and limitations: Any positive integer L_QTY*n* is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_QTY*m* instead.

Changes to PaymentDetailsItemType in GetExpressCheckoutDetails Response

Field	Description
`L_PAYMENTREQUEST_`*n*`_ITEMC ATEGORY`*m*	New field Inicates whethe item is digital or physical goods. For digital goods this field is required and you must set it to `Digital`. It is one of the following values: ● `Digital` ● `Physical` This field is available since version 65.1.

Revision History

Date	Description
1November 2011	Updated for 84. Added new field and a new type to RefundTransaction API request. Added new field to DoDirectPayment API and DoReferenceTransaction API responses. Edits to improve accuracy.
1 September 2011	General edits to improve consistency.
5 April 2011	Updated for 71.0. Added new fields to the DoExpressCheckout API response to return information about funds that are being held and the seller's encrypted account number.
8 March 2011	Updated for 69.0. Added more digital goods support to the CreateRecurringPaymentsProfile and DoReferenceTransaction APIs to enable the merchant to obtain the best rates for digital goods.
26 January 2011	Updated for 66.0. Describes changes to the ExpressCheckout API for implementing Digital Goods.
15 September 2010	Updated for 64.4, including addition of ProtectionEligibilityType field.
11 May 2010	Updated for 63.0. Added new NVP API fields to use in version 63.0 Express Checkout integrations. Deprecated old fields. Updated billing agreement API with functionality to obtain the latest billing address and to skip billing agreement creation. Added ReverseTransaction API.
10 March 2010	Updated information for 62.0: Describes Express Checkout fields recommended to be used in applications that enable implementing parallel payments for a marketplace.
21 January 2010	Updated information for 61.0: Added Express Checkout fields enabling you to provide gift and insurance options to the PayPal checkout pages.
7 October 2009	Updated information for 60.0: updated currency table with new currencies, and added Express Checkout API fields for Immediatee Payment and eBay.
16 June 2009	Updated information for 58.0: added GetPalDetails API and fields for payment review.
22 May 2009	Minor update to version 57.0; added `CreateBillingAgreement` to Enterprise edition.
08 April 2009	Updated information for 57.0: Express Checkout Callback API and error codes.
26 Nov. 2008	Updated information for 55.0.
23 Sept. 2008	Added information about using billing agreements with SetExpressCheckout.
3 Sept. 2008	Added information about payment review to GetTransactionDetails.

Date	Description
June 2008	Rearranged material, added error codes, and moved some material to the *Express Checkout Integration Guide*.
April 2008	Added Fraud Management Filters information. Changed recurring payments information.
February 2008	Added that ther VERSION parameter must be **50.0** in the API call to use recurring payments.
January 2008	- Added billing agreement fields to SetExpressCheckout for recurring payments - Updated CreateRecurringPaymentsProfile for new recurring payments features. - Added new recurring payments APIs - Added DoNonReferencedCredit API
September 2007	- Update eBay auctions for Express Checkout section - Added fields for the giropay payment method to Express Checkout APIs - Added Direct Payment error 10571.
August 2007	Added recurring payments concepts, modified SetExpressCheckout, DoExpressCheckoutPayment, DoReferenceTransaction, and added additional DoReferenceTransaction error codes.
April 2007	Added Recurring Payments APIs: SetCustomerBillingAgreement, GetBillingAgreementCustomerDetails, and CreateRecurringPaymentsProfile.
February 2007	Bug fixes including updating Line Item Details for Direct Payment and Express Checkout APIs, changing some parameters to optional in DoDirectPayment, adding SHIPTOCOUNTRYCODE, and adding Switch/Solo codes for AVS and CVV2.
December 2006	Updates for bug fixes.
October 2006	First public release.
11 May 2010	Added new NVP API fields to use in version 63.0 Express Checkout integrations. Deprecated old fields. Updated billing agreement API with functionality to obtain the latest billing address and to skip billing agreement creation. Added ReverseTransaction API.

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