



Name-Value Pair API Developer Guide

Name-Value Pair API Developer Guide

Document Number: 100018.en_US-201105

© 2011 PayPal, Inc. All rights reserved. PayPal is a registered trademark of PayPal, Inc. The PayPal logo is a trademark of PayPal, Inc. Other trademarks and brands are the property of their respective owners.

The information in this document belongs to PayPal, Inc. It may not be used, reproduced or disclosed without the written approval of PayPal, Inc.

Copyright © PayPal. All rights reserved. PayPal S.à r.l. et Cie, S.C.A., Société en Commandite par Actions. Registered office: 22-24 Boulevard Royal, L-2449, Luxembourg, R.C.S. Luxembourg B 118 349

Consumer advisory: The PayPal™ payment service is regarded as a stored value facility under Singapore law. As such, it does not require the approval of the Monetary Authority of Singapore. You are advised to read the terms and conditions carefully.

Notice of non-liability:

PayPal, Inc. is providing the information in this document to you "AS-IS" with all faults. PayPal, Inc. makes no warranties of any kind (whether express, implied or statutory) with respect to the information contained herein. PayPal, Inc. assumes no liability for damages (whether direct or indirect), caused by errors or omissions, or resulting from the use of this document or the information contained in this document or resulting from the application or use of the product or service described herein. PayPal, Inc. reserves the right to make changes to any information herein without further notice.



Contents

| | |
|---|-----------|
| What's New | 11 |
| What's New in Version 74.0 | 11 |
| New Behavior of DoExpressCheckoutPayment | 11 |
| New DoExpressCheckoutPayment Error Code | 11 |
| Preface | 13 |
| About This Guide | 13 |
| Intended Audience | 13 |
| Where to Go for More Information | 13 |
| Documentation Feedback | 13 |
| Chapter 1 PayPal NVP API Overview | 15 |
| Introducing the PayPal NVP API | 15 |
| Integrating with PayPal API | 15 |
| Basic Steps | 16 |
| Create a Web Application | 16 |
| Get API Credentials | 16 |
| Create and Post the Request | 16 |
| Interpret the Response | 17 |
| Taking Your Application Live | 17 |
| Set Up a PayPal Business Account | 17 |
| Set Up API Credentials | 17 |
| Modify Your Code | 18 |
| Technical Details | 18 |
| Request-Response Model | 18 |
| Request Format | 19 |
| Posting Using HTTPS | 22 |
| API Servers for API Signature Security | 22 |
| API Servers for API Certificate Security | 22 |
| Chapter 2 AddressVerify API Operation | 23 |
| AddressVerify Request Message | 23 |

| | |
|--|-----------|
| Address Verify Request Fields. | 23 |
| AddressVerify Response Message | 24 |
| Address Verify Response Fields. | 24 |
| Chapter 3 Authorization and Capture API Operation Reference | 25 |
| DoCapture API Operation | 25 |
| DoCapture Request Message | 25 |
| DoCapture Response Message | 27 |
| DoAuthorization API Operation | 27 |
| DoAuthorization Request Message | 27 |
| DoAuthorization Response Message | 28 |
| DoReauthorization API Operation | 30 |
| DoReauthorization Request Message | 30 |
| DoReauthorization Response Message | 30 |
| DoVoid API Operation | 33 |
| DoVoid Request Message | 33 |
| DoVoid Response Message | 33 |
| Chapter 4 DoDirectPayment API Operation | 35 |
| DoDirectPayment Request Message | 35 |
| DoDirectPayment Request Fields | 35 |
| Credit Card Details Fields | 36 |
| Payer Information Fields. | 36 |
| Address Fields. | 37 |
| Payment Details Fields | 37 |
| Payment Details Item Fields | 39 |
| Ebay Item Payment Details Item Fields | 40 |
| Ship To Address Fields | 40 |
| 3D Secure Request Fields (U.K. Merchants Only) | 41 |
| DoDirectPayment Response Message | 42 |
| DoDirectPayment Response Fields | 42 |
| ThreeDSecure Response Fields. | 43 |
| Chapter 5 DoNonReferencedCredit API Operation | 45 |
| DoNonReferencedCredit Request Message | 45 |
| DoNonReferencedCredit Request Fields | 45 |
| Credit Card Details Type Fields | 46 |
| Payer Name Type Fields. | 47 |

| | |
|---|------------|
| Payer Information Fields | 47 |
| Address Fields | 47 |
| DoNonReferencedCredit Response Message | 48 |
| DoNonReferencedCredit Response Fields | 48 |
| Chapter 6 ExpressCheckout API Operations | 49 |
| Callback API Operation | 49 |
| Callback API Request Message | 49 |
| Callback Response Message | 51 |
| SetExpressCheckout API Operation | 53 |
| SetExpressCheckout Request Message | 53 |
| SetExpressCheckout Response Message | 71 |
| GetExpressCheckoutDetails API Operation | 71 |
| GetExpressCheckoutDetails Request Message | 71 |
| GetExpressCheckoutDetails Response Message | 71 |
| DoExpressCheckoutPayment API Operation | 84 |
| DoExpressCheckoutPayment Request Message | 85 |
| DoExpressCheckoutPayment Response Message | 98 |
| Chapter 7 GetBalance API Operation | 109 |
| GetBalance Request Message | 109 |
| GetBalance Request Fields | 109 |
| GetBalance Response Message | 109 |
| GetBalance Response Fields | 109 |
| Chapter 8 GetPalDetails API Operation | 111 |
| GetPalDetails Request Message | 111 |
| GetPalDetails Request Fields | 111 |
| GetPalDetails Response Message | 111 |
| GetPalDetails Response Fields | 111 |
| Chapter 9 GetTransactionDetails API Operation | 113 |
| GetTransactionDetails Request Message | 113 |
| GetTransactionDetails Request Fields | 113 |
| GetTransactionDetails Response Message | 113 |
| Receiver Information Fields | 114 |
| Payer Information Fields | 114 |

| | |
|--|------------|
| Payer Name Fields | .114 |
| Address Fields | .115 |
| Payment Information Fields | .116 |
| Payment Item Information Fields | .119 |
| Payment Item Fields | .119 |
| Auction Information Fields | .120 |
| Subscription Terms Fields | .120 |
| Chapter 10 ManagePendingTransactionStatus API Operation | 121 |
| ManagePendingTransactionStatus Request Message | .121 |
| ManagePendingTransactionStatus Request Fields | .121 |
| ManagePendingTransactionStatus Response Message | .121 |
| ManagePendingTransactionStatus Response Fields | .121 |
| Chapter 11 MassPay API Operation | 123 |
| MassPay Request Message | .123 |
| MassPay Request Fields | .123 |
| MassPay Response Message | .123 |
| MassPay Response Fields | .123 |
| Chapter 12 Recurring Payments and Reference Transactions API Operations | 125 |
| CreateRecurringPaymentsProfile API Operation | .125 |
| CreateRecurringPaymentsProfile Request Message | .126 |
| CreateRecurringPaymentsProfile Response Message | .134 |
| GetRecurringPaymentsProfileDetails API Operation | .134 |
| GetRecurringPaymentsProfileDetails Request Message | .134 |
| GetRecurringPaymentsProfileDetails Response Message | .135 |
| ManageRecurringPaymentsProfileStatus API Operation | .142 |
| ManageRecurringPaymentsProfileStatus Request Message | .142 |
| ManageRecurringPaymentsProfileStatus Response Message | .143 |
| BillOutstandingAmount API Operation | .143 |
| BillOutstandingAmount Request Message | .143 |
| BillOutstandingAmount Response Message | .144 |
| UpdateRecurringPaymentsProfile API Operation | .144 |
| UpdateRecurringPaymentsProfile Request Message | .144 |
| UpdateRecurringPaymentsProfile Response Message | .149 |
| SetCustomerBillingAgreement API Operation | .150 |

| | |
|---|------------|
| SetCustomerBillingAgreement Request Message | .150 |
| SetCustomerBillingAgreement Response Message | .153 |
| GetBillingAgreementCustomerDetails API Operation | .153 |
| GetBillingAgreementCustomerDetails Request Message | .153 |
| GetBillingAgreementCustomerDetails Response Message | .153 |
| BAUpdate API Operation | .155 |
| BAUpdate Request Message | .155 |
| BAUpdate Response Message | .156 |
| DoReferenceTransaction API Operation | .158 |
| DoReferenceTransaction Request Message | .158 |
| DoReferenceTransaction Response Message | .165 |
| Chapter 13 RefundTransaction API Operation | 171 |
| RefundTransaction Request Message | .171 |
| RefundTransaction Request Fields | .171 |
| RefundTransaction Response Message | .172 |
| RefundTransaction Response Fields | .172 |
| Chapter 14 TransactionSearch API Operation | 173 |
| TransactionSearch Request Message | .173 |
| TransactionSearch Request Fields | .173 |
| Payer Name Fields | .175 |
| TransactionSearch Response Message | .175 |
| TransactionSearch Response Fields | .175 |
| Appendix A API Error Codes | 177 |
| General API Errors | .178 |
| Validation Errors | .179 |
| DirectPayment API Errors | .183 |
| SetExpressCheckout API Errors | .196 |
| GetExpressCheckoutDetails API Errors | .210 |
| DoExpressCheckoutPayment API Errors | .212 |
| Authorization and Capture API Errors | .221 |
| GetTransactionDetails API Errors | .225 |
| TransactionSearch API Errors | .225 |
| RefundTransaction API Errors | .227 |

| | |
|---|------------|
| MassPay API Errors | .230 |
| Recurring Payments Errors | .232 |
| SetCustomerBillingAgreement Errors | .240 |
| GetBillingAgreementCustomerDetails Errors | .242 |
| CreateBillingAgreement Errors. | .242 |
| UpdateBillingAgreement Errors | .244 |
| DoReferenceTransaction Errors | .244 |
| AddressVerify API Errors. | .251 |
| ManagePendingTransactionStatus API Errors. | .251 |
| Appendix B Countries and Regions Supported by PayPal | 253 |
| Appendix C State and Province Codes | 259 |
| Appendix D Currency Codes | 263 |
| Appendix E AVS and CVV2 Response Codes | 265 |
| AVS Response Codes | .265 |
| AVS Response Codes for Visa, MasterCard, Discover, and American Express | .265 |
| AVS Response Codes for Maestro and Solo | .266 |
| CVV2 Response Codes | .266 |
| CVV2 Response Codes for Visa, MasterCard, Discover, and American Express. | .266 |
| CVV2 Response Codes for Maestro and Solo. | .267 |
| About Previous Versions of the API. | 269 |
| What's New in Version 72.0 | .269 |
| New TaxIdDetailsType Structure in SetExpressCheckout Request | .269 |
| New TaxIdDetailsType Structure in GetExpressCheckoutDetails Response | .269 |
| What's New in Version 69 | .270 |
| New PaymentDetailsItemType Structure in CreateRecurringPaymentsProfile Request | .270 |
| Changes to PaymentDetailsItemType in DoReferenceTransaction Request | .271 |
| What's New in Version 66 | .272 |
| Changes to PaymentDetailsType in SetExpressCheckout and DoExpressCheckoutPayment Requests. | .272 |
| Changes to PaymentDetailsItemType in SetExpressCheckout and DoExpressCheckoutPayment Requests | .273 |
| Changes to PaymentDetailsItemType in GetExpressCheckoutDetails Response | .274 |



| | |
|-----------------------------------|------------|
| Revision History | 275 |
| Index. | 277 |



What's New

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

What's New in Version 74.0



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

Help us improve this guide by sending feedback to:
`documentationfeedback@paypal.com`

1

PayPal NVP API Overview

This overview describes the PayPal Name-Value Pair (NVP) API at a high level.

- [“Introducing the PayPal NVP API” on page 15](#)
- [“Basic Steps” on page 16](#)
- [“Taking Your Application Live” on page 17](#)
- [“Technical Details” on page 18](#)
- [“Posting Using HTTPS” on page 22](#)

Introducing the PayPal NVP API

The PayPal NVP API is a simple programmatic interface that allows you, the merchant, to access PayPal’s business functionality to:

- Accept PayPal in checkout on your website using Express Checkout.
- Charge a credit card using Direct Payment.
- Capture payments previously authorized through Express Checkout, Direct Payment, or Website Payments Standard.
- Reauthorize or void previous authorizations.
- Pay one or more recipients using Mass Payment.
- Issue full refunds or multiple partial refunds.
- Search transactions using a start date or other criteria.
- View details of a specific transaction.

The PayPal NVP API makes it easy to add PayPal to your web application. You construct an NVP string and post it to the PayPal server using HTTPS. PayPal posts back a response in NVP format.

Integrating with PayPal API

You can develop with the PayPal NVP API using two different approaches:

Integrate Directly

You can integrate directly with the PayPal NVP API using the programming language of your choice. This is the most straightforward and flexible approach. You can download web samples that show how to integrate directly using Classic ASP, PHP, and ColdFusion.

Integrate Using an SDK

You can integrate with the NVP API using a software development kit (SDK). SDKs are provided for Java and ASP.NET. The SDKs provide simple functions for integrating with the NVP API.

Basic Steps

This section describes the basic steps for programming with the PayPal NVP API.

During application development, your application communicates with the PayPal Sandbox test environment. [“Taking Your Application Live” on page 17](#) describes how to move your application to the live PayPal environment.

Create a Web Application

Your NVP API implementation usually runs in a web application. You can write your own application or use one of the samples as a starting point.

Get API Credentials

To access the PayPal API, you need API credentials, either an API signature or API certificate, that identify you.

Use the following sample API signature and password in your sample programs that run in the PayPal Sandbox test environment.

NOTE: If you are using the samples, this signature is already in the code.

Details of the Sample API Signature

| | |
|---------------|--|
| API username | sdk-three_api1.sdk.com |
| API password | QFZCWN5HZM8VBG7Q |
| API signature | A-IzJhZZjh929XQ2qnhapuwXIDzyAZQ92FRP5dqBzVesOkzbdUONzmOU |

Create and Post the Request

Create an NVP request string and post it to PayPal sandbox server. Add code to your web application to do the following tasks:

1. URL-encode the name and value parameters in the request to ensure correct transmission of all characters. This is described in [“URL-Encoding” on page 18](#).
2. Construct the NVP API request string as described in [“Request Format” on page 19](#). The NVP format is described in [“NVP Format” on page 18](#).

3. Post the NVP request to the PayPal Sandbox as described in “Posting Using HTTPS” on page 22.

Interpret the Response

PayPal processes your request and posts back a response in NVP format. Add code to your web application to do the following tasks:

1. Receive the HTTP post response, and extract the NVP string.
2. URL-decode the parameter values as described in “URL-Encoding” on page 18.
3. Take appropriate action for successful and failed responses.

Taking Your Application Live

After you have finished coding and testing your application, deploy your application to the live PayPal server using your PayPal business account and API credentials for that account.

Set Up a PayPal Business Account

When you are ready to deploy your application to the live PayPal server, create a PayPal business account on <https://www.paypal.com>.

Set Up API Credentials

To use the APIs, you need a set of credentials to identify yourself to PayPal. Create an API signature for your business account.

For instructions on setting up API credentials for the business account, go to https://www.paypal.com/IntegrationCenter/ic_certificate.html.

IMPORTANT: If you are using API signature, you must protect the API signature values 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. The sample code does not store these values securely. *The sample code should never be used in production.*

NOTE: While API signature is recommended, you can also use API certificate.

Modify Your Code

The request and response are in URL-encoded format, which is defined by the Worldwide Web Consortium (W3C). URL is defined as part of the URI specification. Find out more about URI at <http://www.w3.org/Addressing/>.

Technical Details

This section describes details of the technologies used by the PayPal NVP API.

Request-Response Model

When you use the PayPal NVP API, you post an NVP request to PayPal, and PayPal posts back an NVP response.

URL Format

The request and response are in URL-encoded format, which is defined by the Worldwide Web Consortium (W3C). URL is defined as part of the URI specification. Find out more about URI at <http://www.w3.org/Addressing/>.

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 field in an NVP string are URL-encoded.

URL-Encoding

The request and response are URL-encoded. URL-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. For example, the following NVP string:

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

is URL-coded 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:

URL-Encoding Methods

| Language | | Method |
|-------------|--------|--|
| ASP.NET | Encode | <code>System.Web.HttpUtility.UrlEncode(buffer, Encoding.Default)</code> |
| | Decode | <code>System.Web.HttpUtility.UrlDecode(buffer, Encoding.Default)</code> |
| Classic ASP | Encode | <code>Server.URLEncode</code> |
| | Decode | No built-in function. Several implementation examples are available on the Internet. |
| Java | Encode | <code>java.net.URLEncoder.encode</code> |
| | Decode | <code>java.net.URLDecoder.decode</code> |
| PHP | Encode | <code>urlencode()</code> |
| | Decode | <code>urldecode()</code> |
| ColdFusion | Encode | <code>URLEncodedFormatstring [, charset]</code> |
| | Decode | <code>URLDecodeurlEncodedString[, charset])</code> |

Request Format

Each NVP request consists of required and optional parameters and their values. Parameter names are not case sensitive. The examples in this document use UPPERCASE for parameter names and divide the parameters into required security parameters and body parameters.

General Format of a Request

| | |
|------------------------------|---|
| Required Security Parameters | <code>USER=apiUsername</code> <code>&PWD=apiPassword</code> <code>&SIGNATURE=apiSignature</code> <code>&SUBJECT=optionalThirdPartyEmailAddress</code> <code>&VERSION=56.0</code> The following parameters are always required: USER PWD VERSION The examples show the required security parameters like this: <code>[requiredSecurityParameters]</code> |
| Body Parameters | <code>&METHOD=methodName</code> <code>&otherRequiredAndOptionalParameters</code> |

In practice, you need to concatenate all parameters and values into a single URL-encoded string. After the METHOD parameter, you can specify the parameters in any order.

Security Parameters

The security parameters are described below. These are your PayPal API credentials.

Required Security Parameters: API Credentials

| Parameter | Value |
|---------------------------|---|
| USER | <i>(Required)</i> Your PayPal API Username. |
| PWD | <i>(Required)</i> Your PayPal API Password. |
| VERSION=<current version> | <i>(Required)</i> Version number of the NVP API service, such as 56.0. |
| SIGNATURE | <i>(Optional)</i> Your PayPal API signature string. If you use an API certificate, do not include this parameter. |
| SUBJECT | <i>(Optional)</i> Email address of a PayPal account that has granted you permission to make this call. Set this parameter only if you are calling an API on a different user's behalf. |

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.

The sample code does not store these values securely. The sample code should never be used in production.

You may see sample code where these values are stored in an HTML form. The following is an example of what you should NOT do in production:

```
<form method=post action=https://api-3t.sandbox.paypal.com/nvp>
<!-- UNPROTECTED VALUES. DO NOT USE IN PRODUCTION! -->
<input type=hidden name=USER value=xxxxxx.paypal.com>
<input type=hidden name=PWD value=abcdefg>
<input type=hidden name=SIGNATURE value=xxxxxxxxxxxxxxxxxx>
...
</form>
```

API Parameters

A response from the PayPal servers is a URL-encoded name-value pair string, just like the request, except it has the following general format.

General Format of a Successful Response

| | |
|-------------------------|--|
| Success Response Fields | ACK=Success&TIMESTAMP=date/timeOfResponse &CORRELATIONID=debuggingToken&VERSION=... &BUILD=buildNumber |
| API Response Fields | &NAME1=value1&NAME2=value2&NAME3=value3&... |

Each response includes the ACK field. If the ACK field's value is Success or SuccessWithWarning, you should process the API response fields. In a successful response, you can ignore all fields up to and including the BUILD field. The important fields begin after the BUILD field.

Error Responses

If the ACK value is Error or Warning, API response fields are not returned. An error response has the following general format.

Format of an Error Response

| | | |
|--------------------------|--|--|
| Response Fields on Error | ACK=Error&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. |
|--------------------------|--|--|

For possible causes of errors and how to correct them, see the explanation of the specific error code, short message, and long message in [“API Error Codes” on page 177](#).

ACK Parameter Values

The following table lists values for the ACK parameter.

ACK Parameter Values

| Type of Response | Value |
|---|--|
| Successful response. | Success SuccessWithWarning |
| Partially successful response (parallel payments implementations only). Some of the payments were successful. | PartialSuccess |
| Error response. | Failure FailureWithWarning Warning |

Posting Using HTTPS

Your web application posts the URL-encoded NVP string over an HTTPS connection to one of the PayPal API servers. PayPal provides a live server and a Sandbox server that allows you to process transactions in a test environment.

API Servers for API Signature Security

If you use an API signature, post the request to one of these servers:

Sandbox: `https://api-3t.sandbox.paypal.com/nvp`

Live: `https://api-3t.paypal.com/nvp`

API Servers for API Certificate Security

If you use an API certificate, post the request to one of these servers:

Sandbox: `https://api.sandbox.paypal.com/nvp`

Live: `https://api.paypal.com/nvp`

2

AddressVerify API Operation

Confirms whether a postal address and postal code match those of the specified PayPal account holder.

- [“AddressVerify Request Message” on page 23](#)
- [“AddressVerify Response Message” on page 24](#)

AddressVerify Request Message

Address Verify Request Fields

| Field | Description |
|--------|--|
| METHOD | <i>(Required)</i> Must be AddressVerify. |
| EMAIL | <i>(Required)</i> Email address of a PayPal member to verify. Maximum string length: 255 single-byte characters Input mask: ?@? . ?? |
| STREET | <i>(Required)</i> First line of the billing or shipping postal address to verify. To pass verification, the value of Street must match the first three single-byte characters of a postal address on file for the PayPal member. Maximum string length: 35 single-byte characters. Alphanumeric plus - , . ‘ # \ Whitespace and case of input value are ignored. |
| ZIP | <i>(Required)</i> Postal code to verify. To pass verification, the value of Zip must match the first five single-byte characters of the postal code of the verified postal address for the verified PayPal member. Maximum string length: 16 single-byte characters. Whitespace and case of input value are ignored. |

AddressVerify Response Message

Address Verify Response Fields

| Field | Description |
|------------------|--|
| CONFIRMATIONCODE | <p>None: The request value of the Email element does not match any email address on file at PayPal.</p> <p>Confirmed: If the response value of the StreetMatch element is Matched, the entire postal address is confirmed.</p> <p>Unconfirmed: PayPal responds that the postal address is unconfirmed.</p> <p>NOTE: The values Confirmed and Unconfirmed both indicate that the member email address passed verification.</p> |
| STREETMATCH | <p>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.</p> <p>Matched: The request value of the Street element matches the first three single-byte characters of a postal address on file for the PayPal member.</p> <p>Unmatched: The request value of the Street element does not match any postal address on file for the PayPal member.</p> |
| ZIPMATCH | <p>None: The request value of the Street element was unmatched. No comparison of the Zip element was made.</p> <p>Matched: The request value of the Zip element matches the ZIP code of the postal address on file for the PayPal member.</p> <p>Unmatched: The request value of the Zip element does not match the ZIP code of the postal address on file for the PayPal member.</p> |
| COUNTRYCODE | Two-character country code (ISO 3166) on file for the PayPal email address. |
| TOKEN | <p>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.</p> <p>The token is valid for 24 hours.</p> <p>Character length and limitations: 94 single-byte characters.</p> |

3

Authorization and Capture API Operation Reference

This chapter describes the PayPal API operations related to delayed payment settlement:

- [“DoCapture API Operation” on page 25](#)
- [“DoAuthorization API Operation” on page 27](#)
- [“DoReauthorization API Operation” on page 30](#)
- [“DoVoid API Operation” on page 33](#)

DoCapture API Operation

Capture an authorized payment.

- [“DoCapture Request Message” on page 25](#)
- [“DoCapture Response Message” on page 27](#)

DoCapture Request Message

DoCapture Request Fields

| Field | Description |
|-----------------|---|
| METHOD | <i>(Required)</i> Must be DoCapture. |
| AUTHORIZATIONID | <i>(Required)</i> The authorization identification number of the payment you want to capture. This is the transaction id returned from DoExpressCheckoutPayment or DoDirectPayment. Character length and limits: 19 single-byte characters maximum. |
| AMT | <i>(Required)</i> Amount to capture. Limitations: Value is a positive number which cannot 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 (,). |
| CURRENCYCODE | <i>(Optional)</i> A three-character currency code. Default: USD. |

| Field | Description |
|----------------|--|
| COMPLETETYPE | <p>(Required) The value <code>Complete</code> indicates that this the last capture you intend to make.</p> <p>The value <code>NotComplete</code> indicates that you intend to make additional captures.</p> <p>NOTE: If <code>Complete</code>, any remaining amount of the original authorized transaction is automatically voided and all remaining open authorizations are voided.</p> <p>Character length and limits: 12 single-byte alphanumeric characters.</p> |
| INVNUM | <p>(Optional) Your invoice number or other identification number that is displayed to the merchant and customer in his transaction history.</p> <p>NOTE: This value on <code>DoCapture</code> will overwrite a value previously set on <code>DoAuthorization</code>.</p> <p>NOTE: The value is recorded only if the authorization you are capturing is an order authorization, not a basic authorization.</p> <p>Character length and limits: 127 single-byte alphanumeric characters.</p> |
| NOTE | <p>(Optional) An informational note about this settlement that is displayed to the payer in email and in his transaction history.</p> <p>Character length and limits: 255 single-byte characters.</p> |
| SOFTDESCRIPTOR | <p>(Optional) The soft descriptor is a per transaction description of the payment that is passed to the consumer's credit card statement.</p> <p>If a value for the soft descriptor field is provided, the full descriptor displayed on the customer's statement has the following format:</p> <pre><PP * PAYPAL *><Merchant descriptor as set in the Payment Receiving Preferences><1 space><soft descriptor></pre> <p>The soft descriptor can contain only the following characters:</p> <ul style="list-style-type: none"> • Alphanumeric characters • - (dash) • * (asterisk) • . (period) • {space} <p>If you use any other characters (such as “,”), an error code is returned.</p> <p>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.</p> <p>The maximum length of the total soft descriptor is 22 characters. Of this, either 4 or 8 characters are used by the PayPal prefix shown in the data format. Thus, the maximum length of the soft descriptor passed in the API request is:</p> $22 - \text{len}(\text{<PP * PAYPAL *>}) - \text{len}(\text{<Descriptor set in Payment Receiving Preferences>}) + 1$ <p>For example, assume the following conditions:</p> <ul style="list-style-type: none"> • The PayPal prefix toggle is set to <code>PAYPAL *</code> in PayPal's admin tools. • The merchant descriptor set in the Payment Receiving Preferences is set to <code>EBAY</code>. • The soft descriptor is passed in as <code>JanesFlowerGifts LLC</code>. <p>The resulting descriptor string on the credit card would be:</p> <pre>PAYPAL *EBAY JanesFlow</pre> |

DoCapture Response Message

NOTE: If you use version 56.0 or later of the DoCapture 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 | The authorization identification number you specified in the request. Character length and limits: 19 single-byte characters maximum. |

DoAuthorization API Operation

Authorize a payment.

- [“DoAuthorization Request Message” on page 27](#)
- [“DoAuthorization Response Message” on page 28](#)

DoAuthorization Request Message

DoAuthorization Request Fields

| Field | Description |
|-------------------|---|
| METHOD | <i>(Required)</i> Must be DoAuthorization. |
| TRANSACTIONID | <i>(Required)</i> The value of the order’s transaction identification number returned by PayPal. Character length and limits: 19 single-byte characters maximum. |
| AMT | <i>(Required)</i> Amount to authorize. Limitations: Value is a positive number which cannot 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 (,). |
| TRANSACTIONENTITY | <i>(Optional)</i> Type of transaction to authorize. The only allowable value is Order, which means that the transaction represents a customer order that can be fulfilled over 29 days. |
| CURRENCYCODE | <i>(Optional)</i> A three-character currency code. See “Currency Codes” on page 263 . |

DoAuthorization Response Message

DoAuthorization Response Fields

| Field | Description |
|---------------|--|
| TRANSACTIONID | An authorization identification number. |
| AMT | The amount you specified in the request. |

AuthorizationInfo Fields

| Field | Description |
|---------------|---|
| PAYMENTSTATUS | <p>Status of the payment.</p> <p>The status of the payment:</p> <ul style="list-style-type: none">• 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 customer'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. |

| Field | Description |
|-------------------------------|---|
| PENDINGREASON | <p>NOTE: PendingReason is returned in the response only if PaymentStatus is Pending.</p> <p>The reason the payment is pending:</p> <ul style="list-style-type: none"> • 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. |
| PROTECTIONELIGIBILITY | <p>Prior to Version 64.4, the kind of seller protection in force for the transaction, which is one of the following values:</p> <ul style="list-style-type: none"> • Eligible – Seller is protected by PayPal's Seller Protection Policy for Unauthorized Payment and Item Not Received • PartiallyEligible – Seller is protected by PayPal's Seller Protection Policy for Item Not Received • Ineligible – Seller is not protected under the Seller Protection Policy |
| PROTECTIONELIGIBILITY TYPE | <p>Since Version 64.4, the kind of seller protection in force for the transaction, which is one of the following values:</p> <ul style="list-style-type: none"> • Eligible – Seller is protected by PayPal's Seller Protection Policy for both Unauthorized Payment and Item Not Received • ItemNotReceivedEligible – Seller is protected by PayPal's Seller Protection Policy for Item Not Received • UnauthorizedPaymentEligible – Seller is protected by PayPal's Seller Protection Policy for Unauthorized Payment • Ineligible – Seller is not protected under the Seller Protection Policy |

DoReauthorization API Operation

- [“DoReauthorization Request Message” on page 30](#)
- [“DoReauthorization Response Message” on page 30](#)

DoReauthorization Request Message

DoReauthorization Request Fields

| Field | Description |
|-----------------|---|
| METHOD | <i>(Required)</i> Must be DoReauthorization. |
| AUTHORIZATIONID | <i>(Required)</i> The value of a previously authorized transaction identification number returned by PayPal. Character length and limits: 19 single-byte characters maximum. |
| AMT | <i>(Required)</i> Amount to reauthorize. Limitations: Value is a positive number which cannot 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 (,). |
| CURRENCYCODE | A three-character currency code. See “Currency Codes” on page 263 . |

DoReauthorization Response Message

DoReauthorization Response Fields

| Field | Description |
|-----------------|---|
| AUTHORIZATIONID | A new authorization identification number. Character length and limits: 19 single-byte characters maximum. |

Authorization Information Fields

| Field | Description |
|---------------|---|
| PAYMENTSTATUS | <p>Status of the payment.</p> <p>The status of the payment:</p> <ul style="list-style-type: none">• 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 <code>PendingReason</code> 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.• 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 <code>PendingReason</code> 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 <code>ReasonCode</code> element.• Processed: A payment has been accepted.• Voided: An authorization for this transaction has been voided. |

| Field | Description |
|-------------------------------|---|
| PENDINGREASON | <p>NOTE: PendingReason is returned in the response only if PaymentStatus is Pending.</p> <p>The reason the payment is pending:</p> <ul style="list-style-type: none"> • 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. |
| PROTECTIONELIGIBILITY | <p>Prior to Version 64.4, the kind of seller protection in force for the transaction, which is one of the following values:</p> <ul style="list-style-type: none"> • Eligible – Seller is protected by PayPal's Seller Protection Policy for Unauthorized Payment and Item Not Received • PartiallyEligible – Seller is protected by PayPal's Seller Protection Policy for Item Not Received • Ineligible – Seller is not protected under the Seller Protection Policy |
| PROTECTIONELIGIBILITY TYPE | <p>Since Version 64.4, the kind of seller protection in force for the transaction, which is one of the following values:</p> <ul style="list-style-type: none"> • Eligible – Seller is protected by PayPal's Seller Protection Policy for both Unauthorized Payment and Item Not Received • ItemNotReceivedEligible – Seller is protected by PayPal's Seller Protection Policy for Item Not Received • UnauthorizedPaymentEligible – Seller is protected by PayPal's Seller Protection Policy for Unauthorized Payment • Ineligible – Seller is not protected under the Seller Protection Policy |

DoVoid API Operation

Void an order or an authorization.

- “DoVoid Request Message” on page 33
- “DoVoid Response Message” on page 33

DoVoid Request Message

DoVoid Request Fields

| Field | Description |
|-----------------|--|
| METHOD | <i>(Required)</i> Must be DoVoid. |
| AUTHORIZATIONID | <i>(Required)</i> The 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 limits: 19 single-byte characters. |
| NOTE | <i>(Optional)</i> An informational note about this void that is displayed to the payer in email and in his transaction history. Character length and limits: 255 single-byte characters |

DoVoid Response Message

DoVoid Response Fields

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

4

DoDirectPayment API Operation

Process a credit card payment.

- [“DoDirectPayment Request Message” on page 35](#)
- [“DoDirectPayment Response Message” on page 42](#)

DoDirectPayment Request Message

DoDirectPayment Request Fields

| Field | Description |
|------------------|--|
| METHOD | <i>(Required)</i> Must be DoDirectPayment. |
| PAYMENTACTION | <i>(Optional)</i> How you want to obtain payment: <ul style="list-style-type: none">• Authorization indicates that this payment is a basic authorization subject to settlement with PayPal Authorization & Capture.• Sale indicates that this is a final sale for which you are requesting payment. Character length and limit: Up to 13 single-byte alphabetic characters. Default: Sale NOTE: Order is not allowed for Direct Payment. |
| IPADDRESS | <i>(Required)</i> IP address of the payer’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 | <i>(Optional)</i> Flag to indicate whether you want the results returned by Fraud Management Filters. By default, you do not receive this information. <ul style="list-style-type: none">• 0 - do not receive FMF details (default)• 1 - receive FMF details |

Credit Card Details Fields

| Field | Description |
|----------------|---|
| CREDITCARDTYPE | <p>(Required) Type of credit card.</p> <p>Character length and limitations: Up to ten single-byte alphabetic characters.</p> <p>Allowable values:</p> <ul style="list-style-type: none"> • Visa • MasterCard • Discover • Amex • Maestro: See note. • Solo: See note. <p>For UK, only Maestro, Solo, MasterCard, Discover, and Visa are allowable. For Canada, only MasterCard and Visa are allowable; Interac debit cards are not supported.</p> <p>NOTE: If the credit card type is Maestro or Solo, the CURRENCYCODE must be GBP. In addition, either STARTDATE or ISSUENUMBER must be specified.</p> |
| ACCT | <p>(Required) Credit card number.</p> <p>Character length and limitations: numeric characters only. No spaces or punctuation. Must conform with modulo and length required by each credit card type.</p> |
| EXPDATE | <p>Credit card expiration date.</p> <p>This field is required if you are using recurring payments with direct payments.</p> <p>Format: MMYYYY</p> <p>Character length and limitations: Six single-byte alphanumeric characters, including leading zero.</p> |
| CVV2 | <p>Card Verification Value, version 2. Your Merchant Account settings determine whether this field is required. Character length for Visa, MasterCard, and Discover: exactly three digits. Character length for American Express: exactly four digits. To comply with credit card processing regulations, you must not store this value after a transaction has been completed.</p> |
| STARTDATE | <p>(Optional) Month and year that Maestro or Solo card was issued, the MMYYYY format.</p> <p>Character length: Must be six digits, including leading zero.</p> |
| ISSUENUMBER | <p>(Optional) Issue number of Maestro or Solo card. Character length: two numeric digits maximum.</p> |

Payer Information Fields

| Field | Description |
|-------|---|
| EMAIL | <p>(Optional) Email address of payer.</p> <p>Character length and limitations: 127 single-byte characters</p> |

| Field | Description |
|-----------|---|
| FIRSTNAME | (Required) Payer's first name. Character length and limitations: 25 single-byte characters |
| LASTNAME | (Required) Payer'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 limit: Two 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 limit: 20 single-byte characters. |

Payment Details Fields

| Field | Description |
|-------|---|
| AMT | (Required) The total cost of the transaction to the customer. 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; for example, when you set up a billing agreement for a recurring payment that is not immediately charged. Purchase-specific fields will be ignored. 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 (,). |

| Field | Description |
|--------------|---|
| CURRENCYCODE | (Optional) A three-character currency code. Default: USD. |
| ITEMAMT | <p>(Optional) Sum of cost of all items in this order.</p> <p>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 (,).</p> <p>NOTE: ITEMAMT is required if you specify L_AMT<i>n</i>.</p> |
| SHIPPINGAMT | <p>(Optional) Total shipping costs for this order.</p> <p>NOTE: If you specify a value for SHIPPINGAMT, you must also specify a value for ITEMAMT.</p> <p>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.</p> |
| HANDLINGAMT | <p>(Optional) Total handling costs for this order.</p> <p>NOTE: If you specify a value for HANDLINGAMT, you must also specify a value for ITEMAMT.</p> <p>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.</p> |
| TAXAMT | <p>(Optional) Sum of tax for all items in this order.</p> <p>NOTE: TAXAMT is required if you specify L_TAXAMT<i>n</i>.</p> <p>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.</p> |
| DESC | <p>(Optional) Description of items the customer is purchasing.</p> <p>NOTE: The value you specify is only available 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.</p> <p>Character length and limitations: 127 single-byte alphanumeric characters</p> |
| CUSTOM | <p>(Optional) A free-form field for your own use.</p> <p>NOTE: The value you specify is only available 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.</p> <p>Character length and limitations: 256 single-byte alphanumeric characters</p> |

| Field | Description |
|--------------|--|
| INVNUM | <p>(Optional) Your own invoice or tracking number.</p> <p>NOTE: The value you specify is only available 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.</p> <p>Character length and limitations: 127 single-byte alphanumeric characters</p> |
| BUTTONSOURCE | <p>(Optional) An identification code for use by third-party applications to identify transactions.</p> <p>Character length and limitations: 32 single-byte alphanumeric characters</p> |
| NOTIFYURL | <p>(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.</p> <p>IMPORTANT: The notify URL only applies to DoExpressCheckoutPayment. This value is ignored when set in SetExpressCheckout or GetExpressCheckoutDetails.</p> <p>Character length and limitations: 2,048 single-byte alphanumeric characters</p> |

Payment Details Item Fields

| Field | Description |
|--------------|--|
| L_NAME n | <p>(Optional) Item name.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_NAME0, L_NAME1).</p> <p>Character length and limitations: 127 single-byte characters</p> |
| L_DESC n | <p>(Optional) Item description.</p> <p>Character length and limitations: 127 single-byte characters</p> |
| L_AMT n | <p>(Optional) Cost of item.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_AMT0, L_AMT1).</p> <p>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.</p> <p>NOTE: If you specify a value for L_AMTn, you must specify a value for ITEMAMT.</p> |
| L_NUMBER n | <p>(Optional) Item number.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_NUMBER0, L_NUMBER1).</p> <p>Character length and limitations: 127 single-byte characters</p> |

| Field | Description |
|--------------|--|
| L_QTY n | <p>(Optional) Item quantity.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_QTY0, L_QTY1).</p> <p>Character length and limitations: Any positive integer</p> |
| L_TAXAMT n | <p>(Optional) Item sales tax.</p> <p>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.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_TAXAMT0, L_TAXAMT1).</p> |

Ebay Item Payment Details Item Fields

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

Ship To Address Fields

| Field | Description |
|--------------|---|
| SHIPTONAME | <p>Person's name associated with this shipping address. Required if using a shipping address.</p> <p>Character length and limitations: 32 single-byte characters.</p> |
| SHIPTOSTREET | <p>First street address. Required if using a shipping address.</p> <p>Character length and limitations: 100 single-byte characters.</p> |

| Field | Description |
|----------------|--|
| SHIPTOSTREET2 | (Optional) 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. |
| SHIPTOPHONENUM | (Optional) Phone number. Character length and limit: 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 <code>cmpi_lookup</code> request returns Y for Enrolled, set this field to the <code>PAREsStatus</code> value returned by <code>cmpi_authenticate</code> ; otherwise, set this field to blank. |
| MPIVENDOR3DS | (Optional) A value returned by the Cardinal Centinel. Set this field to the Enrolled value returned by <code>cmpi_lookup</code> . |
| CAVV | (Optional) A value returned by the Cardinal Centinel. If the <code>cmpi_lookup</code> request returns Y for Enrolled, set this field to the <code>Cavv</code> value returned by <code>cmpi_authenticate</code> ; otherwise, set this field to blank. |
| ECI3DS | (Optional) A value returned by the Cardinal Centinel. If the <code>cmpi_lookup</code> request returns Y for Enrolled, set this field to the <code>EciFlag</code> value returned by <code>cmpi_authenticate</code> ; otherwise, set this field to the <code>EciFlag</code> value returned by <code>cmpi_lookup</code> . |
| XID | (Optional) A value returned by the Cardinal Centinel. If the <code>cmpi_lookup</code> request returns Y for Enrolled, set this field to the <code>Xid</code> value returned by <code>cmpi_authenticate</code> ; otherwise set this field to blank. |

DoDirectPayment Response Message

DoDirectPayment Response Fields

| Field | Description |
|------------------|---|
| TRANSACTIONID | <p>Unique transaction ID of the payment.</p> <p>NOTE: If the PaymentAction of the request was Authorization, the value of TransactionID is your AuthorizationID for use with the Authorization & Capture APIs.</p> <p>Character length and limitations: 19 single-byte characters.</p> |
| AMT | <p>This value is the amount of the payment as specified by you on DoDirectPaymentRequest for reference transactions with direct payments.</p> |
| AVSCODE | <p>Address Verification System response code. See “AVS Response Codes” on page 265 for possible values.</p> <p>Character limit: One single-byte alphanumeric character</p> |
| CVV2MATCH | <p>Result of the CVV2 check by PayPal.</p> |
| L_FMFfilterIDn | <p>Filter ID, including the <i>filter</i> type (PENDING, REPORT, or DENY), the filter <i>ID</i>, and the entry number, <i>n</i>, starting from 0. Filter <i>ID</i> is one of the following values:</p> <ul style="list-style-type: none"> • 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_FMFfilterNAMEn | <p>Filter name, including the <i>filter</i> type, (PENDING, REPORT, or DENY), the filter <i>NAME</i>, and the entry number, <i>n</i>, starting from 0.</p> |

ThreeDSecure Response Fields

| Field | Description |
|-----------------|---|
| VPAS | <p>Returned only for Verified by Visa transactions. Visa Payer Authentication Service status indicating whether Verified by Visa confirms that the information received is acceptable.</p> <p>Authentication:</p> <ul style="list-style-type: none">• Good result: 2 or D• Bad result: 1 <p>Attempted authentication:</p> <ul style="list-style-type: none">• Good result: 3, 6, 8, A, or C• Bad result: 4, 7, or 9 <p>No liability shift: Blank, 0, or B</p> |
| ECISUBMITTED3DS | <p>The Electronic Commerce Indicator (ECI) that PayPal submitted with the payment authorisation request. This <i>might not</i> be the same value received from the merchant; in rare cases, PayPal might be required to use a different ECI for authorisation based on the full set of 3-D Secure values provided from the <code>cmpi_authenticate</code> request.</p> <p>MasterCard:</p> <ul style="list-style-type: none">• 01: Merchant Liability• 02: Issuer Liability <p>Visa:</p> <ul style="list-style-type: none">• 05: Issuer Liability• 06: Issuer Liability• 07: Merchant Liability |

5

DoNonReferencedCredit API Operation

Issue a credit to a card not referenced by the original transaction.

- [“DoNonReferencedCredit Request Message” on page 45](#)
- [“DoNonReferencedCredit Response Message” on page 48](#)

DoNonReferencedCredit Request Message

DoNonReferencedCredit Request Fields

| Field | Description |
|-------------|---|
| METHOD | <i>(Required)</i> Must be DoNonReferencedCredit. |
| AMT | <i>(Required)</i> Total of order, including shipping, handling, and tax. 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 (,). Amount = NetAmount + ShippingAmount + TaxAmount |
| NETAMT | <i>(Optional)</i> Total amount of all items in this transaction. 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 (,). The only valid currencies are AUD, CAD, EUR, GBP, JPY, and USD. |
| TAXAMT | <i>(Optional)</i> Sum of tax for all items in this order. Limitations: The value must be zero or greater and cannot 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 (,). The only valid currencies are AUD, CAD, EUR, GBP, JPY, and USD. |
| SHIPPINGAMT | <i>(Optional)</i> Total shipping costs in this transaction. Limitations: Value must be zero or greater and cannot 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 (,). The only valid currencies are AUD, CAD, EUR, GBP, JPY, and USD. |
| NOTE | <i>(Optional)</i> Field used by merchant to record why this credit was issued to a buyer. Similar to a “memo” field. Freeform text. String field. |

| Field | Description |
|--------------|--|
| CURRENCYCODE | (Required) Currency code. Default: USD. The only valid currencies are AUD, CAD, EUR, GBP, JPY, and USD. |

Credit Card Details Type Fields

| Field | Description |
|----------------|---|
| CREDITCARDTYPE | <p>(Required) Type of credit card.</p> <p>Character length and limitations: Up to ten single-byte alphabetic characters.</p> <p>Allowable values:</p> <ul style="list-style-type: none"> • Visa • MasterCard • Discover • Amex • Maestro: See note. • Solo: See note. <p>For UK, only Maestro, Solo, MasterCard, Discover, and Visa are allowable. For Canada, only MasterCard and Visa are allowable; Interac debit cards are not supported.</p> <p>NOTE: If the credit card type is Maestro or Solo, the CURRENCYCODE must be GBP. In addition, either STARTDATE or ISSUENUMBER must be specified.</p> |
| ACCT | <p>(Required) Credit card number.</p> <p>Character length and limitations: numeric characters only. No spaces or punctuation. Must conform with modulo and length required by each credit card type.</p> |
| EXPDATE | <p>Credit card expiration date.</p> <p>This field is required if you are using recurring payments with direct payments.</p> <p>Format: MMYYYY</p> <p>Character length and limitations: Six single-byte alphanumeric characters, including leading zero.</p> |
| CVV2 | <p>Card Verification Value, version 2. Your Merchant Account settings determine whether this field is required. Character length for Visa, MasterCard, and Discover: exactly three digits. Character length for American Express: exactly four digits. To comply with credit card processing regulations, you must not store this value after a transaction has been completed.</p> |
| STARTDATE | <p>(Optional) Month and year that Maestro or Solo card was issued, the MMYYYY format.</p> <p>Character length: Must be six digits, including leading zero.</p> |
| ISSUENUMBER | <p>(Optional) Issue number of Maestro or Solo card. Character length: two numeric digits maximum.</p> |

Payer Name Type Fields

| Field | Description |
|------------|--|
| SALUTATION | <i>(Optional)</i> Payer's salutation. Character length and limitations: 20 single-byte characters. |
| FIRSTNAME | <i>(Optional)</i> Payer's first name. Character length and limitations: 25 single-byte characters. |
| MIDDLENAME | <i>(Optional)</i> Payer's middle name. Character length and limitations: 25 single-byte characters. |
| LASTNAME | <i>(Optional)</i> Payer's last name Character length and limitations: 25 single-byte characters. |
| SUFFIX | <i>(Optional)</i> Payer's suffix Character length and limitations: 12 single-byte characters. |

Payer Information Fields

| Field | Description |
|-----------|---|
| EMAIL | <i>(Optional)</i> Email address of payer. Character length and limitations: 127 single-byte characters |
| FIRSTNAME | <i>(Required)</i> Payer's first name. Character length and limitations: 25 single-byte characters |
| LASTNAME | <i>(Required)</i> Payer's last name. Character length and limitations: 25 single-byte characters |

Address Fields

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

DoNonReferencedCredit API Operation

DoNonReferencedCredit Response Message

| Field | Description |
|----------------|--|
| COUNTRYCODE | <i>(Required)</i> Country code. Character limit: Two single-byte characters. |
| ZIP | <i>(Required)</i> U.S. zip code or other country-specific postal code. Character length and limitations: 20 single-byte characters. |
| SHIPTOPHONENUM | <i>(Optional)</i> Phone number. Character length and limit: 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. The only valid currencies are AUD, CAD, EUR, GBP, JPY, and USD. |

6

ExpressCheckout API Operations

This chapter describes the PayPal API operations related to Express Checkout transactions:

- [“Callback API Operation” on page 49](#)
- [“SetExpressCheckout API Operation” on page 53](#)
- [“GetExpressCheckoutDetails API Operation” on page 71](#)
- [“DoExpressCheckoutPayment API Operation” on page 84](#)

Callback API Operation

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

- [“Callback API Request Message” on page 49](#)
- [“Callback Response Message” on page 51](#)

Callback API Request Message

Callback Request Fields

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

| Field | Description |
|---|---|
| LOCALECODE | <p>(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:</p> <ul style="list-style-type: none"> • AU - Australia • AT - Austria • BE - Belgium • CA - Canada • CH - Switzerland • CN - China • DE - Germany • ES - Spain • GB - United Kingdom • FR - France • IT - Italy • NL - Netherlands • PL - Poland • US - United States <p>Any other value will default to US.</p> |
| L_NAME <i>n</i> | <p>Item name from the Express Checkout API. These parameters must be ordered sequentially beginning with 0 (for example, L_NAME0, L_NAME1).</p> |
| L_NUMBER <i>n</i> | <p>Item number from the Express Checkout API. These parameters must be ordered sequentially beginning with 0 (for example, L_NUMBER0, L_NUMBER1).</p> |
| L_DESC <i>n</i> | <p>Item description from the Express Checkout API. These parameters must be ordered sequentially beginning with 0 (for example, L_DESC0, L_DESC1).</p> |
| L_AMT <i>n</i> | <p>Item unit price from the Express Checkout API. These parameters must be ordered sequentially beginning with 0 (for example, L_AMT0, L_AMT1).</p> |
| L_QTY <i>n</i> | <p>Item unit quantity from the Express Checkout API. These parameters must be ordered sequentially beginning with 0 (for example, L_QTY0, L_QTY1).</p> |
| L_ITEMWEIGHTVALUE <i>n</i> L_ITEMWEIGHTUNIT <i>n</i> | <p>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).</p> |
| L_ITEMHEIGHTVALUE <i>n</i> L_ITEMHEIGHTUNIT <i>n</i> | <p>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, L_ITEMHEIGHTVALUE1).</p> |

| Field | Description |
|---|--|
| L_ITEMWIDTHVALUE <i>n</i> L_ITEMWIDTHUNIT <i>n</i> | 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 <i>n</i> L_ITEMLENGTHUNIT <i>n</i> | 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 | <i>(Required)</i> The method sent to the PayPal server. The value is always <code>CallbackResponse</code> . |
| CURRENCYCODE | <i>(Required)</i> The three-character currency code for the transaction from the Express Checkout API. |
| OFFERINSURANCEOPTIO N | <i>(Optional)</i> Indicates whether or not PayPal should display insurance in a drop-down list on the Review page. When the value is <code>true</code> , PayPal displays the drop-down with the associated amount and the string <code>'Yes. '</code> |

| Field | Description |
|----------------------------|---|
| L_SHIPPINGOPTIONNAME n | <p>(Required) Is the internal/system name of a shipping option, such as Air, Ground, or Expedited.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example, L_SHIPPINGOPTIONNAME0, L_SHIPPINGOPTIONNAME1).</p> <p>Character length and limitations: 50 characters</p> |
| L_SHIPPINGOPTIONLABEL n | <p>(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.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example, L_SHIPPINGALABEL0, L_SHIPPINGLABEL1).</p> <p>Character length and limitations: 50 characters</p> |
| L_SHIPPINGOPTIONAMOUNT n | <p>(Required) Is the amount for this shipping option.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example, L_SHIPPINGAMOUNT0, L_SHIPPINGAMOUNT1).</p> <p>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.</p> |
| L_SHIPPINGOPTIONISDEFAULT | <p>(Required) The option that is selected by default for the buyer and is also reflected in the "default" total.</p> |
| L_TAXAMT n | <p>(Optional) New tax amount based on this shipping option and the shipping address.</p> <p>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.</p> |
| L_INSURANCEAMOUNT n | <p>(Optional) New insurance amount based on this shipping option and the shipping address.</p> <p>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.</p> |
| OFFERINSURANCEOPTION | <p>(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.'</p> |
| NOSHIPPINGOPTIONDETAILS | <p>(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.</p> |

SetExpressCheckout API Operation

Initiates an Express Checkout transaction.

- [“SetExpressCheckout Request Message” on page 53](#)
- [“SetExpressCheckout Response Message” on page 71](#)

SetExpressCheckout Request Message

SetExpressCheckout Request Fields

| Field | Description |
|-------------------------|---|
| METHOD | <i>(Required)</i> Must be SetExpressCheckout. |
| TOKEN | <i>(Optional)</i> A timestamped token, the value of which was returned by SetExpressCheckout response. Character length and limitations: 20 single-byte characters |
| AMT <i>(deprecated)</i> | This field is deprecated since version 53.0. Use PAYMENTREQUEST_0_AMT instead. <i>(Required)</i> The total cost of the transaction to the customer. 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. If the transaction does not include a one-time purchase; for example, when you set up a billing agreement for a recurring payment, set this field to 0. 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 (,). |
| MAXAMT | <i>(Optional)</i> The expected maximum total amount of the complete order, including shipping cost and tax charges. 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. If the transaction includes one or more one-time purchases, this field is ignored. 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 (,). |

| Field | Description |
|--------------------|---|
| RETURNURL | <p>(Required) URL to which the customer's browser is returned after choosing to pay with PayPal.</p> <p>NOTE: PayPal recommends that the value be the final review page on which the customer confirms the order and payment or billing agreement.</p> <p>For digital goods, you must add JavaScript to this page to close the in-context experience.</p> <p>Character length and limitations: 2048 characters</p> |
| CANCELURL | <p>(Required) URL to which the customer is returned if he does not approve the use of PayPal to pay you.</p> <p>NOTE: PayPal recommends that the value be the original page on which the customer chose to pay with PayPal or establish a billing agreement.</p> <p>For digital goods, you must add JavaScript to this page to close the in-context experience.</p> <p>Character length and limitations: 2048 characters</p> |
| CALLBACK | <p>(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.</p> <p>Character length and limitations: 1024 characters</p> <p>This field is available since version 53.0.</p> |
| CALLBACKTIMEOUT | <p>(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.</p> <p>Character length and limitations: An integer between 1 and 6</p> |
| REQCONFIRMSHIPPING | <p>The value 1 indicates that you require that the customer's shipping address on file with PayPal be a confirmed address. For digital goods, this field is required. You must set the value to 0.</p> <p>NOTE: Setting this field overrides the setting you have specified in your Merchant Account Profile.</p> <p>Character length and limitations: One single-byte numeric character.</p> <p>Allowable values: 0, 1</p> |
| NOSHIPPING | <p>Determines where or not PayPal displays shipping address fields on the PayPal pages. For digital goods, this field is required. You must set it to 1.</p> <p>Allowable values: 0, 1, 2</p> <ul style="list-style-type: none"> ● 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 <p>Character length and limitations: Four single-byte numeric characters.</p> |

| Field | Description |
|--------------|---|
| ALLOWNOTE | <p>(Optional) The value 1 indicates that the customer may enter a note to the merchant on the PayPal page during checkout. The note is returned in the <code>GetExpressCheckoutDetails</code> response and the <code>DoExpressCheckoutPayment</code> response.</p> <p>Character length and limitations: One single-byte numeric character.</p> <p>Allowable values: 0, 1</p> <p>This field is available since version 53.0.</p> |
| ADDROVERRIDE | <p>(Optional) The value 1 indicates that the PayPal pages should display the shipping address set by you in this <code>SetExpressCheckout</code> request, not the shipping address on file with PayPal for this customer.</p> <p>Displaying the PayPal street address on file does not allow the customer to edit that address.</p> <p>Character length and limitations: One single-byte numeric character.</p> <p>Allowable values: 0, 1</p> |
| LOCALECODE | <p>(Optional) Locale of pages displayed by PayPal during Express Checkout.</p> <p>Character length and limitations: Any two-character country code.</p> <p>The following two-character country codes are supported by PayPal:</p> <ul style="list-style-type: none"> • AU - Australia • AT - Austria • BE - Belgium • CA - Canada • CH - Switzerland • CN - China • DE - Germany • ES - Spain • GB - United Kingdom • FR - France • IT - Italy • NL - Netherlands • PL - Poland • US - United States <p>Any other value will default to US.</p> |
| PAGESTYLE | <p>(Optional) Sets the Custom Payment Page Style for payment pages associated with this button/link. This value corresponds to the HTML variable <code>page_style</code> for customizing payment pages. The value is the same as the Page Style Name you chose when adding or editing the page style from the <code>Profile</code> subtab of the <code>My Account</code> tab of your PayPal account.</p> <p>Character length and limitations: 30 single-byte alphabetic characters</p> |
| HDRIMG | <p>(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 is displayed.</p> <p>Character length and limit: 127 single-byte alphanumeric characters</p> |

| Field | Description |
|-------------------------------|---|
| HDRBORDERCOLOR | <p>(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.</p> <p>Character length and limitation: Six character HTML hexadecimal color code in ASCII</p> |
| HDRBACKCOLOR | <p>(Optional) Sets the background color for the header of the payment page. By default, the color is white.</p> <p>Character length and limitation: Six character HTML hexadecimal color code in ASCII</p> |
| PAYFLOWCOLOR | <p>(Optional) Sets the background color for the payment page. By default, the color is white.</p> <p>Character length and limitation: Six character HTML hexadecimal color code in ASCII</p> |
| PAYMENTACTION (deprecated) | <p>This field is deprecated. Use PAYMENTREQUEST_0_PAYMENTACTION instead.</p> <p>(Optional) How you want to obtain payment:</p> <ul style="list-style-type: none"> • Sale indicates that this is a final sale for which you are requesting payment. (Default) • Authorization indicates that this payment is a basic authorization subject to settlement with PayPal Authorization & Capture. • Order indicates that this payment is an order authorization subject to settlement with PayPal Authorization & Capture. <p>If the transaction does not include a one-time purchase, this field is ignored.</p> <p>NOTE: You cannot set this value to Sale in SetExpressCheckout request and then change this value to Authorization or Order on the final API DoExpressCheckoutPayment request. If the value is set to Authorization or Order in SetExpressCheckout, the value may be set to Sale or the same value (either Authorization or Order) in DoExpressCheckoutPayment.</p> <p>Character length and limit: Up to 13 single-byte alphabetic characters</p> <p>Default value: Sale</p> |
| EMAIL | <p>(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.</p> <p>Character length and limit: 127 single-byte alphanumeric characters</p> |
| SOLUTIONTYPE | <p>(Optional) Type of checkout flow:</p> <ul style="list-style-type: none"> • 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. <p>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</p> |

| Field | Description |
|---------------------------|--|
| LANDINGPAGE | (Optional) Type of PayPal page to display: <ul style="list-style-type: none"> • Billing: non-PayPal account • Login: PayPal account login |
| CHANNELTYPE | (Optional) Type of channel: <ul style="list-style-type: none"> • Merchant: non-auction seller • eBayItem: eBay auction |
| GIROPAYSUCCESSURL | (Optional) The URL on the merchant site to redirect to after a successful giropay payment. 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. 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. 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 |
| CUSTOMERSERVICE NUMBER | (Optional) Merchant Customer Service number displayed on the PayPal Review page. Limitations: 16 single-byte characters |
| GIFTMESSAGEENABLE | (Optional) Enable gift message widget on the PayPal Review page. Allowable values are 0 and 1 |
| GIFTRECEIPTENABLE | (Optional) Enable gift receipt widget on the PayPal Review page. Allowable values are 0 and 1 |
| GIFTWRAPENABLE | (Optional) Enable gift wrap widget on the PayPal Review page. NOTE: If the value 1 is passed for this field values for the gift wrap amount and gift wrap name are not passed, the gift wrap name will not be displayed and the gift wrap amount will display as 0.00. Allowable values are 0 and 1 |
| GIFTWRAPNAME | (Optional) Label for the gift wrap option such as “Box with ribbon”. Limitations: 25 single-byte characters |
| GIFTWRAPAMOUNT | (Optional) Label for the gift wrap option such as “Blue box with ribbon”. 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 (,). |

| Field | Description |
|-----------------------------|--|
| BUYEREMAILOPTINENABLE | (Optional) Enable buyer email opt-in on the PayPal Review page. Allowable values are 0 and 1 |
| SURVEYQUESTION | (Optional) Text for the survey question on the PayPal Review page. If the survey question is present, at least 2 survey answer options need to be present. 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) Enable survey functionality. Allowable values are 0 and 1 |
| L_SURVEYCHOICE _n | (Optional) Possible options for the survey answers on the PayPal Review page. Answers are displayed only if a valid survey question is present. Limitations: 15 single-byte characters |

AddressType Fields

| Field | Description |
|---|---|
| PAYMENTREQUEST_ <i>n</i> _SHIPTONAME SHIPTONAME (deprecated) | Person's name associated with this shipping address. Required if using a shipping address. You can specify up to 10 payments, where <i>n</i> 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_ <i>n</i> _SHIPTOSTREET SHIPTOSTREET (deprecated) | First street address. Required if using a shipping address. You can specify up to 10 payments, where <i>n</i> 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_ <i>n</i> _SHIPTOSTREET2 SHIPTOSTREET2 (deprecated) | (Optional) Second street address. You can specify up to 10 payments, where <i>n</i> 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_ <i>n</i> _SHIPTOCITY SHIPTOCITY (<i>deprecated</i>) | Name of city. Required if using a shipping address. You can specify up to 10 payments, where <i>n</i> 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_ <i>n</i> _SHIPTOSTATE SHIPTOSTATE (<i>deprecated</i>) | State or province. Required if using a shipping address. You can specify up to 10 payments, where <i>n</i> 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_ <i>n</i> _SHIPTOZIP SHIPTOZIP (<i>deprecated</i>) | U.S. zip code or other country-specific postal code. Required if using a U.S. shipping address; may be required for other countries. You can specify up to 10 payments, where <i>n</i> 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_ <i>n</i> _SHIPTOCOUNTRYCODE SHIPTOCOUNTRY (<i>deprecated</i>) | Country code. Required if using a shipping address. You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. Character limit: 2 single-byte characters. SHIPTOCOUNTRY is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOCOUNTRYCODE instead. |
| PAYMENTREQUEST_ <i>n</i> _SHIPTOPHONENUM SHIPTOPHONENUM (<i>deprecated</i>) | (<i>Optional</i>) Phone number. You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. Character length and limit: 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_ <i>n</i> _AMT AMT (deprecated) | <p>(Required) The total cost of the transaction to the customer. 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.</p> <p>If the transaction includes one or more one-time purchases, this field must be equal to the sum of the purchases.</p> <p>Set this field to 0 if the transaction does not include a one-time purchase; for example, when you set up a billing agreement for a recurring payment that is not immediately charged. Purchase-specific fields will be ignored.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. 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 (,).</p> <p>AMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_AMT instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _CURRENCYCODE CURRENCYCODE (deprecated) | <p>(Optional) A three-character currency code. Default: USD.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. CURRENCYCODE is deprecated since version 63.0. Use PAYMENTREQUEST_0_CURRENCYCODE instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _ITEMAMT ITEMAMT (deprecated) | <p>Sum of cost of all items in this order. For digital goods, this field is required.</p> <p>NOTE: PAYMENTREQUEST_<i>n</i>_ITEMAMT is required if you specify L_PAYMENTREQUEST_<i>n</i>_AMT.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. 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 (,).</p> <p>ITEMAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_ITEMAMT instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _SHIPPINGAMT SHIPPINGAMT (deprecated) | <p>(Optional) Total shipping costs for this order.</p> <p>NOTE: If you specify a value for PAYMENTREQUEST_<i>n</i>_SHIPPINGAMT, you must also specify a value for PAYMENTREQUEST_<i>n</i>_ITEMAMT.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. 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.</p> <p>SHIPPINGAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPPINGAMT instead.</p> |

| Field | Description |
|---|--|
| PAYMENTREQUEST_ <i>n</i> _INSURANCEAMT INSURANCEAMT (<i>deprecated</i>) | <p>(<i>Optional</i>) Total shipping insurance costs for this order. The value must be a non-negative currency amount or null if insurance options are offered.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. 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.</p> <p>INSURANCEAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_INSURANCEAMT instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _SHIPPINGDISCAMT SHIPPINGDISCAMT (<i>deprecated</i>) | <p>(<i>Optional</i>) Shipping discount for this order, specified as a negative number.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. 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.</p> <p>SHIPPINGDISCAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPPINGDISCAMT instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _INSURANCEOPTIONOFFERED INSURANCEOPTIONOFFERED (<i>deprecated</i>) | <p>(<i>Optional</i>) If true, the Insurance drop-down on the PayPal Review page displays the string 'Yes' and the insurance amount. If true, the total shipping insurance for this order must be a positive number.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. Character length and limitations: true or false</p> <p>INSURANCEOPTIONOFFERED is deprecated since version 63.0. Use PAYMENTREQUEST_0_INSURANCEOPTIONOFFERED instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _HANDLINGAMT HANDLINGAMT (<i>deprecated</i>) | <p>(<i>Optional</i>) Total handling costs for this order.</p> <p>NOTE: If you specify a value for PAYMENTREQUEST_<i>n</i>_HANDLINGAMT, you must also specify a value for PAYMENTREQUEST_<i>n</i>_ITEMAMT.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. 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.</p> <p>HANDLINGAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_HANDLINGAMT instead.</p> |

| Field | Description |
|--|---|
| PAYMENTREQUEST_ <i>n</i> _TAX AMT TAXAMT (<i>deprecated</i>) | <p>(Optional) Sum of tax for all items in this order.</p> <p>NOTE: PAYMENTREQUEST_<i>n</i>_TAXAMT is required if you specify L_PAYMENTREQUEST_<i>n</i>_TAXAMTm</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. 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.</p> <p>TAXAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_TAXAMT instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _DES C DESC (<i>deprecated</i>) | <p>(Optional) Description of items the customer is purchasing.</p> <p>The value you specify is only available 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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. Character length and limitations: 127 single-byte alphanumeric characters</p> <p>DESC is deprecated since version 63.0. Use PAYMENTREQUEST_0_DESC instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _CUS TOM CUSTOM (<i>deprecated</i>) | <p>(Optional) A free-form field for your own use.</p> <p>NOTE: The value you specify is only available 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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. Character length and limitations: 256 single-byte alphanumeric characters</p> <p>CUSTOM is deprecated since version 63.0. Use PAYMENTREQUEST_0_CUSTOM instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _INV NUM INVNUM (<i>deprecated</i>) | <p>(Optional) Your own invoice or tracking number.</p> <p>NOTE: The value you specify is only available 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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. Character length and limitations: 127 single-byte alphanumeric characters</p> <p>INVNUM is deprecated since version 63.0. Use PAYMENTREQUEST_0_INVNUM instead.</p> |

| Field | Description |
|--|---|
| PAYMENTREQUEST_ <i>n</i> _NOTIFYURL NOTIFYURL (<i>deprecated</i>) | <p>(<i>Optional</i>) 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.</p> <p>IMPORTANT: The notify URL only applies to DoExpressCheckoutPayment. This value is ignored when set in SetExpressCheckout or GetExpressCheckoutDetails.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. Character length and limitations: 2,048 single-byte alphanumeric characters</p> <p>NOTIFYURL is deprecated since version 63.0. Use PAYMENTREQUEST_0_NOTIFYURL instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _NOTE TEXT NOTE TEXT (<i>deprecated</i>) | <p>(<i>Optional</i>) Note to the merchant.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. Character length and limitations: 255 single-byte characters</p> <p>NOTE TEXT is deprecated since version 63.0. Use PAYMENTREQUEST_0_NOTE TEXT instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _TRANSACTIONID TRANSACTIONID (<i>deprecated</i>) | <p>(<i>Optional</i>) Transaction identification number of the transaction that was created.</p> <p>NOTE: This field is only returned after a successful transaction for DoExpressCheckout has occurred.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. TRANSACTIONID is deprecated since version 63.0. Use PAYMENTREQUEST_0_TRANSACTIONID instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _ALLOWEDPAYMENTMETHOD ALLOWEDPAYMENTMETHOD (<i>deprecated</i>) | <p>(<i>Optional</i>) The payment method type.</p> <p>Specify the value InstantPaymentOnly.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. ALLOWEDPAYMENTMETHOD is deprecated since version 63.0. Use PAYMENTREQUEST_0_ALLOWEDPAYMENTMETHOD instead.</p> |

| Field | Description |
|---|---|
| PAYMENTREQUEST_ <i>n</i> _PAYMENTACTION PAYMENTACTION (<i>deprecated</i>) | <p>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.</p> <ul style="list-style-type: none"> • Sale indicates that this is a final sale for which you are requesting payment. (Default) • Authorization indicates that this payment is a basic authorization subject to settlement with PayPal Authorization & Capture. • Order indicates that this payment is an order authorization subject to settlement with PayPal Authorization & Capture. <p>If the transaction does not include a one-time purchase, this field is ignored.</p> <p>NOTE: You cannot set this value to Sale in SetExpressCheckout request and then change this value to Authorization or Order on the final API DoExpressCheckoutPayment request. If the value is set to Authorization or Order in SetExpressCheckout, the value may be set to Sale or the same value (either Authorization or Order) in DoExpressCheckoutPayment.</p> <p>Default value: Sale</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limit: Up to 13 single-byte alphabetic characters</p> <p>PAYMENTACTION is deprecated since version 63.0. Use PAYMENTREQUEST_0_PAYMENTACTION instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _PAYMENTREQUESTID PAYMENTREQUESTID (<i>deprecated</i>) | <p>A unique identifier of the specific payment request, which is required for parallel payments.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limit: Up to 127 single-byte characters</p> <p>PAYMENTREQUESTID is deprecated since version 63.0. Use PAYMENTREQUEST_0_PAYMENTREQUESTID instead.</p> |

Payment Details Item Type Fields

| Field | Description |
|--|--|
| L_PAYMENTREQUEST_ <i>n</i> _NAME <i>m</i> L_NAME <i>n</i> (<i>deprecated</i>) | <p>Item name. This field is required when ItemCategory is passed.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_NAME0, L_PAYMENTREQUEST_<i>n</i>_NAME1).</p> <p>Introduced in Version 53.0. Character length and limitations: 127 single-byte characters</p> <p>L_NAME<i>n</i> is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_NAME<i>m</i> instead.</p> |

| Field | Description |
|--|---|
| L_PAYMENTREQUEST_ <i>n</i> _DESC <i>m</i> L_DESC <i>n</i> (<i>deprecated</i>) | <p>(Optional.) Item description.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_DESC0, L_PAYMENTREQUEST_<i>n</i>_DESC1).</p> <p>Introduced in Version 53.0. Character length and limitations: 127 single-byte characters</p> <p>L_DESC<i>n</i> is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_DESC<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _AMT <i>m</i> L_AMT <i>n</i> (<i>deprecated</i>) | <p>Cost of item. This field is required when ItemCategory is passed.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_AMT0, L_PAYMENTREQUEST_<i>n</i>_AMT1).</p> <p>Introduced in Version 53.0. 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.</p> <p>NOTE: If you specify a value for L_PAYMENTREQUEST_<i>n</i>_AMT<i>m</i>, you must specify a value for PAYMENTREQUEST_<i>n</i>_ITEMAMT.</p> <p>L_AMT<i>n</i> is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_AMT<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _NUMBER <i>m</i> L_NUMBER <i>n</i> (<i>deprecated</i>) | <p>(Optional) Item number. Introduced in Version 53.0.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_NUMBER0, L_PAYMENTREQUEST_<i>n</i>_NUMBER1).</p> <p>L_NUMBER<i>n</i> is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_NUMBER<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _QTY <i>m</i> L_QTY <i>n</i> (<i>deprecated</i>) | <p>Item quantity. This field is required when ItemCategory is passed.</p> <p>For digital goods (L_PAYMENTREQUEST_<i>n</i>_ITEMCATEGORY<i>m</i>=Digital), this field is required.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_QTY0, L_PAYMENTREQUEST_<i>n</i>_QTY1).</p> <p>Introduced in Version 53.0. Character length and limitations: Any positive integer</p> <p>L_QTY<i>n</i> is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_QTY<i>m</i> instead.</p> |

| Field | Description |
|---|---|
| L_PAYMENTREQUEST_ <i>n</i> _TAXAMT <i>m</i> L_TAXAMT <i>n</i> (deprecated) | <p>(Optional) Item sales tax.</p> <p>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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_TAXAMT0, L_PAYMENTREQUEST_<i>n</i>_TAXAMT1).</p> <p>L_TAXAMT<i>n</i> is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_TAXAMT<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _ITEMWEIGHTVALUE <i>m</i> , L_PAYMENTREQUEST_ <i>n</i> _ITEMWEIGHTUNIT <i>m</i> L_ITEMWEIGHTVALUE <i>n</i> and L_ITEMWEIGHTUNIT <i>n</i> (deprecated) | <p>(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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_ITEMWEIGHTVALUE0, L_PAYMENTREQUEST_<i>n</i>_ITEMWEIGHTVALUE1).</p> <p>L_ITEMWEIGHTVALUE<i>n</i> and L_ITEMWEIGHTUNIT<i>n</i> are deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMWEIGHTVALUE<i>m</i> and L_PAYMENTREQUEST_0_ITEMWEIGHTUNIT<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _ITEMLENGTHVALUE <i>m</i> , L_PAYMENTREQUEST_ <i>n</i> _ITEMLENGTHUNIT <i>m</i> L_ITEMLENGTHVALUE <i>n</i> and L_ITEMLENGTHUNIT <i>n</i> (deprecated) | <p>(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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_ITEMLENGTHVALUE0, L_PAYMENTREQUEST_<i>n</i>_ITEMLENGTHVALUE1).</p> <p>Character length and limitations: Any positive integer</p> <p>L_ITEMLENGTHVALUE<i>n</i> and L_ITEMLENGTHUNIT<i>m</i> are deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMLENGTHVALUE<i>m</i> and L_PAYMENTREQUEST_0_ITEMLENGTHUNIT<i>n</i> instead.</p> |

| Field | Description |
|---|--|
| L_PAYMENTREQUEST_ <i>n</i> _ITEMWIDTHVALUE <i>m</i> , L_PAYMENTREQUEST_ <i>n</i> _ITEMWIDTHUNIT <i>m</i> L_ITEMWIDTHVALUE <i>n</i> and L_ITEMWIDTHUNIT <i>n</i> <i>(deprecated)</i> | <p><i>(Optional)</i> 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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_ITEMWIDTHVALUE0, L_PAYMENTREQUEST_<i>n</i>_ITEMWIDTHVALUE1).</p> <p>Character length and limitations: Any positive integer</p> <p>L_ITEMWIDTHVALUE<i>n</i> and L_ITEMWIDTHUNIT<i>m</i> are deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMWIDTHVALUE<i>m</i> and L_PAYMENTREQUEST_0_ITEMWIDTHUNIT<i>n</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _ITEMHEIGHTVALUE <i>m</i> , L_PAYMENTREQUEST_ <i>n</i> _ITEMHEIGHTUNIT <i>m</i> L_ITEMHEIGHTVALUE <i>n</i> and L_ITEMHEIGHTUNIT <i>n</i> <i>(deprecated)</i> | <p><i>(Optional)</i> 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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_ITEMHEIGHTVALUE0, L_PAYMENTREQUEST_<i>n</i>_ITEMHEIGHTVALUE1).</p> <p>Character length and limitations: Any positive integer</p> <p>L_ITEMHEIGHTVALUE<i>n</i> and L_ITEMHEIGHTUNIT<i>m</i> are deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMHEIGHTVALUE<i>m</i> and L_PAYMENTREQUEST_0_ITEMHEIGHTUNIT<i>n</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _ITEMURL <i>m</i> L_ITEMURL <i>n</i> <i>(deprecated)</i> | <p><i>(Optional)</i> URL for the item.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_ITEMURL0, L_PAYMENTREQUEST_<i>n</i>_ITEMURL1).</p> <p>L_ITEMURL<i>n</i> is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMURL<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _ITEMCATEGORY <i>m</i> | <p>Is one of the following values. This field is available since version 65.1. For digital goods, this field is required and must be set to Digital.</p> <ul style="list-style-type: none"> • Digital • Physical <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_ITEMCATEGORY0, L_PAYMENTREQUEST_<i>n</i>_ITEMCATEGORY1).</p> |

Seller Details Type Fields

Ebay Item Payment Details Item Type Fields

| Field | Description |
|---|--|
| L_PAYMENTREQUEST_n_EBAYITEMNUMBERm L_EBAYITEMNUMBERn (deprecated) | <p>(Optional) Auction item number.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> 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).</p> <p>Character length: 765 single-byte characters</p> <p>L_EBAYITEMNUMBERn is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_EBAYITEMNUMBERm instead.</p> |
| L_PAYMENTREQUEST_n_EBAYITEMAUCTIONTXNIDm L_EBAYITEMAUCTIONTXNIDn (deprecated) | <p>(Optional) Auction transaction identification number.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> 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).</p> <p>Character length: 255 single-byte characters</p> <p>L_EBAYAUCTIONTXNIDn is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_EBAYAUCTIONTXNIDm instead.</p> |
| L_PAYMENTREQUEST_n_EBAYITEMORDERIDm L_EBAYITEMORDERIDn (deprecated) | <p>(Optional) Auction order identification number.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> 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).</p> <p>Character length: 64 single-byte characters</p> <p>L_EBAYITEMORDERIDn is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_EBAYITEMORDERIDm instead.</p> |
| L_PAYMENTREQUEST_n_EBAYCARTIDm L_EBAYITEMCARTIDn (deprecated) | <p>(Optional) The unique identifier provided by eBay for this order from the buyer.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> 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).</p> <p>Character length: 255 single-byte characters</p> <p>L_EBAYITEMCARTIDn is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_EBAYITEMCARTIDm instead.</p> |

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. |

FundingSourceDetailsType Fields

| Field | Description |
|------------------|--|
| ALLOWPUSHFUNDING | (Optional) Whether the merchant can accept push funding: <ul style="list-style-type: none"> 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_SHIPPINGOPTIONISDEFAULTn | (Optional) Shipping option. Required if specifying the Callback URL. When the value of this flat rate shipping option is true, PayPal selects it by default for the buyer and reflects it in the “default” total. NOTE: There must be ONE and ONLY ONE default. It is not OK to have no default. Character length and limitations: Boolean: true or false. |
| L_SHIPPINGOPTIONNAME | (Optional) Shipping option. Required if specifying the Callback URL. The internal name of the shipping option such as Air, Ground, Expedited, and so forth. Character length and limitations: 50 character-string. |
| L_SHIPPINGOPTIONAMOUNTn | (Optional) Shipping option. Required if specifying the Callback URL. The amount of the flat rate shipping option. 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 (,). |

Billing Agreement Details Type Fields

| Field | Description |
|-----------------------------------|--|
| L_BILLINGTYPE n | <p>(Required) Type of billing agreement.</p> <p>For recurring payments, this field must be set to <code>RecurringPayments</code>. In this case, you can specify up to ten billing agreements.</p> <p>Other defined values are not valid.</p> |
| BILLINGTYPE | <p>Type of billing agreement, which is required for reference transactions.</p> <p>For reference transactions, this field must be set to one of the following values:</p> <ul style="list-style-type: none"> • <code>MerchantInitiatedBilling</code> - PayPal creates a billing agreement for each transaction associated with buyer. You must specify version 54.0 or higher to use this option. • <code>MerchantInitiatedBillingSingleAgreement</code> - PayPal creates a single billing agreement for all transactions associated with buyer. Use this value unless you need per-transaction billing agreements. You must specify version 58.0 or higher to use this option. <p>Other defined values are not valid.</p> |
| L_BILLINGAGREEMENTDESCRIPTION n | <p>Description of goods or services associated with the billing agreement, which is required for each recurring payment billing agreement.</p> <p>PayPal recommends that the description contain a brief summary of the billing agreement terms and conditions. For example, customer will be billed at “9.99 per month for 2 years”.</p> <p>Character length and limitations: 127 single-byte alphanumeric bytes.</p> |
| L_PAYMENTTYPE n | <p>(Optional) Specifies type of PayPal payment you require for the billing agreement.</p> <ul style="list-style-type: none"> • <code>Any</code> • <code>InstantOnly</code> <p>NOTE: For recurring payments, this field is ignored.</p> |
| L_BILLINGAGREEMENTCUSTOM n | <p>(Optional) Custom annotation field for your own use.</p> <p>NOTE: For recurring payments, this field is ignored.</p> <p>Character length and limitations: 256 single-byte alphanumeric bytes.</p> |

Tax Id Details Type Fields

| Field | Description |
|--------------|--|
| TAXIDTYPE | <p>The buyer’s tax ID type. This field is required for Brazil and used for Brazil only.</p> <p>For Brazil use only: The tax ID type is <code>BR_CPF</code> for individuals and <code>BR_CNPJ</code> for businesses.</p> <p>This field is introduced in API version 72.0.</p> |
| TAXIDDETAILS | <p>The buyer’s tax ID. This field is required for Brazil and used for Brazil only.</p> <p>For Brazil use only: The tax ID is 11 single-byte character for individuals and 14 single-byte characters for businesses.</p> <p>This field is introduced in API version 72.0.</p> |

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

Obtain information about an Express Checkout transaction.

- [“GetExpressCheckoutDetails Request Message” on page 71](#)
- [“GetExpressCheckoutDetails Response Message” on page 71](#)

GetExpressCheckoutDetails Request Message

GetExpressCheckoutDetails Request Fields

| Field | Description |
|--------|---|
| METHOD | <i>(Required)</i> Must be GetExpressCheckoutDetails. |
| TOKEN | <i>(Required)</i> 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 |

| Field | Description |
|-------------------|--|
| CUSTOM | A free-form field for your own use, as set by you in the Custom element of 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 SetExpressCheckout request. Character length and limitations: 127 single-byte alphanumeric characters |
| PHONENUM | Payer's contact telephone number. NOTE: PayPal returns a contact telephone 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) |
| PAYPALADJUSTMENT | A discount or gift certificate offered by PayPal to the buyer. This amount will be 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. |
| NOTE | This field is deprecated. The text entered by the buyer on the PayPal website if the ALLOWNOTE field was set to 1 in SetExpressCheckout. Character length and limitations: 255 single-byte characters |
| REDIRECTREQUIRED | Flag to indicate whether you need to redirect the customer to back to PayPal after completing the transaction. NOTE: Use this field only if you are using giropay or bank transfer payment methods in Germany. |
| CHECKOUTSTATUS | ebl:CheckoutStatusType Returns the status of the checkout session. Possible values are: <ul style="list-style-type: none"> • PaymentActionNotInitiated • PaymentActionFailed • PaymentActionInProgress • PaymentCompleted If payment is completed, the transaction identification number of the resulting transaction is returned. |
| GIFTMESSAGE | The gift message entered by the buyer on the PayPal Review page. Limitations: 150 single-byte characters |
| GIFTRECEIPTENABLE | Returns true if the buyer requested a gift receipt on the PayPal Review page and false if the buyer did not. |
| GIFTWRAPNAME | Return the gift wrap name <i>only</i> if the gift option on the PayPal Review page is selected by the buyer. Limitations: 25 single-byte characters |

| Field | Description |
|----------------------|--|
| GIFTWRAPAMOUNT | Return the amount <i>only</i> if the gift option on the PayPal Review page is selected by the buyer. 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 | The buyer email address opted in by the buyer on the PayPal Review page. Limitations: 127 single-byte characters |
| SURVEYQUESTION | The survey question on the PayPal Review page. Limitations: 50 single-byte characters |
| SURVEYCHOICESELECTED | The survey response selected by the buyer on the PayPal Review page. Limitations: 15 single-byte characters |

Payer Information Fields

| Field | Description |
|-------------|---|
| EMAIL | Email address of payer. 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 payer. Valid values are: <ul style="list-style-type: none">• verified• unverified Character length and limitations: 10 single-byte alphabetic characters |
| COUNTRYCODE | Payer's country of residence in the form of ISO standard 3166 two-character country codes. Character length and limitations: Two single-byte characters |
| BUSINESS | Payer's business name. Character length and limitations: 127 single-byte characters |

Payer Name Fields

| Field | Description |
|------------|--|
| SALUTATION | Payer's salutation. Character length and limitations: 20 single-byte characters. |
| FIRSTNAME | Payer's first name. Character length and limitations: 25 single-byte characters. |
| MIDDLENAME | Payer's middle name. Character length and limitations: 25 single-byte characters. |

| Field | Description |
|----------|--|
| LASTNAME | Payer's last name. Character length and limitations: 25 single-byte characters. |
| SUFFIX | Payer's suffix. Character length and limitations: 12 single-byte characters. |

Address Type Fields

| Field | Description |
|--|---|
| PAYMENTREQUEST_ <i>n</i> _SHIPTONAME SHIPTONAME (<i>deprecated</i>) | Person's name associated with this shipping address. You can specify up to 10 payments, where <i>n</i> 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_ <i>n</i> _SHIPTOSTREET SHIPTOSTREET (<i>deprecated</i>) | First street address. Character length and limitations: 100 single-byte characters. You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. SHIPTOSTREET is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOSTREET instead. |
| PAYMENTREQUEST_ <i>n</i> _SHIPTOSTREET2 SHIPTOSTREET2 (<i>deprecated</i>) | Second street address. You can specify up to 10 payments, where <i>n</i> 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_ <i>n</i> _SHIPTOCITY SHIPTOCITY (<i>deprecated</i>) | Name of city. You can specify up to 10 payments, where <i>n</i> 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_ <i>n</i> _SHIPTOSTATE SHIPTOSTATE (<i>deprecated</i>) | State or province. You can specify up to 10 payments, where <i>n</i> 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. |

| Field | Description |
|--|---|
| PAYMENTREQUEST_ <i>n</i> _SHIPTOZIP SHIPTOZIP (<i>deprecated</i>) | U.S. zip code or other country-specific postal code. You can specify up to 10 payments, where <i>n</i> 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_ <i>n</i> _SHIPTOCOUNTRYCODE SHIPTOCOUNTRY (<i>deprecated</i>) | Country code. You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. Character limit: 2 single-byte characters. SHIPTOCOUNTRY is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOCOUNTRYCODE instead. |
| PAYMENTREQUEST_ <i>n</i> _SHIPTOPHONENUM SHIPTOPHONENUM (<i>deprecated</i>) | Phone number. You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. Character length and limit: 20 single-byte characters. SHIPTOPHONENUM is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOPHONENUM instead. |
| PAYMENTREQUEST_ <i>n</i> _ADDRESSSTATUS ADDRESSSTATUS (<i>deprecated</i>) | Status of street address on file with PayPal. Valid values are: <ul style="list-style-type: none">• none• Confirmed• Unconfirmed You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. 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_ <i>n</i> _AMT AMT (<i>deprecated</i>) | <p>The total cost of the transaction to the customer. 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.</p> <p>If the transaction includes one or more one-time purchases, this field must be equal to the sum of the purchases.</p> <p>Set this field to 0 if the transaction does not include a one-time purchase; for example, when you set up a billing agreement for a recurring payment that is not immediately charged. Purchase-specific fields will be ignored.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>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 (,).</p> <p>AMT is deprecated since version 63.0. Use PAYMENTREQUEST_<i>n</i>_AMT instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _CURRENCYCODE CURRENCYCODE (<i>deprecated</i>) | <p>A three-character currency code. Default: USD.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>CURRENCYCODE is deprecated since version 63.0. Use PAYMENTREQUEST_<i>n</i>_CURRENCYCODE instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _ITEMAMT ITEMAMT (<i>deprecated</i>) | <p>Sum of cost of all items in this order.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>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 (,).</p> <p>ITEMAMT is deprecated since version 63.0. Use PAYMENTREQUEST_<i>n</i>_ITEMAMT instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _SHIPPINGAMT SHIPPINGAMT (<i>deprecated</i>) | <p>Total shipping costs for this order.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>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.</p> <p>SHIPPINGAMT is deprecated since version 63.0. Use PAYMENTREQUEST_<i>n</i>_SHIPPINGAMT instead.</p> |

| Field | Description |
|---|---|
| PAYMENTREQUEST_ <i>n</i> _INSURANCEOPTIONOFFERED INSURANCEOPTIONOFFERED (<i>deprecated</i>) | <p>If true, the Insurance drop-down on the PayPal Review page displays the string 'Yes' and the insurance amount. If true, the total shipping insurance for this order must be a positive number.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limitations: true or false</p> <p>INSURANCEOPTIONOFFERED is deprecated since version 63.0. Use PAYMENTREQUEST_<i>n</i>_INSURANCEOPTIONOFFERED instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _HANDLINGAMT HANDLINGAMT (<i>deprecated</i>) | <p>Total handling costs for this order.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>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.</p> <p>HANDLINGAMT is deprecated since version 63.0. Use PAYMENTREQUEST_<i>n</i>_HANDLINGAMT instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _TAXAMT TAXAMT (<i>deprecated</i>) | <p>Sum of tax for all items in this order.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>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.</p> <p>TAXAMT is deprecated since version 63.0. Use PAYMENTREQUEST_<i>n</i>_TAXAMT instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _DESC DESC (<i>deprecated</i>) | <p>Description of items the customer is purchasing.</p> <p>NOTE: The value you specify is only available 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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limitations: 127 single-byte alphanumeric characters</p> <p>DESC is deprecated since version 63.0. Use PAYMENTREQUEST_<i>n</i>_DESC instead.</p> |

| Field | Description |
|--|--|
| PAYMENTREQUEST_ <i>n</i> _CUSTOM <i>CUSTOM (deprecated)</i> | <p>A free-form field for your own use.</p> <p>NOTE: The value you specify is only available 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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limitations: 256 single-byte alphanumeric characters CUSTOM is deprecated since version 63.0. Use PAYMENTREQUEST_<i>n</i>_CUSTOM instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _INVNUM <i>INVNUM (deprecated)</i> | <p>Your own invoice or tracking number.</p> <p>NOTE: The value you specify is only available 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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limitations: 127 single-byte alphanumeric characters INVNUM is deprecated since version 63.0. Use PAYMENTREQUEST_<i>n</i>_INVNUM instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _NOTIFYURL <i>NOTIFYURL (deprecated)</i> | <p>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.</p> <p>IMPORTANT: The notify URL only applies to DoExpressCheckoutPayment. This value is ignored when set in SetExpressCheckout or GetExpressCheckoutDetails.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limitations: 2,048 single-byte alphanumeric characters NOTIFYURL is deprecated since version 63.0. Use PAYMENTREQUEST_<i>n</i>_NOTIFYURL instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _NOTETEXT <i>NOTETEXT (deprecated)</i> | <p>Note to the merchant.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limitations: 255 single-byte characters NOTETEXT is deprecated since version 63.0. Use PAYMENTREQUEST_<i>n</i>_NOTETEXT instead.</p> |

| Field | Description |
|--|---|
| PAYMENTREQUEST_ <i>n</i> _TRANSACTIONID <i>TRANSACTIONID (deprecated)</i> | <p>Transaction identification number of the transaction that was created.</p> <p>NOTE: This field is only returned after a successful transaction for DoExpressCheckout has occurred.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>TRANSACTIONID is deprecated since version 63.0. Use PAYMENTREQUEST_<i>n</i>_TRANSACTIONID instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _ALLOWEDPAYMENTMETHOD <i>ALLOWEDPAYMENTMETHOD (deprecated)</i> | <p>The payment method type.</p> <p>Specify the value InstantPaymentOnly.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>ALLOWEDPAYMENTMETHOD is deprecated since version 63.0. Use PAYMENTREQUEST_<i>n</i>_ALLOWEDPAYMENTMETHOD instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _PAYMENTREQUESTID <i>PAYMENTREQUESTID (deprecated)</i> | <p>The unique identifier of the specific payment in the case of parallel payments. This value will be the same as the one passed in the SetExpressCheckout request.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limitations: 127 single-byte characters</p> <p>PAYMENTREQUESTID is deprecated since version 63.0. Use PAYMENTREQUEST_<i>n</i>_PAYMENTREQUESTID instead.</p> |

Payment Details Item Type Fields

| Field | Description |
|--|--|
| L_PAYMENTREQUEST_ <i>n</i> _NAME <i>m</i> L_NAME <i>n</i> (deprecated) | <p>Item name.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_NAME0, L_PAYMENTREQUEST_<i>n</i>_NAME1).</p> <p>Character length and limitations: 127 single-byte characters</p> <p>L_NAME<i>n</i> is deprecated in version 63.0. Use L_PAYMENTREQUEST_<i>0</i>_NAME<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _DESC <i>m</i> L_DESC <i>n</i> (deprecated) | <p>Item description.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment.</p> <p>Character length and limitations: 127 single-byte characters</p> <p>L_DESC<i>n</i> is deprecated in version 63.0. Use L_PAYMENTREQUEST_<i>0</i>_DESC<i>m</i> instead.</p> |

| Field | Description |
|---|--|
| L_PAYMENTREQUEST_ <i>n</i> _AMT <i>m</i> L_AMT <i>n</i> (<i>deprecated</i>) | <p>Cost of item.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_AMT0, L_PAYMENTREQUEST_<i>n</i>_AMT1).</p> <p>NOTE: If you specify a value for L_PAYMENTREQUEST_<i>n</i>_AMT<i>m</i>, you must specify a value for PAYMENTREQUEST_<i>n</i>_ITEMAMT.</p> <p>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.</p> <p>L_AMT<i>n</i> is deprecated in version 63.0. Use L_PAYMENTREQUEST_0_AMT<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _NUMBER <i>m</i> L_NUMBER <i>n</i> (<i>deprecated</i>) | <p>Item number.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_NUMBER0, L_PAYMENTREQUEST_<i>n</i>_NUMBER1).</p> <p>Character length and limitations: 127 single-byte characters</p> <p>L_NUMBER<i>n</i> is deprecated in version 63.0. Use L_PAYMENTREQUEST_0_NUMBER<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _QTY <i>m</i> L_QTY <i>n</i> (<i>deprecated</i>) | <p>Item quantity.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_QTY0, L_PAYMENTREQUEST_<i>n</i>_QTY1).</p> <p>Character length and limitations: Any positive integer</p> <p>L_QTY<i>n</i> is deprecated in version 63.0. Use L_PAYMENTREQUEST_0_QTY<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _TAXAMT <i>m</i> L_TAXAMT <i>n</i> (<i>deprecated</i>) | <p>Item sales tax.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_TAXAMT0, L_PAYMENTREQUEST_<i>n</i>_TAXAMT1).</p> <p>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.</p> <p>L_TAXAMT<i>n</i> is deprecated in version 63.0. Use L_PAYMENTREQUEST_0_TAXAMT<i>m</i> instead.</p> |

| Field | Description |
|---|---|
| L_PAYMENTREQUEST_ <i>n</i> _ITEM WEIGHTVALUE <i>m</i> , L_PAYMENTREQUEST_ <i>n</i> _ITEM WEIGHTUNIT <i>m</i> L_ITEMWEIGHTVALUE <i>n</i> and L_ITEMWEIGHTUNIT <i>n</i> <i>(deprecated)</i> | <p>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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_ITEMWEIGHTVALUE0, L_PAYMENTREQUEST_<i>n</i>_ITEMWEIGHTVALUE1).</p> <p>Character length and limitations: Any positive integer</p> <p>L_ITEMWEIGHTVALUE<i>n</i> and L_ITEMWEIGHTUNIT<i>n</i> are deprecated in version 63.0. Use L_PAYMENTREQUEST_0_ITEMWEIGHTVALUE<i>m</i> and L_PAYMENTREQUEST_0_ITEMWEIGHTUNIT<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _ITEM LENGTHVALUE <i>m</i> , L_PAYMENTREQUEST_ <i>n</i> _ITEM LENGTHUNIT <i>m</i> L_ITEMLENGTHVALUE <i>n</i> and L_ITEMLENGTHUNIT <i>n</i> <i>(deprecated)</i> | <p>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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_ITEMLENGTHVALUE0, L_PAYMENTREQUEST_<i>n</i>_ITEMLENGTHVALUE1).</p> <p>Character length and limitations: Any positive integer</p> <p>L_ITEMLENGTHVALUE<i>n</i> and L_ITEMLENGTHUNIT<i>n</i> are deprecated in version 63.0. Use L_PAYMENTREQUEST_0_ITEMLENGTHVALUE<i>m</i> and L_PAYMENTREQUEST_0_ITEMLENGTHUNIT<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _ITEM WIDTHVALUE <i>m</i> , L_PAYMENTREQUEST_ <i>n</i> _ITEM WIDTHUNIT <i>m</i> L_ITEMWIDTHVALUE <i>n</i> and L_ITEMWIDTHUNIT <i>n</i> <i>(deprecated)</i> | <p>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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_ITEMWIDTHVALUE0, L_PAYMENTREQUEST_<i>n</i>_ITEMWIDTHVALUE1).</p> <p>Character length and limitations: Any positive integer</p> <p>L_ITEMWIDTHVALUE<i>n</i> and L_ITEMWIDTHUNIT<i>n</i> are deprecated in version 63.0. Use L_PAYMENTREQUEST_<i>n</i>_ITEMWIDTHVALUE<i>m</i> and L_PAYMENTREQUEST_<i>n</i>_ITEMWIDTHUNIT<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _ITEM HEIGHTVALUE <i>m</i> , L_PAYMENTREQUEST_ <i>n</i> _ITEM HEIGHTUNIT <i>m</i> L_ITEMHEIGHTVALUE <i>n</i> and L_ITEMHEIGHTUNIT <i>n</i> <i>(deprecated)</i> | <p>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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_ITEMHEIGHTVALUE0, L_PAYMENTREQUEST_<i>n</i>_ITEMHEIGHTVALUE1).</p> <p>Character length and limitations: Any positive integer</p> <p>L_ITEMHEIGHTVALUE<i>n</i> and L_ITEMHEIGHTUNIT<i>n</i> are deprecated in version 63.0. Use L_PAYMENTREQUEST_<i>n</i>_ITEMHEIGHTVALUE<i>m</i> and L_ITEMHEIGHTUNIT<i>m</i> instead.</p> |

| Field | Description |
|---|---|
| L_PAYMENTREQUEST_ <i>n</i> _ITEMCATEGORY <i>m</i> | <p>Is one of the following values. This field is available since version 65.1.</p> <ul style="list-style-type: none"> • Digital • Physical <p>For digital goods (L_PAYMENTREQUEST_<i>n</i>_ITEMCATEGORY<i>m</i>=Digital), this field is required.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_ITEMCATEGORY0, L_PAYMENTREQUEST_<i>n</i>_ITEMCATEGORY1).</p> |

EbayItemPaymentDetailsItemType Fields

| Field | Description |
|---|--|
| L_PAYMENTREQUEST_ <i>n</i> _EBAYITEMNUMBER <i>m</i> EBAYITEMNUMBER <i>n</i> (<i>deprecated</i>) | <p>Auction item number.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment.</p> <p>Character length: 765 single-byte characters</p> <p>EBAYITEMNUMBER<i>n</i> is deprecated since 63.0. Use L_PAYMENTREQUEST_0_EBAYAUTIONTXNID<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _EBAYITEMAUTIONTXNID <i>m</i> EBAYITEMAUTIONTXNID <i>n</i> (<i>deprecated</i>) | <p>Auction transaction identification number.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment.</p> <p>Character length: 255 single-byte characters</p> <p>EBAYITEMAUTIONTXNID<i>n</i> is deprecated since 63.0. Use L_PAYMENTREQUEST_0_EBAYAUTIONTXNID<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _EBAYITEMORDERID <i>m</i> EBAYITEMORDERID <i>n</i> (<i>deprecated</i>) | <p>Auction order identification number.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment.</p> <p>Character length: 64 single-byte characters</p> <p>EBAYITEMORDERID<i>n</i> is deprecated since 63.0. Use L_PAYMENTREQUEST_0_EBAYITEMORDERID<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_ <i>n</i> _EBAYITEMCARTID <i>m</i> EBAYITEMCARTID <i>n</i> (<i>deprecated</i>) | <p>The unique identifier provided by eBay for this order from the buyer.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment.</p> <p>Character length: 255 single-byte characters</p> <p>EBAYITEMCARTID<i>n</i> is deprecated since 63.0. Use L_PAYMENTREQUEST_0_EBAYITEMCARTID<i>m</i> instead.</p> |

User Selected Options Type Fields

| Field | Description |
|-------------------------|--|
| SHIPPINGCALCULATIONMODE | Describes how the options that were presented to the user were determined. Is one of the following values: <ul style="list-style-type: none">• API - Callback• API - Flatrate |
| INSURANCEOPTIONSELECTED | The Yes/No option that was chosen by the buyer for insurance. |
| SHIPPINGOPTIONISDEFAULT | Is true if the buyer chose the default shipping option. Character length and limitations: true or false |
| SHIPPINGOPTIONAMOUNT | The shipping amount that was chosen by the buyer 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 (,). |
| SHIPPINGOPTIONNAME | The name of the shipping option such as air or ground. |

Seller Details Type Fields

| Field | Description |
|---|---|
| PAYMENTREQUEST_ <i>n</i> _SELLERPAYPALACCOUNTID | 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 <i>n</i> 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_ <i>n</i> _TRANSACTIONID | Transaction ID for a bucket of 1 to 10 parallel payment requests; available since version 64.0. You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. |
| PAYMENTREQUEST_ <i>n</i> _PAYMENTREQUESTID | Payment request ID for a parallel payment in the bucket of 1 to 10 parallel payment requests; available since version 64.0. You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. |

Payment Error Type Fields

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

Tax Id Details Type Fields

| Field | Description |
|--------------|---|
| TAXIDTYPE | 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. This field is introduced in API version 72.0. |
| TAXIDDETAILS | 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. This field is introduced in API version 72.0. |

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” on page 85](#)
- [“DoExpressCheckoutPayment Response Message” on page 98](#)

DoExpressCheckoutPayment Request Message

DoExpressCheckoutPayment Request Fields

| Field | Description |
|-------------------------------|---|
| METHOD | (Required) Must be DoExpressCheckoutPayment. |
| TOKEN | (Required) The timestamped token value that was returned by SetExpressCheckout response and passed on GetExpressCheckoutDetails request. Character length and limitations: 20 single-byte characters |
| PAYMENTACTION (deprecated) | This field is deprecated. Use PAYMENTREQUEST_n_PAYMENTACTION instead. (Required) How you want to obtain payment: <ul style="list-style-type: none">• Authorization indicates that this payment is a basic authorization subject to settlement with PayPal Authorization & Capture.• Order indicates that this payment is an order authorization subject to settlement with PayPal Authorization & Capture.• Sale indicates that this is a final sale for which you are requesting payment. NOTE: You cannot set this value to Sale on SetExpressCheckout request and then change this value to Authorization on the final PayPal Express Checkout API DoExpressCheckoutPayment request. Character length and limit: Up to 13 single-byte alphabetic characters |
| PAYERID | (Required) Unique PayPal customer account identification number as returned by 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. <ul style="list-style-type: none">• 0 - do not receive FMF details (default)• 1 - receive FMF details |
| GIFTMESSAGE | (Optional) The gift message entered by the buyer on the PayPal Review page. Limitations: 150 single-byte characters |
| GIFTRECEIPTENABLE | (Optional) Pass true if a gift receipt was selected by the buyer on the PayPal Review page. Otherwise pass false. |
| GIFTWRAPNAME | (Optional) The gift wrap name only if the gift option on the PayPal Review page was selected by the buyer. Limitations: 25 single-byte characters |
| GIFTWRAPAMOUNT | (Optional) The amount only if the gift option on the PayPal Review page was selected by the buyer. 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 (,). |

| Field | Description |
|----------------------|---|
| BUYERMARKETINGEMAIL | (Optional) The buyer email address opted in by the buyer on the PayPal Review page. Limitations: 127 single-byte characters |
| SURVEYQUESTION | (Optional) The survey question on the PayPal Review page. Limitations: 50 single-byte characters |
| SURVEYCHOICESELECTED | (Optional) The survey response selected by the buyer on the PayPal Review page. Limitations: 15 single-byte characters |
| BUTTONSOURCE | (Optional) An 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_ <i>n</i> _AMT AMT (deprecated) | <p>The total cost of the transaction to the customer. 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.</p> <p>For digital goods, the following must be true:</p> <ul style="list-style-type: none"> total cost > 0 total cost <= total cost passed in the call to SetExpressCheckout <p>If the transaction includes one or more one-time purchases, this field must be equal to the sum of the purchases.</p> <p>Set this field to 0 if the transaction does not include a one-time purchase; for example, when you set up a billing agreement for a recurring payment that is not immediately charged. Purchase-specific fields will be ignored.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>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 (,).</p> <p>AMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_AMT instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _CURRENCYCODE CURRENCYCODE (deprecated) | <p>(Optional) A three-character currency code. Default: USD.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>CURRENCYCODE is deprecated since version 63.0. Use PAYMENTREQUEST_0_CURRENCYCODE instead.</p> |

| Field | Description |
|--|--|
| PAYMENTREQUEST_ <i>n</i> _ITEMAMT ITEMAMT (<i>deprecated</i>) | <p>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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>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 (,).</p> <p>NOTE: PAYMENTREQUEST_<i>n</i>_ITEMAMT is required if you specify L_PAYMENTREQUEST_<i>n</i>_AMT<i>m</i>.</p> <p>ITEMAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_ITEMAMT instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _SHIPPINGAMT SHIPPINGAMT (<i>deprecated</i>) | <p>(Optional) Total shipping costs for this order.</p> <p>NOTE: If you specify a value for PAYMENTREQUEST_<i>n</i>_SHIPPINGAMT, you must also specify a value for PAYMENTREQUEST_<i>n</i>_ITEMAMT.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>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.</p> <p>SHIPPINGAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPPINGAMT instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _INSURANCEAMT INSURANCEAMT (<i>deprecated</i>) | <p>(Optional) Total shipping insurance costs for this order. The value must be a non-negative currency amount or null if insurance options are offered.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>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.</p> <p>INSURANCEAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_INSURANCEAMT instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _SHIPPINGDISCAMT SHIPPINGDISCAMT (<i>deprecated</i>) | <p>(Optional) Shipping discount for this order, specified as a negative number.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>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.</p> <p>SHIPPINGDISCAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPPINGDISCAMT instead.</p> |

| Field | Description |
|---|---|
| PAYMENTREQUEST_ <i>n</i> _INSURANCEOPTIONOFFERED INSURANCEOPTIONOFFERED (<i>deprecated</i>) | <p>(<i>Optional</i>) If <code>true</code>, the Insurance drop-down on the PayPal Review page displays the string 'Yes' and the insurance amount. If <code>true</code>, the total shipping insurance for this order must be a positive number.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limitations: <code>true</code> or <code>false</code></p> <p>INSURANCEOPTIONOFFERED is deprecated since version 63.0. Use PAYMENTREQUEST_0_INSURANCEAMTOFFERED instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _HANDLINGAMT HANDLINGAMT (<i>deprecated</i>) | <p>(<i>Optional</i>) Total handling costs for this order.</p> <p>NOTE: If you specify a value for PAYMENTREQUEST_ <i>n</i> _HANDLINGAMT, you must also specify a value for PAYMENTREQUEST_ <i>n</i> _ITEMAMT.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>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.</p> <p>HANDLINGAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_HANDLINGAMT instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _TAXAMT TAXAMT (<i>deprecated</i>) | <p>(<i>Optional</i>) Sum of tax for all items in this order.</p> <p>NOTE: PAYMENTREQUEST_ <i>n</i> _TAXAMT is required if you specify L_PAYMENTREQUEST_ <i>n</i> _TAXAMT</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>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.</p> <p>TAXAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_TAXAMT instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _DESC DESC (<i>deprecated</i>) | <p>(<i>Optional</i>) Description of items the customer is purchasing.</p> <p>NOTE: The value you specify is only available 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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limitations: 127 single-byte alphanumeric characters</p> <p>DESC is deprecated since version 63.0. Use PAYMENTREQUEST_0_DESC instead.</p> |

| Field | Description |
|--|---|
| PAYMENTREQUEST_ <i>n</i> _CUSTOM CUSTOM (<i>deprecated</i>) | <p>(<i>Optional</i>) A free-form field for your own use.</p> <p>NOTE: The value you specify is only available 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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limitations: 256 single-byte alphanumeric characters CUSTOM is deprecated since version 63.0. Use PAYMENTREQUEST_0_CUSTOM instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _INVNUM INVNUM (<i>deprecated</i>) | <p>(<i>Optional</i>) Your own invoice or tracking number.</p> <p>NOTE: The value you specify is only available 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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limitations: 127 single-byte alphanumeric characters INVNUM is deprecated since version 63.0. Use PAYMENTREQUEST_0_INVNUM instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _NOTIFYURL NOTIFYURL (<i>deprecated</i>) | <p>(<i>Optional</i>) 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.</p> <p>IMPORTANT: The notify URL only applies to DoExpressCheckoutPayment. This value is ignored when set in SetExpressCheckout or GetExpressCheckoutDetails.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limitations: 2,048 single-byte alphanumeric characters NOTIFYURL is deprecated since version 63.0. Use PAYMENTREQUEST_0_NOTIFYURL instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _NOTETEXT NOTETEXT (<i>deprecated</i>) | <p>(<i>Optional</i>) Note to the merchant.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limitations: 255 single-byte characters NOTETEXT is deprecated since version 63.0. Use PAYMENTREQUEST_0_NOTETEXT instead.</p> |

| Field | Description |
|--|---|
| PAYMENTREQUEST_ <i>n</i> _SOFTDESCRIPTOR | A per transaction description of the payment that is passed to the buyer's credit card statement. |
| SOFTDESCRIPTOR (<i>deprecated</i>) | <p>NOTE: Ignore when PAYMENTREQUEST_<i>n</i>_PAYMENTACTION=Order.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>SOFTDESCRIPTOR is deprecated since version 63.0. Use PAYMENTREQUEST_0_SOFTDESCRIPTOR instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _TRANSACTIONID | (<i>Optional</i>) Transaction identification number of the transaction that was created. |
| TRANSACTIONID (<i>deprecated</i>) | <p>NOTE: This field is only returned after a successful transaction for DoExpressCheckout has occurred.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>TRANSACTIONID is deprecated since version 63.0. Use PAYMENTREQUEST_0_TRANSACTIONID instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _ALLOWEDPAYMENTMETHOD | (<i>Optional</i>) The payment method type. |
| ALLOWEDPAYMENTMETHOD (<i>deprecated</i>) | <p>Specify the value InstantPaymentOnly.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>ALLOWEDPAYMENTMETHOD is deprecated since version 63.0. Use PAYMENTREQUEST_0_ALLOWEDPAYMENTMETHOD instead.</p> |

| Field | Description |
|--|---|
| PAYMENTREQUEST_ <i>n</i> _PAYMENTACTION PAYMENTACTION (<i>deprecated</i>) | <p>How you want to obtain payment. Required when implementing parallel payments; the field must be set to Order. Required when implementing digital goods; the field must be set to Sale.</p> <ul style="list-style-type: none">• Sale indicates that this is a final sale for which you are requesting payment. (Default)• Authorization indicates that this payment is a basic authorization subject to settlement with PayPal Authorization & Capture.• Order indicates that this payment is an order authorization subject to settlement with PayPal Authorization & Capture. <p>If the transaction does not include a one-time purchase, this field is ignored.</p> <p>NOTE: You cannot set this value to Sale in SetExpressCheckout request and then change this value to Authorization or Order on the final API DoExpressCheckoutPayment request. If the value is set to Authorization or Order in SetExpressCheckout, the value may be set to Sale or the same value (either Authorization or Order) in DoExpressCheckoutPayment.</p> <p>Default value: Sale</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limit: Up to 13 single-byte alphabetic characters</p> <p>PAYMENTACTION is deprecated since version 63.0. Use PAYMENTREQUEST_0_PAYMENTACTION instead.</p> |
| PAYMENTREQUEST_ <i>n</i> _PAYMENTREQUESTID PAYMENTREQUESTID (<i>deprecated</i>) | <p>A unique identifier of the specific payment request. Required when implementing parallel payments.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>Character length and limit: Up to 127 single-byte characters</p> <p>PAYMENTREQUESTID is deprecated since version 63.0. Use PAYMENTREQUEST_0_PAYMENTREQUESTID instead.</p> |

Address Fields

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

| Field | Description |
|--|---|
| PAYMENTREQUEST_ <i>n</i> _SHIPTOSTREET SHIPTOSTREET (<i>deprecated</i>) | First street address. Required if using a shipping address. You can specify up to 10 payments, where <i>n</i> 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_ <i>n</i> _SHIPTOSTREET2 SHIPTOSTREET2 (<i>deprecated</i>) | (Optional) Second street address. You can specify up to 10 payments, where <i>n</i> 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_ <i>n</i> _SHIPTOCITY SHIPTOCITY (<i>deprecated</i>) | Name of city. Required if using a shipping address. You can specify up to 10 payments, where <i>n</i> 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_ <i>n</i> _SHIPTOSTATE SHIPTOSTATE (<i>deprecated</i>) | State or province. Required if using a shipping address. You can specify up to 10 payments, where <i>n</i> 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_ <i>n</i> _SHIPTOZIP SHIPTOZIP (<i>deprecated</i>) | U.S. zip code or other country-specific postal code. Required if using a U.S. shipping address; may be required for other countries. You can specify up to 10 payments, where <i>n</i> 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_ <i>n</i> _SHIPTOCOUNTRYCODE SHIPTOCOUNTRY (<i>deprecated</i>) | Country code. Required if using a shipping address. You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. Character limit: 2 single-byte characters. SHIPTOCOUNTRY is deprecated since version 63.0. Use PAYMENTREQUEST_0_SHIPTOCOUNTRYCODE instead. |

| Field | Description |
|--|---|
| PAYMENTREQUEST_ <i>n</i> _SHIPTOPHONENUM | (Optional) Phone number. |
| SHIPTOPHONENUM (deprecated) | You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. Character length and limit: 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_ <i>n</i> _NAME <i>m</i> L_NAME <i>n</i> (deprecated) | Item name. This field is required when ItemCategory is passed. You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_ <i>n</i> _NAME0, L_PAYMENTREQUEST_ <i>n</i> _NAME1). Introduced in Version 53.0. Character length and limitations: 127 single-byte characters L_NAME <i>n</i> is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_NAME <i>m</i> instead. |
| L_PAYMENTREQUEST_ <i>n</i> _DESCRIPTION <i>m</i> L_DESC <i>n</i> (deprecated) | (Optional.) Item description. You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_ <i>n</i> _DESC0, L_PAYMENTREQUEST_ <i>n</i> _DESC1). Introduced in Version 53.0. Character length and limitations: 127 single-byte characters L_DESC <i>n</i> is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_DESC <i>m</i> instead. |
| L_PAYMENTREQUEST_ <i>n</i> _AMT <i>m</i> L_AMT <i>n</i> (deprecated) | Cost of item. This field is required when ItemCategory is passed. You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_ <i>n</i> _AMT0, L_PAYMENTREQUEST_ <i>n</i> _AMT1). Introduced in Version 53.0. 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. NOTE: If you specify a value for L_PAYMENTREQUEST_ <i>n</i> _AMT <i>m</i> , you must specify a value for PAYMENTREQUEST_ <i>n</i> _ITEMAMT. L_AMT <i>n</i> is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_AMT <i>m</i> instead. |

| Field | Description |
|--|---|
| L_PAYMENTREQUEST_n_NUMBERm L_NUMBERn (deprecated) | <p>(Optional) Item number. Introduced in Version 53.0.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> 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).</p> <p>L_NUMBERn is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_NUMBERm instead.</p> |
| L_PAYMENTREQUEST_n_QTYm L_QTYn (deprecated) | <p>Item quantity. This field is required when ItemCategory is passed.</p> <p>For digital goods (L_PAYMENTREQUEST_n_ITEMCATEGORYm=Digital), this field is required.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> 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).</p> <p>Introduced in Version 53.0. Character length and limitations: Any positive integer</p> <p>L_QTYn is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_QTYm instead.</p> |
| L_PAYMENTREQUEST_n_TAXAMTm L_TAXAMTn (deprecated) | <p>(Optional) Item sales tax.</p> <p>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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> 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).</p> <p>L_TAXAMTn is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_TAXAMTm instead.</p> |
| L_PAYMENTREQUEST_n_ITEMWEIGHTVALUEm, L_PAYMENTREQUEST_n_ITEMWEIGHTUNITm L_ITEMWEIGHTVALUEn and L_ITEMWEIGHTUNITn (deprecated) | <p>(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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> 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).</p> <p>L_ITEMWEIGHTVALUEn and L_ITEMWEIGHTUNITn are deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMWEIGHTVALUEm and L_PAYMENTREQUEST_0_ITEMWEIGHTUNITm instead.</p> |

| Field | Description |
|---|--|
| <p>L_PAYMENTREQUEST_n_ITEMLENGTHVALUE<i>m</i>, L_PAYMENTREQUEST_n_ITEMLENGTHUNIT<i>m</i> L_ITEMLENGTHVALUE<i>n</i> and L_ITEMLENGTHUNIT<i>n</i> (<i>deprecated</i>)</p> | <p>(<i>Optional</i>) 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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> 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).</p> <p>Character length and limitations: Any positive integer</p> <p>L_ITEMLENGTHVALUE<i>n</i> and L_ITEMLENGTHUNIT<i>m</i> are deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMLENGTHVALUE<i>m</i> and L_PAYMENTREQUEST_0_ITEMLENGTHUNIT<i>n</i> instead.</p> |
| <p>L_PAYMENTREQUEST_n_ITEMWIDTHVALUE<i>m</i>, L_PAYMENTREQUEST_n_ITEMWIDTHUNIT<i>m</i> L_ITEMWIDTHVALUE<i>n</i> and L_ITEMWIDTHUNIT<i>n</i> (<i>deprecated</i>)</p> | <p>(<i>Optional</i>) 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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> 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).</p> <p>Character length and limitations: Any positive integer</p> <p>L_ITEMWIDTHVALUE<i>n</i> and L_ITEMWIDTHUNIT<i>m</i> are deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMWIDTHVALUE<i>m</i> and L_PAYMENTREQUEST_0_ITEMWIDTHUNIT<i>n</i> instead.</p> |
| <p>L_PAYMENTREQUEST_n_ITEMHEIGHTVALUE<i>m</i>, L_PAYMENTREQUEST_n_ITEMHEIGHTUNIT<i>m</i> L_ITEMHEIGHTVALUE<i>n</i> and L_ITEMHEIGHTUNIT<i>n</i> (<i>deprecated</i>)</p> | <p>(<i>Optional</i>) 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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> 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).</p> <p>Character length and limitations: Any positive integer</p> <p>L_ITEMHEIGHTVALUE<i>n</i> and L_ITEMHEIGHTUNIT<i>m</i> are deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMHEIGHTVALUE<i>m</i> and L_PAYMENTREQUEST_0_ITEMHEIGHTUNIT<i>n</i> instead.</p> |
| <p>L_PAYMENTREQUEST_n_ITEMURL<i>m</i> L_ITEMURL<i>n</i> (<i>deprecated</i>)</p> | <p>(<i>Optional</i>) URL for the item.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> 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).</p> <p>L_ITEMURL<i>n</i> is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_ITEMURL<i>m</i> instead.</p> |

| Field | Description |
|---|--|
| L_PAYMENTREQUEST_ <i>n</i> _ITEMCATEGORY <i>m</i> | <p>Is one of the following values. This field is available since version 65.1. For digital goods, this field is required and must be set to Digital.</p> <ul style="list-style-type: none"> • Digital • Physical <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_<i>n</i>_ITEMCATEGORY0, L_PAYMENTREQUEST_<i>n</i>_ITEMCATEGORY1).</p> |

EbayItemPaymentDetailsItemType Fields

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

| Field | Description |
|---|---|
| L_PAYMENTREQUEST_ <i>n</i> _EBAYCARTID <i>m</i> L_EBAYITEMCARTID <i>n</i> (<i>deprecated</i>) | (<i>Optional</i>) The unique identifier provided by eBay for this order from the buyer. You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_ <i>n</i> _EBAYITEMCARTID0, L_PAYMENTREQUEST_ <i>n</i> _EBAYITEMCARTID1). Character length: 255 single-byte characters L_EBAYITEMCARTID <i>n</i> is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_EBAYITEMCARTID <i>m</i> instead. |

UserSelectedOptions Fields

| Field | Description |
|-------------------------|--|
| INSURANCEOPTIONSELECTED | (<i>Optional</i>) The Yes/No option that was chosen by the buyer chose for insurance. |
| SHIPPINGOPTIONISDEFAULT | (<i>Optional</i>) Is true if the buyer chose the default shipping option. Character length and limitations: true or false |
| SHIPPINGOPTIONAMOUNT | (<i>Optional</i>) The shipping amount that was chosen by the buyer 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 (,). |
| SHIPPINGOPTIONNAME | (<i>Optional</i>) The name of the shipping option such as air or ground. |

Seller Details Type Fields

| Field | Description |
|---|--|
| PAYMENTREQUEST_ <i>n</i> _SELLERID SELLERID (<i>deprecated</i>) | (<i>Optional</i>) The unique non-changing identifier for the seller at the marketplace site. This ID is not displayed. You can specify up to 10 payments, where <i>n</i> 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. |
| PAYMENTREQUEST_ <i>n</i> _SELLERUSERNAME SELLERUSERNAME (<i>deprecated</i>) | xs:string (<i>Optional</i>) The current name of the seller or business at the marketplace site. This name may be shown to the buyer. You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. SELLERUSERNAME is deprecated since version 63.0. Use PAYMENTREQUEST_0_SELLERUSERNAME instead. |

| Field | Description |
|--|---|
| PAYMENTREQUEST_ <i>n</i> _SELLERREGISTRATIONDATE | (Optional) Date when the seller registered with the marketplace. You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. |
| SELLERREGISTRATIONDATE (deprecated) | 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 the ALLOWNOTE field was set 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 customer to back to PayPal for guest checkout 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 need to redirect the customer to back to PayPal after completing the transaction. |

| Field | Description |
|--|---|
| <code>L_FMFfilterIDn</code> (<i>deprecated</i>) | <p>Filter ID, including the <i>filter</i> type, (PENDING, REPORT, or DENY), the filter <i>ID</i>, and the entry number, <i>n</i>, starting from 0. Filter <i>ID</i> is one of the following values:</p> <ul style="list-style-type: none">• 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 <p>This field is deprecated since version 63.0. Use <code>L_PAYMENTINFO_0_FMFfilterIDn</code> instead.</p> |
| <code>L_FMFfilterNAMEn</code> (<i>deprecated</i>) | <p>Filter name, including the <i>filter</i> type, (PENDING, REPORT, or DENY), the filter <i>NAME</i>, and the entry number, <i>n</i>, starting from 0.</p> <p>This field is deprecated since version 63.0. Use <code>L_PAYMENTINFO_0_FMFfilterNAMEn</code> instead.</p> |

Payment Information Fields

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

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

| Field | Description |
|---|---|
| PAYMENTINFO_ <i>n</i> _TRANSACTIONTYPE (<i>deprecated</i>) | <p>The type of transaction</p> <p>Character length and limitations: 15 single-byte characters</p> <p>Valid values:</p> <ul style="list-style-type: none"> • cart • express-checkout <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>TRANSACTIONTYPE is deprecated since version 63.0. Use PAYMENTINFO_0_TRANSACTIONTYPE instead.</p> |
| PAYMENTINFO_ <i>n</i> _PAYMENTTYPE (<i>deprecated</i>) | <p>Indicates whether the payment is instant or delayed.</p> <p>Character length and limitations: Seven single-byte characters</p> <p>Valid values:</p> <ul style="list-style-type: none"> • none • echeck • instant <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>PAYMENTTYPE is deprecated since version 63.0. Use PAYMENTINFO_0_PAYMENTTYPE instead.</p> |
| PAYMENTINFO_ <i>n</i> _ORDERTIME (<i>deprecated</i>) | <p>Time/date stamp of payment</p> <p>ORDERTIME is deprecated since version 63.0. Use PAYMENTINFO_0_ORDERTIME instead.</p> |
| PAYMENTINFO_ <i>n</i> _AMT (<i>deprecated</i>) | <p>The final amount charged, including any shipping and taxes from your Merchant Profile.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>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.</p> <p>AMT is deprecated since version 63.0. Use PAYMENTINFO_0_AMT instead.</p> |
| PAYMENTINFO_ <i>n</i> _CURRENCYCODE (<i>deprecated</i>) | <p>A three-character currency code. Default: USD.</p> <p>CURRENCYCODE is deprecated since version 63.0. Use PAYMENTINFO_0_CURRENCYCODE instead.</p> |
| PAYMENTINFO_ <i>n</i> _FEEAMT (<i>deprecated</i>) | <p>PayPal fee amount charged for the transaction</p> <p>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.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>FEEAMT is deprecated since version 63.0. Use PAYMENTINFO_0_FEEAMT instead.</p> |

| Field | Description |
|---|---|
| PAYMENTINFO_ <i>n</i> _SETTLEAMT SETTLEAMT (<i>deprecated</i>) | Amount deposited in your PayPal account after a currency conversion. You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. SETTLEAMT is deprecated since version 63.0. Use PAYMENTINFO_0_SETTLEAMT instead. |
| PAYMENTINFO_ <i>n</i> _TAXAMT TAXAMT (<i>deprecated</i>) | Tax charged on the transaction. You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. 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. TAXAMT is deprecated since version 63.0. Use PAYMENTINFO_0_TAXAMT instead. |
| PAYMENTINFO_ <i>n</i> _EXCHANGERATE EXCHANGERATE (<i>deprecated</i>) | 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 You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. EXCHANGERATE is deprecated since version 63.0. Use PAYMENTINFO_0_EXCHANGERATE instead. |

| Field | Description |
|---|---|
| PAYMENTINFO_ <i>n</i> _PAYMENTSTATUS <i>(deprecated)</i> | <p>The status of the payment:</p> <ul style="list-style-type: none"> • 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 customer'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. <p>See the PAYMENTINFO_<i>n</i>_HOLDDECISION field for more information.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive.</p> <p>PAYMENTSTATUS is deprecated since version 63.0. Use PAYMENTINFO_0_PAYMENTSTATUS instead.</p> |

| Field | Description |
|--|--|
| PAYMENTINFO_ <i>n</i> _PENDINGREASON | NOTE: PendingReason is returned in the response only if PaymentStatus is Pending. |
| PENDINGREASON (<i>deprecated</i>) | <p>The reason the payment is pending:</p> <ul style="list-style-type: none">• 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. <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. PENDINGREASON is deprecated since version 63.0. Use PAYMENTINFO_0_PENDINGREASON instead.</p> |

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

| Field | Description |
|------------------------------------|--|
| PAYMENTINFO_0_EBAYITEMAUCTIONTXNID | The eBay transaction identification number. |
| EBAYITEMAUCTIONTXNID (deprecated) | You can specify up to 10 payments, where <i>n</i> 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_0_PAYMENTREQUESTID | The unique identifier of the specific payment request. The value should match the one passed in the DoExpressCheckout request. |
| PAYMENTREQUESTID (deprecated) | You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive. Character length and limit: Up to 127 single-byte characters PAYMENTREQUESTID is deprecated since version 63.0. Use PAYMENTINFO_0_PAYMENTREQUESTID instead. |
| L_PAYMENTINFO_0_FMFfilterIDm | Filter ID, including the <i>filter</i> type, (PENDING, REPORT, or DENY), the filter <i>ID</i> , and the entry number, <i>m</i> , starting from 0. Filter <i>ID</i> is one of the following values: |
| L_FMFfilterIDn (deprecated) | <ul style="list-style-type: none"> • 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 <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. L_FMFfilterIDn is deprecated since version 63.0. Use L_PAYMENTINFO_0_FMFfilterIDn instead.</p> |
| L_PAYMENTINFO_0_FMFfilterNAMEm | Filter name, including the <i>filter</i> type, (PENDING, REPORT, or DENY), the filter <i>NAME</i> , and the entry number, <i>m</i> , starting from 0. |
| L_FMFfilterNAMEn (deprecated) | <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> specifies the list item within the payment. L_FMFfilterNAMEn is deprecated since version 63.0. Use L_PAYMENTINFO_0_FMFfilterNAMEn instead.</p> |

Payment Error Type Fields

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

UserSelectedOptions Fields

| Field | Description |
|-------------------------|--|
| SHIPPINGCALCULATIONMODE | Describes how the options that were presented to the user were determined. Is one of the following values: <ul style="list-style-type: none"> API - Callback API - Flatrate |
| INSURANCEOPTIONSELECTED | The Yes/No option that was chosen by the buyer for insurance. |
| SHIPPINGOPTIONISDEFAULT | Is true if the buyer chose the default shipping option. Character length and limitations: true or false |
| SHIPPINGOPTIONAMOUNT | The shipping amount that was chosen by the buyer 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 (,). |
| SHIPPINGOPTIONNAME | The name of the shipping option such as air or ground. |

Seller Details Type Fields

| Field | Description |
|---|---|
| PAYMENTREQUEST_ <i>n</i> _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 <i>n</i> is a digit between 0 and 9, inclusive. Character length and limitations: 127 single-byte alphanumeric characters |
| PAYMENTREQUEST_ <i>n</i> _SECURE MERCHANTACCOUNTID | Unique PayPal customer account number (of the seller). This field is returned in the response. This field is ignored if passed in the request. |

7

GetBalance API Operation

Obtain the available balance for a PayPal account.

- [“GetBalance Request Message” on page 109](#)
- [“GetBalance Response Message” on page 109](#)

GetBalance Request Message

GetBalance Request Fields

| Field | Description |
|---------------------|--|
| METHOD | (<i>Required</i>) Must be GetBalance. |
| RETURNALLCURRENCIES | (<i>Optional</i>) Whether to return all currencies, which is one of the following values: <ul style="list-style-type: none">• 0 - Return only the balance for the primary currency holding• 1 - Return the balance for each currency holding NOTE: You can only include this field with API VERSION 51 and later; prior versions return only the balance for the primary currency holding. |

GetBalance Response Message

GetBalance Response Fields

| Field | Description |
|-----------------|--|
| L_AMTn | The available balance and associated currency code for the primary currency holding. |
| L_CURRENCYCODEn | The currency code associated with the holding, such as USD. |

8

GetPalDetails API Operation

Obtain 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” on page 111](#)
- [“GetPalDetails Response Message” on page 111](#)

GetPalDetails Request Message

GetPalDetails Request Fields

| Field | Description |
|--------|--|
| METHOD | <i>(Required)</i> Must be GetPalDetails. |

GetPalDetails Response Message

GetPalDetails Response Fields

| Field | Description |
|-------|--|
| PAL | The PayPal-assigned merchant account number. |

| Field | Description |
|--------|--|
| LOCALE | <p>A two-character country code representing the merchant's default locale, which is one of the following locales:</p> <ul style="list-style-type: none">• AU - Australia• AT - Austria• BE - Belgium• CA - Canada• CH - Switzerland• CN - China• DE - Germany• ES - Spain• GB - United Kingdom• FR - France• IT - Italy• NL - Netherlands• PL - Poland• US - United States |

9

GetTransactionDetails API Operation

Obtain information about a specific transaction.

- [“GetTransactionDetails Request Message” on page 113](#)
- [“GetTransactionDetails Response Message” on page 113](#)

GetTransactionDetails Request Message

GetTransactionDetails Request Fields

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

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.

Receiver Information Fields

| Field | Description |
|---------------|--|
| RECEIVEREMAIL | Primary email address of the payment recipient (the seller). 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 seller). This value is the same as the value of the recipient's referral ID. |

Payer Information Fields

| Field | Description |
|---------------|--|
| EMAIL | Email address of payer. 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 payer. Valid values are: <ul style="list-style-type: none">• verified• unverified Character length and limitations: 10 single-byte alphabetic characters. |
| COUNTRYCODE | Payer's country of residence in the form of ISO standard 3166 two-character country codes. Character length and limitations: Two single-byte characters. |
| PAYERBUSINESS | Payer's business name. Character length and limitations: 127 single-byte characters. |

Payer Name Fields

| Field | Description |
|------------|--|
| SALUTATION | Payer's salutation. Character length and limitations: 20 single-byte characters. |
| FIRSTNAME | Payer's first name. Character length and limitations: 25 single-byte characters. |
| MIDDLENAME | Payer's middle name. Character length and limitations: 25 single-byte characters. |

| Field | Description |
|----------|--|
| LASTNAME | Payer's last name. Character length and limitations: 25 single-byte characters. |
| SUFFIX | Payer's suffix. Character length and limitations: 12 single-byte characters. |

Address Fields

| Field | Description |
|-------------------|---|
| ADDRESSOWNER | eBay company that maintains this address. Valid values are: <ul style="list-style-type: none">• eBay• PayPal |
| ADDRESSSTATUS | Status of street address on file with PayPal. Valid values are: <ul style="list-style-type: none">• 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. Character length and limitations: 40 single-byte characters. Required for U.S. addresses only. |
| SHIPTOZIP | U.S. zip code or other country-specific postal code. Character length and limitations: 20 single-byte characters. |
| SHIPTOCOUNTRYCODE | Country code. Character limit: Two single-byte characters. |
| SHIPTOPHONENUM | (Optional) Phone number. Character length and limit: 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 | <ul style="list-style-type: none"> • 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 |
| TRANSACTIONTYPE | The type of transaction Valid values: <ul style="list-style-type: none"> • cart • express-checkout Character length and limitations: 15 single-byte characters |
| PAYMENTTYPE | Indicates whether the payment is instant or delayed. Character length and limitations: Seven single-byte characters Valid values: <ul style="list-style-type: none"> • none • echeck • instant |
| 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: 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. |
| CURRENCYCODE | A three-character currency code. |

| Field | Description |
|---------------|---|
| FEEAMT | <p>PayPal fee amount charged for the transaction.</p> <p>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.</p> |
| SETTLEAMT | <p>Amount deposited in your PayPal account after a currency conversion.</p> |
| TAXAMT | <p>Tax charged on the transaction.</p> <p>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.</p> |
| EXCHANGERATE | <p>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.</p> <p>Character length and limitations: a decimal that does not exceed 17 characters, including decimal point</p> |
| PAYMENTSTATUS | <p>Status of the payment.</p> <p>The status of the payment:</p> <ul style="list-style-type: none"> • 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 customer'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. |

| Field | Description |
|---------------|---|
| PENDINGREASON | <p>NOTE: PendingReason is returned in the response only if PaymentStatus is Pending.</p> <p>The reason the payment is pending:</p> <ul style="list-style-type: none"> • 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. |
| REASONCODE | <p>The reason for a reversal if TransactionType is reversal:</p> <ul style="list-style-type: none"> • none: No reason code • chargeback: A reversal has occurred on this transaction due to a chargeback by your customer. • guarantee: A reversal has occurred on this transaction due to your customer triggering a money-back guarantee. • buyer-complaint: A reversal has occurred on this transaction due to a complaint about the transaction from your customer. • refund: A reversal has occurred on this transaction because you have given the customer a refund. • other: A reversal has occurred on this transaction due to a reason not listed above. |

| Field | Description |
|---------------------------|--|
| PROTECTIONELIGIBILITY | <p>Prior to version 64.4, the kind of seller protection in force for the transaction, which is one of the following values:</p> <ul style="list-style-type: none"> • Eligible – Seller is protected by PayPal's Seller Protection Policy for Unauthorized Payments and Item Not Received • PartiallyEligible – Seller is protected by PayPal's Seller Protection Policy for Item Not Received • Ineligible – Seller is not protected under the Seller Protection Policy |
| PROTECTIONELIGIBILITYTYPE | <p>Since version 64.4, the kind of seller protection in force for the transaction, which is one of the following values:</p> <ul style="list-style-type: none"> • Eligible – Seller is protected by PayPal's Seller Protection Policy for both Unauthorized Payment and Item Not Received • ItemNotReceivedEligible – Seller is protected by PayPal's Seller Protection Policy for Item Not Received • UnauthorizedPaymentEligible – Seller is protected by PayPal's Seller Protection Policy for Unauthorized Payment • Ineligible – Seller is not protected under the Seller Protection Policy |

Payment Item Information Fields

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

Payment Item Fields

| Field | Description |
|-----------------|--|
| L_DESC <i>n</i> | <p>Amount of tax charged on payment.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_DESC0, L_DESC1).</p> |

GetTransactionDetails API Operation

GetTransactionDetails Response Message

| Field | Description |
|-------------------------|--|
| L_NUMBER <i>n</i> | Item number set by you. If this was a shopping cart transaction, PayPal appends the number of the item to the HTML <code>item_number</code> variable. For example, <code>item_number1</code> , <code>item_number2</code> , and so forth. Character length and limitations: 127 single-byte alphanumeric characters These parameters must be ordered sequentially beginning with 0 (for example <code>L_NUMBER0</code> , <code>L_NUMBER1</code>). |
| L_QTY <i>n</i> | Quantity set by you or entered by the customer. Character length and limitations: no limit |
| L_AMT <i>n</i> | Cost of item. These parameters must be ordered sequentially beginning with 0 (for example <code>L_AMT0</code> , <code>L_AMT1</code>). |
| L_OPTIONSNAME <i>n</i> | 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, <code>L_OPTIONSNAMES0</code> , <code>L_OPTIONSNAME1</code>). |
| L_OPTIONSVALUE <i>n</i> | 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, <code>L_OPTIONSVALUE0</code> , <code>L_OPTIONSVALUE1</code>). |
| L_EBAYITEMTXNID | The eBay auction transaction ID of the item that you use to identify items purchased by the buyer. Character length and limitations: 255 single-byte characters |

Auction Information Fields

| Field | Description |
|-------------|---|
| BUYERID | Customer'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 will be charged. Character length and limitations: no limit |

10

ManagePendingTransactionStatus API Operation

Accept or deny a pending transaction held by Fraud Management Filters.

- [“ManagePendingTransactionStatus Request Message” on page 121](#)
- [“ManagePendingTransactionStatus Response Message” on page 121](#)

ManagePendingTransactionStatus Request Message

ManagePendingTransactionStatus Request Fields

| Field | Description |
|---------------|--|
| METHOD | <i>(Required)</i> Must be ManagePendingTransactionStatus. |
| TRANSACTIONID | <i>(Required)</i> The transaction ID of the payment transaction. |
| ACTION | <i>(Required)</i> The operation you want to perform on the transaction, which is one of the following actions: <ul style="list-style-type: none">• 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. |

| Field | Description |
|--------|---|
| STATUS | <p>The status of the transaction, which is one of the following values:</p> <ul style="list-style-type: none">• Pending• Processing• Completed• Denied• Reversed• Display Only• Partially Refunded• Created Refunded |

11

MassPay API Operation

Make a payment to one or more PayPal account holders.

- [“MassPay Request Message” on page 123](#)
- [“MassPay Response Message” on page 123](#)

MassPay Request Message

MassPay Request Fields

| Field | Description |
|--------------|---|
| METHOD | <i>(Required)</i> Must be MassPay. |
| EMAILSUBJECT | <i>(Optional)</i> The subject line of the email that PayPal sends when the transaction is completed. The subject line is the same for all recipients. Character length and limitations: 255 single-byte alphanumeric characters. |
| CURRENCYCODE | A three-character currency code. See “Currency Codes” on page 263 . |
| RECEIVERTYPE | <i>(Optional)</i> Indicates how you identify the recipients of payments in this call to MassPay. Must be EmailAddress or 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

This chapter describes the PayPal API operations related to recurring payments and reference transactions:

- [“CreateRecurringPaymentsProfile API Operation” on page 125](#)
- [“GetRecurringPaymentsProfileDetails API Operation” on page 134](#)
- [“ManageRecurringPaymentsProfileStatus API Operation” on page 142](#)
- [“BillOutstandingAmount API Operation” on page 143](#)
- [“UpdateRecurringPaymentsProfile API Operation” on page 144](#)
- [“SetCustomerBillingAgreement API Operation” on page 150](#)
- [“GetBillingAgreementCustomerDetails API Operation” on page 153](#)
- [“BAUpdate API Operation” on page 155](#)
- [“DoReferenceTransaction API Operation” on page 158](#)

CreateRecurringPaymentsProfile API Operation

Create 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, the description in the recurring payments profile must match the description of a billing agreement. For version 54.0 and later, use `SetExpressCheckout` to initiate creation of a billing agreement.

- [“CreateRecurringPaymentsProfile Request Message” on page 126](#)
- [“CreateRecurringPaymentsProfile Response Message” on page 134](#)

CreateRecurringPaymentsProfile Request Message

CreateRecurringPaymentsProfile Request Fields

| Field | Description |
|--------|--|
| METHOD | <i>(Required)</i> Must be CreateRecurringPaymentsProfile. |
| TOKEN | <p>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.</p> <p>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.</p> <p>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.</p> <p>NOTE: Tokens expire after approximately 3 hours.</p> |

Recurring Payments Profile Details Fields

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

Schedule Details Fields

| Field | Description |
|-------|---|
| DESC | <p><i>(Required)</i> Description of the recurring payment.</p> <p>NOTE: This field must match the corresponding billing agreement description included in the SetExpressCheckout request.</p> <p>Character length and limitations: 127 single-byte alphanumeric characters</p> |

| Field | Description |
|-------------------|--|
| MAXFAILEDPAYMENTS | <p>(Optional) The 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.</p> <p>Character length and limitations: Number string representing an integer.</p> |
| AUTOBILLOUTAMT | <p>(Optional) This field 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.</p> <p>Valid values: Must be NoAutoBill or AddToNextBilling.</p> |

Billing Period Details Fields

| Field | Description |
|--------------------|---|
| BILLINGPERIOD | <p>(Required) Unit for billing during this subscription period.</p> <p>One of the following values:</p> <ul style="list-style-type: none"> • Day • Week • SemiMonth • Month • Year <p>For SemiMonth, billing is done on the 1st and 15th of each month.</p> <p>NOTE: The combination of BillingPeriod and BillingFrequency cannot exceed one year.</p> |
| BILLINGFREQUENCY | <p>(Required) Number of billing periods that make up one billing cycle.</p> <p>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.</p> <p>NOTE: If the billing period is SemiMonth., the billing frequency must be 1.</p> |
| TOTALBILLINGCYCLES | <p>(Optional) The number of billing cycles for payment period.</p> <ul style="list-style-type: none"> • 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. |

| Field | Description |
|-------------------------|--|
| AMT | <p>(Required) Billing amount for each billing cycle during this payment period. This amount does not include shipping and tax amounts.</p> <p>NOTE: All amounts in the CreateRecurringPaymentsProfile request must have the same currency.</p> <p>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.</p> |
| TRIALBILLINGPERIOD | <p>Unit for billing during this subscription period; required if you specify an optional trial period.</p> <p>One of the following values:</p> <ul style="list-style-type: none"> • Day • Week • SemiMonth • Month • Year <p>For SemiMonth, billing is done on the 1st and 15th of each month.</p> <p>NOTE: The combination of BillingPeriod and BillingFrequency cannot exceed one year.</p> |
| TRIALBILLINGFREQUENCY | <p>Number of billing periods that make up one billing cycle; required if you specify an optional trial period.</p> <p>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.</p> <p>NOTE: If the billing period is SemiMonth., the billing frequency must be 1.</p> |
| TRIALTOTALBILLINGCYCLES | <p>(Optional) The number of billing cycles for trial payment period.</p> |
| TRIALAMT | <p>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.</p> <p>NOTE: All amounts in the CreateRecurringPaymentsProfile request must have the same currency.</p> <p>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.</p> |
| CURRENCYCODE | <p>(Required) A three-character currency code.</p> <p>Default: USD</p> |

| Field | Description |
|-------------|--|
| SHIPPINGAMT | <p>(Optional) Shipping amount for each billing cycle during this payment period.</p> <p>NOTE: All amounts in the request must have the same currency.</p> <p>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.</p> |
| TAXAMT | <p>(Optional) Tax amount for each billing cycle during this payment period.</p> <p>NOTE: All amounts in the request must have the same currency.</p> <p>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.</p> |

Activation Details Fields

| Field | Description |
|---------------------|--|
| INITAMT | <p>(Optional) Initial non-recurring payment amount due immediately upon profile creation. Use an initial amount for enrolment or set-up fees.</p> <p>NOTE: All amounts included in the request must have the same currency.</p> <p>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.</p> |
| FAILEDINITAMTACTION | <p>(Optional) By default, PayPal will suspend the pending profile in the event that the initial payment amount fails. You can override this default behavior by setting this field to <code>ContinueOnFailure</code>, which indicates that if the initial payment amount fails, PayPal should add the failed payment amount to the outstanding balance for this recurring payment profile.</p> <p>When this flag is set to <code>ContinueOnFailure</code>, a success code will be returned to the merchant in the <code>CreateRecurringPaymentsProfile</code> response and the recurring payments profile will be activated for scheduled billing immediately. You should check your IPN messages or PayPal account for updates of the payment status.</p> <p>If this field is not set or is set to <code>CancelOnFailure</code>, PayPal will create the recurring payment profile, but will place it into a pending status until the initial payment is completed. If the initial payment clears, PayPal will notify you by IPN that the pending profile has been activated. If the payment fails, PayPal will notify you by IPN that the pending profile has been canceled.</p> <p>Character length and limitations: <code>ContinueOnFailure</code> or <code>CancelOnFailure</code>.</p> |

Ship To Address Fields

| Field | Description |
|----------------|--|
| SHIPTONAME | Person's name associated with this shipping address. Required if using a shipping address. Character length and limitations: 32 single-byte characters. |
| SHIPTOSTREET | First street address. Required if using a shipping address. Character length and limitations: 100 single-byte characters. |
| SHIPTOSTREET2 | <i>(Optional)</i> 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. |
| SHIPTOPHONENUM | <i>(Optional)</i> Phone number. Character length and limit: 20 single-byte characters. |

Credit Card Details Fields

| Field | Description |
|----------------|--|
| CREDITCARDTYPE | <p><i>(Required)</i> Type of credit card. Character length and limitations: Up to ten single-byte alphabetic characters. Allowable values:</p> <ul style="list-style-type: none"> • Visa • MasterCard • Discover • Amex • Maestro: See note. • Solo: See note. <p>For UK, only Maestro, Solo, MasterCard, Discover, and Visa are allowable. For Canada, only MasterCard and Visa are allowable; Interac debit cards are not supported.</p> <p>NOTE: If the credit card type is Maestro or Solo, the CURRENCYCODE must be GBP. In addition, either STARTDATE or ISSUENUMBER must be specified.</p> |

| Field | Description |
|-------------|--|
| ACCT | <i>(Required)</i> Credit card number. Character length and limitations: numeric characters only. No spaces or punctuation. 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. Format: MMYYYY Character length and limitations: Six single-byte alphanumeric characters, including leading zero. |
| CVV2 | Card Verification Value, version 2. Your Merchant Account settings determine whether this field is required. Character length for Visa, MasterCard, and Discover: exactly three digits. Character length for American Express: exactly four digits. To comply with credit card processing regulations, you must not store this value after a transaction has been completed. |
| STARTDATE | <i>(Optional)</i> Month and year that Maestro or Solo card was issued, the MMYYYY format. Character length: Must be six digits, including leading zero. |
| ISSUENUMBER | <i>(Optional)</i> Issue number of Maestro or Solo card. Character length: two numeric digits maximum. |

Payer Information Fields

| Field | Description |
|-------------|--|
| EMAIL | <i>(Required)</i> Email address of payer. Character length and limitations: 127 single-byte characters |
| PAYERID | <i>(Optional)</i> Unique PayPal customer account identification number. Character length and limitations: 13 single-byte alphanumeric characters |
| PAYERSTATUS | <i>(Optional)</i> Status of payer. Valid values are: <ul style="list-style-type: none"> • verified • unverified Character length and limitations: 10 single-byte alphabetic characters |
| COUNTRYCODE | <i>(Optional)</i> Payer's country of residence in the form of ISO standard 3166 two-character country codes. Character length and limitations: Two single-byte characters |
| BUSINESS | <i>(Optional)</i> Payer's business name. Character length and limitations: 127 single-byte characters |

Payer Name Fields

| Field | Description |
|------------|--|
| SALUTATION | <i>(Optional)</i> Payer's salutation. Character length and limitations: 20 single-byte characters. |
| FIRSTNAME | <i>(Optional)</i> Payer's first name. Character length and limitations: 25 single-byte characters. |
| MIDDLENAME | <i>(Optional)</i> Payer's middle name. Character length and limitations: 25 single-byte characters. |
| LASTNAME | <i>(Optional)</i> Payer's last name Character length and limitations: 25 single-byte characters. |
| SUFFIX | <i>(Optional)</i> Payer's suffix Character length and limitations: 12 single-byte characters. |

Address Fields

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

Payment Details Item Fields

| Field | Description |
|----------------------------------|--|
| L_PAYMENTREQUEST_n_ITEMCATEGORYm | <p>Is one of the following values. Introduced in Version 69.0.</p> <ul style="list-style-type: none"> • Digital • Physical <p>For digital goods, this field is required and must be set to Digital to get the best rates.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_ITEMCATEGORY0, L_PAYMENTREQUEST_n_ITEMCATEGORY1).</p> |
| L_PAYMENTREQUEST_n_NAMEm | <p>Item name. Introduced in Version 69.0. This field is required when ItemCategory is passed.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_NAME0, L_PAYMENTREQUEST_n_NAME1).</p> <p>Character length and limitations: 127 single-byte characters</p> |
| L_PAYMENTREQUEST_n_DESCRIPTIONm | <p>(Optional) Item description. Introduced in Version 69.0.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_DESC0, L_PAYMENTREQUEST_n_DESC1).</p> <p>Character length and limitations: 127 single-byte characters</p> |
| L_PAYMENTREQUEST_n_AMTm | <p>Cost of item. Introduced in Version 69.0. This field is required when ItemCategory is passed.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_AMT0, L_PAYMENTREQUEST_n_AMT1).</p> <p>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.</p> |
| L_PAYMENTREQUEST_n_NUMBERm | <p>(Optional) Item number. Introduced in Version 69.0.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_NUMBER0, L_PAYMENTREQUEST_n_NUMBER1).</p> |
| L_PAYMENTREQUEST_n_QTYm | <p>Item quantity. Introduced in Version 69.0. This field is required when ItemCategory is passed.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_QTY0, L_PAYMENTREQUEST_n_QTY1).</p> <p>Character length and limitations: Any positive integer</p> |
| L_PAYMENTREQUEST_n_TAXAMTm | <p>(Optional) Item sales tax. Introduced in Version 69.0.</p> <p>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.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_TAXAMT0, L_PAYMENTREQUEST_n_TAXAMT1).</p> |

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. |
| STATUS | Status of the recurring payment profile. <ul style="list-style-type: none"> • 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

Obtain information about a recurring payments profile.

- [“GetRecurringPaymentsProfileDetails Request Message” on page 134](#)
- [“GetRecurringPaymentsProfileDetails Response Message” on page 135](#)

GetRecurringPaymentsProfileDetails Request Message**GetRecurringPaymentsProfileDetails Request Fields**

| Field | Description |
|-----------|---|
| METHOD | <i>(Required)</i> Must be <code>GetRecurringPaymentsProfileDetails</code> . |
| PROFILEID | <i>(Required)</i> Recurring payments profile ID returned in the <code>CreateRecurringPaymentsProfile</code> 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. |

GetRecurringPaymentsProfileDetails Response Message

GetRecurringPaymentsProfileDetails Response Fields

| Field | Description |
|-------------------------|--|
| PROFILEID | Recurring payments profile ID returned in the CreateRecurringPaymentsProfile response. |
| STATUS | Status of the recurring payment profile. <ul style="list-style-type: none">• Active• Pending• Cancelled• Suspended• Expired |
| DESC | Description of the recurring payment. Character length and limitations: 127 single-byte alphanumeric characters. |
| AUTOBILLOUTAMT | This field 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. Valid values: NoAutoBill or AddToNextBilling. |
| MAXFAILEDPAYMENTS | The 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: 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 (,). |
| AGGREGATEOPTIONALAMOUNT | Total amount collected thus far for optional payments. 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 (,). |
| FINALPAYMENTDUE DATE | 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. |

| Field | Description |
|------------------|--|
| 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. |
| PROFILEREERENCE | 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. Valid values are: <ul style="list-style-type: none"> • 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. Character length and limitations: 40 single-byte characters. Required for U.S. addresses only. |
| SHIPTOZIP | U.S. zip code or other country-specific postal code. Character length and limitations: 20 single-byte characters. |
| SHIPTOCOUNTRYCODE | Country code. Character limit: Two single-byte characters. |

Billing Period Details Fields

| Field | Description |
|-------------------------|---|
| BILLINGPERIOD | <p>Unit for billing during this subscription period.</p> <p>One of the following values:</p> <ul style="list-style-type: none">• Day• Week• SemiMonth• Month• Year <p>For SemiMonth, billing is done on the 1st and 15th of each month.</p> <p>NOTE: The combination of BillingPeriod and BillingFrequency cannot exceed one year.</p> |
| REGULARBILLINGPERIOD | <p>Unit for billing during this regular subscription period.</p> <p>Use this field with API version 53.0 and later.</p> <p>One of the following values:</p> <ul style="list-style-type: none">• Day• Week• SemiMonth• Month• Year <p>For SemiMonth, billing is done on the 1st and 15th of each month.</p> <p>NOTE: The combination of RegularBillingPeriod and RegularBillingFrequency cannot exceed one year.</p> |
| BILLINGFREQUENCY | <p>Number of billing periods that make up one billing cycle.</p> <p>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.</p> <p>NOTE: If the billing period is SemiMonth., the billing frequency must be 1.</p> |
| REGULARBILLINGFREQUENCY | <p>Number of billing periods that make up one regular billing cycle.</p> <p>Use this field with API version 53.0 and later.</p> <p>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.</p> <p>NOTE: If the billing period is SemiMonth., the billing frequency must be 1.</p> |

| Field | Description |
|---------------------------|---|
| TOTALBILLINGCYCLES | <p>The number of billing cycles for payment period (either the regular payment period or the trial period).</p> <ul style="list-style-type: none"> 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 | <p>The number of billing cycles for the regular payment period.</p> <p>Use this field with API version 53.0 and later.</p> <ul style="list-style-type: none"> 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. |
| AMT | <p>Billing amount for each billing cycle during this payment period. This amount does not include shipping and tax amounts.</p> <p>NOTE: All amounts in the CreateRecurringPaymentsProfile request must have the same currency.</p> <p>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.</p> |
| REGULARAMT | <p>Billing amount for each billing cycle during this regular payment period. This amount does not include shipping and tax amounts.</p> <p>Use this field with API version 53.0 and later.</p> <p>NOTE: All amounts in the CreateRecurringPaymentsProfile request must have the same currency.</p> <p>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.</p> |
| SHIPPINGAMT | <p>Shipping amount for each billing cycle during this payment period.</p> <p>NOTE: All amounts in the request must have the same currency.</p> <p>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.</p> |

| Field | Description |
|---------------------|---|
| REGULARSHIPPINGAMT | <p>Shipping amount for each billing cycle during this regular payment period. Use this field with API version 53.0 and later.</p> <p>NOTE: All amounts in the request must have the same currency.</p> <p>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.</p> |
| TAXAMT | <p>Tax amount for each billing cycle during this payment period.</p> <p>NOTE: All amounts in the request must have the same currency.</p> <p>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.</p> |
| REGULARTAXAMT | <p>Tax amount for each billing cycle during this regular payment period. Use this field with API version 53.0 and later.</p> <p>NOTE: All amounts in the request must have the same currency.</p> <p>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.</p> |
| CURRENCYCODE | <p>(Required) A three-character currency code. Default: USD</p> |
| REGULARCURRENCYCODE | <p>(Required) A three-character currency code. Use this field with API version 53.0 and later. Default: USD</p> |

Recurring Payments Summary Details Fields

| Field | Description |
|--------------------|--|
| NEXTBILLINGDATE | The next scheduled billing date, in YYYY-MM-DD format. |
| NUMCYCLESCOMPLETED | 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 | <p>The current past due or outstanding balance for this profile.</p> <p>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.</p> |

| Field | Description |
|--------------------|--|
| 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. Character length and limitations: Up to ten single-byte alphabetic characters. Allowable values: <ul style="list-style-type: none"> • Visa • MasterCard • Discover • Amex • Maestro: See important note. • Solo: See important note. NOTE: If the credit card type is Maestro or Solo, the currencyId must be GBP. In addition, either StartMonth and StartYear or IssueNumber must be specified. |
| ACCT | Credit card number. Only the last 4 digits of the credit card number are returned. Character length and limitations: numeric characters only. No spaces or punctuation. 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. Format: MMYYYY Character length and limitations: Six single-byte alphanumeric characters, including leading zero. |
| STARTDATE | Month and year that Maestro or Solo card was issued, the MMYYYY format. Character length: Must be six digits, including leading zero. |
| ISSUENUMBER | Issue number of Maestro or Solo card. Character length: two numeric digits maximum. |

Payer Info Fields

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

Address Fields

| Field | Description |
|-------------------|---|
| ADDRESSOWNER | eBay company that maintains this address. Valid values are: <ul style="list-style-type: none">• eBay• PayPal |
| ADDRESSSTATUS | Status of street address on file with PayPal. Valid values are: <ul style="list-style-type: none">• 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. Character length and limitations: 40 single-byte characters. Required for U.S. addresses only. |
| SHIPTOZIP | U.S. zip code or other country-specific postal code. Character length and limitations: 20 single-byte characters. |
| SHIPTOCOUNTRYCODE | Country code. Character limit: Two single-byte characters. |
| SHIPTOPHONENUM | (Optional) Phone number. Character length and limit: 20 single-byte characters. |

ManageRecurringPaymentsProfileStatus API Operation

Cancel, suspend, or reactivate a recurring payments profile.

- “[ManageRecurringPaymentsProfileStatus Request Message](#)” on page 142
- “[ManageRecurringPaymentsProfileStatus Response Message](#)” on page 143

ManageRecurringPaymentsProfileStatus Request Message

ManageRecurringPaymentsProfileStatus Request Fields

| Field | Description |
|-----------|--|
| METHOD | <i>(Required)</i> Must be ManageRecurringPaymentsProfileStatus. |
| PROFILEID | <i>(Required)</i> 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 | <i>(Required)</i> The action to be performed to the recurring payments profile. Must be one of the following: <ul style="list-style-type: none">• 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 | <i>(Optional)</i> The reason for the change in status. For profiles created using Express Checkout, this message will be 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 | <p>Recurring payments profile ID returned in the CreateRecurringPaymentsProfile response.</p> <p>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:</p> <ul style="list-style-type: none">• Cancel - Profile status is not Active or Suspended.• Suspend - Profile status is not Active.• Reactivate - Profile status is not Suspended. |

BillOutstandingAmount API Operation

Bill the buyer for the outstanding balance associated with a recurring payments profile.

- [“BillOutstandingAmount Request Message” on page 143](#)
- [“BillOutstandingAmount Response Message” on page 144](#)

BillOutstandingAmount Request Message

BillOutstandingAmount Request Fields

| Field | Description |
|-----------|---|
| METHOD | (Required) Must be BillOutstandingAmount. |
| PROFILEID | <p>(Required) Recurring payments profile ID returned in the CreateRecurringPaymentsProfile response.</p> <p>Character length and limitations: 14 single-byte alphanumeric characters. 19 character profile IDs are supported for compatibility with previous versions of the PayPal API.</p> <p>NOTE: The profile must have a status of either Active or Suspended.</p> |
| AMT | <p>(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 will attempt to bill the entire outstanding balance amount.</p> <p>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.</p> |

| Field | Description |
|-------|--|
| NOTE | (Optional) The reason for the non-scheduled payment. For profiles created using Express Checkout, this message will be 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

Update a recurring payments profile.

- [“UpdateRecurringPaymentsProfile Request Message” on page 144](#)
- [“UpdateRecurringPaymentsProfile Response Message” on page 149](#)

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 will be 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. |

| Field | Description |
|-------------------------|--|
| DESC | <p>(Optional) Description of the recurring payment.</p> <p>Character length and limitations: 127 single-byte alphanumeric characters.</p> |
| SUBSCRIBERNAME | <p>(Optional) Full name of the person receiving the product or service paid for by the recurring payment.</p> <p>If not present, the name in the buyer's PayPal account is used.</p> <p>Character length and limitations: 32 single-byte characters.</p> |
| PROFILEREference | <p>(Optional) The merchant's own unique reference or invoice number.</p> <p>Character length and limitations: 127 single-byte alphanumeric characters.</p> |
| ADDITIONALBILLINGCYCLES | <p>(Optional) The number of additional billing cycles to add to this profile.</p> |
| AMT | <p>(Optional) Billing amount for each cycle in the subscription period, not including shipping and tax amounts.</p> <p>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).</p> <p>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.</p> |
| SHIPPINGAMT | <p>(Optional) Shipping amount for each billing cycle during the regular payment period.</p> <p>NOTE: All amounts in the request must have the same currency.</p> <p>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.</p> |
| TAXAMT | <p>(Optional) Tax amount for each billing cycle during the regular payment period.</p> <p>NOTE: All amounts in the request must have the same currency.</p> <p>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.</p> |
| OUTSTANDINGAMT | <p>(Optional) The current past due or outstanding amount for this profile. You can only decrease the outstanding amount—it cannot be increased.</p> <p>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.</p> |
| AUTOBILLOUTAMT | <p>(Optional) This field indicates whether you would like PayPal to automatically bill the outstanding balance amount in the next billing cycle.</p> <p>Valid values: Must be NoAutoBill or AddToNextBilling.</p> |

| Field | Description |
|-------------------|--|
| MAXFAILEDPAYMENTS | <p>(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.</p> <p>Character length and limitations: Number string representing an integer.</p> |
| PROFILESTARTDATE | <p>(Optional) The date when billing for this profile begins.</p> <p>Must be a valid date, in UTC/GMT format.</p> <p>NOTE: The profile may take up to 24 hours for activation.</p> |

Ship To Address Fields

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

Billing Period Details Fields

| Field | Description |
|--------------------|---|
| TOTALBILLINGCYCLES | <p>(Optional) The number of billing cycles for payment period.</p> <ul style="list-style-type: none"> 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. |

| Field | Description |
|-------------------------|--|
| AMT | <p>(Required) Billing amount for each billing cycle during this payment period. This amount does not include shipping and tax amounts.</p> <p>NOTE: All amounts in the CreateRecurringPaymentsProfile request must have the same currency.</p> <p>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.</p> |
| TRIALTOTALBILLINGCYCLES | <p>(Optional) The number of billing cycles for trial payment period.</p> |
| TRIALAMT | <p>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.</p> <p>NOTE: All amounts in the CreateRecurringPaymentsProfile request must have the same currency.</p> <p>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.</p> |
| CURRENCYCODE | <p>(Required) A three-character currency code.</p> <p>Default: USD</p> |
| SHIPPINGAMT | <p>(Optional) Shipping amount for each billing cycle during this payment period.</p> <p>NOTE: All amounts in the request must have the same currency.</p> <p>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.</p> |
| TAXAMT | <p>(Optional) Tax amount for each billing cycle during this payment period.</p> <p>NOTE: All amounts in the request must have the same currency.</p> <p>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.</p> |

Credit Card Details Fields

| Field | Description |
|----------------|---|
| CREDITCARDTYPE | <p>(Required) Type of credit card.</p> <p>Character length and limitations: Up to ten single-byte alphabetic characters.</p> <p>Allowable values:</p> <ul style="list-style-type: none"> • Visa • MasterCard • Discover • Amex • Maestro: See note. • Solo: See note. <p>For UK, only Maestro, Solo, MasterCard, Discover, and Visa are allowable. For Canada, only MasterCard and Visa are allowable; Interac debit cards are not supported.</p> <p>NOTE: If the credit card type is Maestro or Solo, the CURRENCYCODE must be GBP. In addition, either STARTDATE or ISSUENUMBER must be specified.</p> |
| ACCT | <p>(Required) Credit card number.</p> <p>Character length and limitations: numeric characters only. No spaces or punctuation. Must conform with modulo and length required by each credit card type.</p> |
| EXPDATE | <p>Credit card expiration date.</p> <p>This field is required if you are using recurring payments with direct payments.</p> <p>Format: MMYYYY</p> <p>Character length and limitations: Six single-byte alphanumeric characters, including leading zero.</p> |
| CVV2 | <p>Card Verification Value, version 2. Your Merchant Account settings determine whether this field is required. Character length for Visa, MasterCard, and Discover: exactly three digits. Character length for American Express: exactly four digits. To comply with credit card processing regulations, you must not store this value after a transaction has been completed.</p> |
| STARTDATE | <p>(Optional) Month and year that Maestro or Solo card was issued, the MMYYYY format.</p> <p>Character length: Must be six digits, including leading zero.</p> |
| ISSUENUMBER | <p>(Optional) Issue number of Maestro or Solo card. Character length: two numeric digits maximum.</p> |

Payer Information Fields

| Field | Description |
|-------|---|
| EMAIL | <p>(Optional) Email address of payer.</p> <p>Character length and limitations: 127 single-byte characters</p> |

| Field | Description |
|-----------|---|
| FIRSTNAME | (Required) Payer's first name. Character length and limitations: 25 single-byte characters |
| LASTNAME | (Required) Payer'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 limit: Two 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 limit: 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

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” on page 150](#)
- [“SetCustomerBillingAgreement Response Message” on page 153](#)

SetCustomerBillingAgreement Request Message

SetCustomerBillingAgreement Request Fields

| Field | Description |
|-----------|--|
| METHOD | <i>(Required)</i> Must be SetCustomerBillingAgreement. |
| RETURNURL | <i>(Required)</i> URL to which the customer’s browser is returned after choosing to pay with PayPal. NOTE: PayPal recommends that the value be the final review page on which the customer confirms the billing agreement. Character length and limitations: no limit. |
| CANCELURL | <i>(Required)</i> 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 | <p>(Optional) Locale of pages displayed by PayPal during checkout.</p> <p>The following two-character country codes are supported by PayPal:</p> <ul style="list-style-type: none"> • AU - Australia • AT - Austria • BE - Belgium • CA - Canada • CH - Switzerland • CN - China • DE - Germany • ES - Spain • GB - United Kingdom • FR - France • IT - Italy • NL - Netherlands • PL - Poland • US - United States <p>Any other value will default to US.</p> <p>Character length and limitations: Any two-character country code.</p> |
| PAGESTYLE | <p>(Optional) Sets the Custom Payment Page Style for payment pages associated with this button/link. This value corresponds to the HTML variable <code>page_style</code> for customizing payment pages. The value is the same as the Page Style Name you chose when adding or editing the page style from the Profile subtab of the My Account tab of your PayPal account.</p> <p>Character length and limitations: 30 single-byte alphabetic characters.</p> |
| HDRIMG | <p>(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.</p> <p>Character length and limitations: 127 single-byte alphanumeric characters.</p> |
| HDRBORDERCOLOR | <p>(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.</p> <p>Character length and limitations: Six character HTML hexadecimal color code in ASCII.</p> |
| HDRBACKCOLOR | <p>(Optional) Sets the background color for the header of the payment page. By default, the color is white.</p> <p>Character length and limitation: Six character HTML hexadecimal color code in ASCII.</p> |
| PAYFLOWCOLOR | <p>(Optional) Sets the background color for the payment page.</p> <p>Character length and limitation: Six character HTML hexadecimal color code in ASCII.</p> |

| Field | Description |
|-------|--|
| 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_BILLINGTYPE n | (Required) Type of billing agreement. For recurring payments, this field must be set to <code>RecurringPayments</code> . In this case, you can specify up to ten billing agreements. Other defined values are not valid. |
| BILLINGTYPE | Type of billing agreement, which is required for reference transactions. For reference transactions, this field must be set to one of the following values: <ul style="list-style-type: none"> • <code>MerchantInitiatedBilling</code> - PayPal creates a billing agreement for each transaction associated with buyer. You must specify version 54.0 or higher to use this option. • <code>MerchantInitiatedBillingSingleAgreement</code> - PayPal creates a single billing agreement for all transactions associated with buyer. Use this value unless you need per-transaction billing agreements. You must specify version 58.0 or higher to use this option. Other defined values are not valid. |
| L_BILLINGAGREEMENTDESCRIPTION n | Description of goods or services associated with the billing agreement, which 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, customer will be billed at “9.99 per month for 2 years”. Character length and limitations: 127 single-byte alphanumeric bytes. |
| L_PAYMENTTYPE n | (Optional) Specifies type of PayPal payment you require for the billing agreement. <ul style="list-style-type: none"> • <code>Any</code> • <code>InstantOnly</code> NOTE: For recurring payments, this field is ignored. |
| L_BILLINGAGREEMENTCUSTOM 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. |

SetCustomerBillingAgreement Response Message

SetCustomerBillingAgreement Response Fields

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

GetBillingAgreementCustomerDetails API Operation

Obtain information about a billing agreement's PayPal account holder.

- [“GetBillingAgreementCustomerDetails Request Message” on page 153](#)
- [“GetBillingAgreementCustomerDetails Response Message” on page 153](#)

GetBillingAgreementCustomerDetails Request Message

GetBillingAgreementCustomerDetails Request Fields

| Field | Description |
|--------|---|
| METHOD | <i>(Required)</i> Must be GetBillingAgreementCustomerDetails. |
| TOKEN | <i>(Required)</i> The time-stamped token returned in the SetCustomerBillingAgreement response. NOTE: The token expires after three hours. Character length and limitations: 20 single-byte characters. |

GetBillingAgreementCustomerDetails Response Message

Payer Information Fields

| Field | Description |
|-------|--|
| EMAIL | Email address of payer. Character length and limitations: 127 single-byte characters. |

| Field | Description |
|---------------|---|
| PAYERID | Unique PayPal customer account identification number. Character length and limitations: 13 single-byte alphanumeric characters. |
| PAYERSTATUS | Status of payer. Valid values are: <ul style="list-style-type: none"> • verified • unverified Character length and limitations: 10 single-byte alphabetic characters. |
| COUNTRYCODE | Payer's country of residence in the form of ISO standard 3166 two-character country codes. Character length and limitations: Two single-byte characters. |
| PAYERBUSINESS | Payer's business name. Character length and limitations: 127 single-byte characters. |

PayerNameType Fields

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

Address Fields

| Field | Description |
|---------------|---|
| ADDRESSSTATUS | Status of street address on file with PayPal. Valid values are: <ul style="list-style-type: none"> • 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. |

| Field | Description |
|-------------------|---|
| 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. Character length and limitations: 40 single-byte characters. Required for U.S. addresses only. |
| SHIPTOZIP | U.S. zip code or other country-specific postal code. Character length and limitations: 20 single-byte characters. |
| SHIPTOCOUNTRYCODE | Country code. Character limit: Two single-byte characters. |

BAUpdate API Operation

Update or delete a billing agreement.

- [“BAUpdate Request Message” on page 155](#)
- [“BAUpdate Response Message” on page 156](#)

BAUpdate Request Message

BAUpdate Request Fields

| Field | Description |
|--------------------------------|---|
| METHOD | <i>(Required)</i> Must be BillAgreementUpdate. |
| REFERENCEID | <i>(Required)</i> An ID, such as a billing agreement ID or a reference transaction ID that is associated with a billing agreement. |
| BILLINGAGREEMENTSTATUS | <i>(Optional)</i> 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 | <i>(Optional)</i> Description of goods or services associated with the billing agreement, which 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, customer will be billed at “9.99 per month for 2 years”. Character length and limitations: 127 single-byte alphanumeric bytes. |

| Field | Description |
|---------------------------|---|
| L_BILLINGAGREEMENTCUSTOMn | <p>(Optional) Custom annotation field for your own use.</p> <p>NOTE: For recurring payments, this field is ignored.</p> <p>Character length and limitations: 256 single-byte alphanumeric bytes.</p> |

BAUpdate Response Message

BAUpdate Response Fields

| Field | Description |
|--------------------------------|---|
| L_BILLINGTYPEn | Type of billing agreement. |
| L_BILLINGAGREEMENTDESCRIPTIONn | <p>Description of goods or services associated with the billing agreement, which is required for each recurring payment billing agreement.</p> <p>Character length and limitations: 127 single-byte alphanumeric bytes.</p> |
| L_BILLINGAGREEMENTCUSTOMn | <p>Custom annotation field for your own use.</p> <p>Character length and limitations: 256 single-byte alphanumeric bytes.</p> |
| BILLINGAGREEMENTSTATUS | <p>(Optional) Use to cancel a billing agreement.</p> <p>To cancel a billing agreement, pass the value Canceled.</p> <p>NOTE: If you do not pass the value Canceled, BAUpdate returns the buyer's latest billing address.</p> |
| L_BILLINGAGREEMENTMAXn | <p>Maximum amount for this billing agreement.</p> <p>NOTE: This field only has a value if the customer signed up for PayPal using Preapproved Payments; it is included for backwards compatibility with legacy systems.</p> |

Payer Information Fields

| Field | Description |
|-------------|---|
| EMAIL | <p>Email address of payer.</p> <p>Character length and limitations: 127 single-byte characters.</p> |
| PAYERID | <p>Unique PayPal customer account identification number.</p> <p>Character length and limitations: 13 single-byte alphanumeric characters.</p> |
| PAYERSTATUS | <p>Status of payer. Valid values are:</p> <ul style="list-style-type: none"> • verified • unverified <p>Character length and limitations: 10 single-byte alphabetic characters.</p> |

| Field | Description |
|---------------|---|
| COUNTRYCODE | Payer's country of residence in the form of ISO standard 3166 two-character country codes. Character length and limitations: Two single-byte characters. |
| PAYERBUSINESS | Payer's business name. Character length and limitations: 127 single-byte characters. |

Payer Name Fields

| Field | Description |
|------------|--|
| SALUTATION | Payer's salutation. Character length and limitations: 20 single-byte characters. |
| FIRSTNAME | Payer's first name. Character length and limitations: 25 single-byte characters. |
| MIDDLENAME | Payer's middle name. Character length and limitations: 25 single-byte characters. |
| LASTNAME | Payer's last name. Character length and limitations: 25 single-byte characters. |
| SUFFIX | Payer'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. Character length and limitations: 40 single-byte characters. Required for U.S. addresses only. |
| ZIP | U.S. billing zip code or other country-specific postal code. Character length and limitations: 20 single-byte characters. |

| Field | Description |
|-------------|---|
| COUNTRYCODE | Billing country code. Character limit: Two single-byte characters. |

DoReferenceTransaction API Operation

Process a payment from a buyer's account, which is identified by a previous transaction.

- [“DoReferenceTransaction Request Message” on page 158](#)
- [“DoReferenceTransaction Response Message” on page 165](#)

DoReferenceTransaction Request Message

DoReferenceTransaction Request Fields

| Field | Description |
|------------------|---|
| METHOD | <i>(Required)</i> Must be DoReferenceTransaction. |
| REFERENCEID | <i>(Required)</i> A transaction ID from a previous purchase, such as a credit card charge using the DoDirectPayment API, or a billing agreement ID. |
| PAYMENTACTION | <i>(Optional)</i> How you want to obtain payment: <ul style="list-style-type: none"> • Authorization indicates that this payment is a basic authorization subject to settlement with PayPal Authorization & Capture. • Sale indicates that this is a final sale for which you are requesting payment. |
| RETURNFMFDETAILS | <i>(Optional)</i> Flag to indicate whether you want the results returned by Fraud Management Filters. By default, you do not receive this information. <ul style="list-style-type: none"> • 0 - do not receive FMF details (default) • 1 - receive FMF details |

| Field | Description |
|----------------|--|
| SOFTDESCRIPTOR | <p>(Optional) The soft descriptor is a per transaction description of the payment that is passed to the consumer's credit card statement.</p> <p>If a value for the soft descriptor field is provided, the full descriptor displayed on the customer's statement has the following format:</p> <pre><PP * PAYPAL *><Merchant descriptor as set in the Payment Receiving Preferences><1 space><soft descriptor></pre> <p>The soft descriptor can contain only the following characters:</p> <ul style="list-style-type: none"> • Alphanumeric characters • - (dash) • * (asterisk) • . (period) • {space} <p>If you use any other characters (such as “,”), an error code is returned. 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, either 4 or 8 characters are used by the PayPal prefix shown in the data format. Thus, the maximum length of the soft descriptor passed in the API request is:</p> $22 - \text{len}(\text{<PP * PAYPAL *>}) - \text{len}(\text{<Descriptor set in Payment Receiving Preferences>}) + 1$ <p>For example, assume the following conditions:</p> <ul style="list-style-type: none"> • The PayPal prefix toggle is set to PAYPAL * in PayPal's admin tools. • The merchant descriptor set in the Payment Receiving Preferences is set to EBAY. • The soft descriptor is passed in as JanesFlowerGifts LLC <p>The resulting descriptor string on the credit card would be:</p> <p>PAYPAL *EBAY JanesFlow</p> |

Ship To Address Fields

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

| Field | Description |
|----------------|--|
| 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. |
| SHIPTOPHONENUM | (Optional) Phone number. Character length and limit: 20 single-byte characters. |

Payment Details Fields

| Field | Description |
|--------------|--|
| AMT | <i>(Required)</i> The total cost of the transaction to the customer. 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; for example, when you set up a billing agreement for a recurring payment that is not immediately charged. Purchase-specific fields will be ignored. 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 (,). |
| CURRENCYCODE | (Optional) A three-character currency code. Default: USD. |
| ITEMAMT | (Optional) Sum of cost of all items in this order. NOTE: ITEMAMT is required if you specify L_AMTn. 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 (,). |
| 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: 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 |
|--------------|--|
| HANDLINGAMT | <p>(Optional) Total handling costs for this order.</p> <p>NOTE: If you specify a value for HANDLINGAMT, you must also specify a value for ITEMAMT.</p> <p>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.</p> |
| TAXAMT | <p>(Optional) Sum of tax for all items in this order.</p> <p>NOTE: TAXAMT is required if you specify L_TAXAMT/n</p> <p>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.</p> |
| DESC | <p>(Optional) Description of items the customer is purchasing.</p> <p>NOTE: The value you specify is only available 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.</p> <p>Character length and limitations: 127 single-byte alphanumeric characters</p> |
| CUSTOM | <p>(Optional) A free-form field for your own use.</p> <p>NOTE: The value you specify is only available 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.</p> <p>Character length and limitations: 256 single-byte alphanumeric characters</p> |
| INVNUM | <p>(Optional) Your own invoice or tracking number.</p> <p>NOTE: The value you specify is only available 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.</p> <p>Character length and limitations: 127 single-byte alphanumeric characters</p> |
| BUTTONSOURCE | <p>(Optional) An identification code for use by third-party applications to identify transactions.</p> <p>Character length and limitations: 32 single-byte alphanumeric characters</p> |
| NOTIFYURL | <p>(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.</p> <p>IMPORTANT: The notify URL only applies to DoExpressCheckoutPayment. This value is ignored when set in SetExpressCheckout or GetExpressCheckoutDetails.</p> <p>Character length and limitations: 2,048 single-byte alphanumeric characters</p> |

Payment Details Item Fields

| Field | Description |
|--------------------|---|
| L_ITEMCATEGORY n | <p>Is one of the following values. Introduced in Version 69.0.</p> <ul style="list-style-type: none"> • Digital • Physical <p>For digital goods, this field is required and must be set to Digital to get the best rates.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_ITEMCATEGORY0, L_ITEMCATEGORY1).</p> |
| L_NAME n | <p>Item name. This field is required when ItemCategory is passed.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_NAME0, L_NAME1).</p> <p>Character length and limitations: 127 single-byte characters</p> |
| L_DESC n | <p>(Optional) Item description.</p> <p>Character length and limitations: 127 single-byte characters</p> |
| L_AMT n | <p>Cost of item. This field is required when ItemCategory is passed.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_AMT0, L_AMT1).</p> <p>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.</p> <p>NOTE: If you specify a value for L_AMTn, you must specify a value for ITEMAMT.</p> |
| L_NUMBER n | <p>(Optional) Item number.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_NUMBER0, L_NUMBER1).</p> <p>Character length and limitations: 127 single-byte characters</p> |
| L_QTY n | <p>Item quantity. This field is required when ItemCategory is passed.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_QTY0, L_QTY1).</p> <p>Character length and limitations: Any positive integer</p> |
| L_TAXAMT n | <p>(Optional) Item sales tax.</p> <p>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.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_TAXAMT0, L_TAXAMT1).</p> |

Ebay Item Payment Details Item Fields

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

Reference Credit Card Details Fields

| Field | Description |
|----------------|---|
| CREDITCARDTYPE | <p>(Optional) Type of credit card.</p> <p>Character length and limitations: Up to ten single-byte alphabetic characters.</p> <p>Allowable values:</p> <ul style="list-style-type: none"> • Visa • MasterCard • Discover • Amex • Maestro: See note. • Solo: See note. <p>For UK, only Maestro, Solo, MasterCard, Discover, and Visa are allowable. For Canada, only MasterCard and Visa are allowable; Interac debit cards are not supported.</p> <p>NOTE: If the credit card type is Maestro or Solo, the CURRENCYCODE must be GBP. In addition, either STARTDATE or ISSUENUMBER must be specified.</p> |
| ACCT | <p>(Optional) Credit card number.</p> <p>Character length and limitations: numeric characters only. No spaces or punctuation. Must conform with modulo and length required by each credit card type.</p> |
| EXPDATE | <p>Credit card expiration date.</p> <p>This field is required if you are using recurring payments with direct payments.</p> <p>Format: MMYYYY</p> <p>Character length and limitations: Six single-byte alphanumeric characters, including leading zero.</p> |

| Field | Description |
|-------------|--|
| CVV2 | (Optional) Card Verification Value, version 2. Character length for Visa, MasterCard, and Discover: exactly three digits. Character length for American Express: exactly four digits. To comply with credit card processing regulations, you must not store this value after a transaction has been completed. |
| STARTDATE | (Optional) Month and year that Maestro or Solo card was issued, the MMYYYY format. Character length: Must be six digits, including leading zero. |
| ISSUENUMBER | (Optional) Issue number of Maestro or Solo card. Character length: two numeric digits maximum. |

Payer Information Fields

| Field | Description |
|-----------|--|
| EMAIL | (Optional) Email address of payer. Character length and limitations: 127 single-byte characters |
| FIRSTNAME | (Required) Payer's first name. Character length and limitations: 25 single-byte characters |
| LASTNAME | (Required) Payer'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: Two single-byte characters. |
| 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. See “AVS Response Codes” on page 265 for possible values. Character limit: One single-byte alphanumeric character |
| CVV2MATCH | Result of the CVV2 check by PayPal. |
| BILLINGAGREEMENTID | Returned if the value of ReferenceID in the request is a billing agreement identification number. |
| L_FMFfilterIDn | Filter ID, including the <i>filter</i> type (PENDING, REPORT, or DENY), the filter <i>ID</i> , and the entry number, <i>n</i> , starting from 0. Filter <i>ID</i> is one of the following values: <ul style="list-style-type: none"> • 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_FMFfilterNAMEn | Filter name, including the <i>filter</i> type (PENDING, REPORT, or DENY), the filter <i>NAME</i> , and the entry number, <i>n</i> , starting from 0. |

Payment Information Fields

| Field | Description |
|---------------|--|
| TRANSACTIONID | Unique transaction ID of the payment. Character length and limitations: 17 single-byte characters |

| Field | Description |
|---------------------|--|
| PARENTTRANSACTIONID | <ul style="list-style-type: none"> 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. <p>Character length and limits: 16 digits in xxxx-xxxx-xxxx-xxxx format</p> |
| RECEIPTID | <p>Receipt identification number</p> <p>Character length and limits: 16 digits in xxxx-xxxx-xxxx-xxxx format</p> |
| TRANSACTIONTYPE | <p>The type of transaction</p> <p>Valid values:</p> <ul style="list-style-type: none"> cart express-checkout <p>Character length and limitations: 15 single-byte characters</p> |
| PAYMENTTYPE | <p>Indicates whether the payment is instant or delayed.</p> <p>Character length and limitations: Seven single-byte characters</p> <p>Valid values:</p> <ul style="list-style-type: none"> none echeck instant |
| ORDERTIME | <p>Time/date stamp of payment. For example: 2006-08-15T17:23:15Z.</p> |
| AMT | <p>The final amount charged, including any shipping and taxes from your Merchant Profile.</p> <p>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.</p> |
| CURRENCYCODE | <p>A three-character currency code.</p> |
| FEEAMT | <p>PayPal fee amount charged for the transaction.</p> <p>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.</p> |
| SETTLEAMT | <p>Amount deposited in your PayPal account after a currency conversion.</p> |

| Field | Description |
|---------------|---|
| TAXAMT | <p>Tax charged on the transaction.</p> <p>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.</p> |
| EXCHANGERATE | <p>Exchange rate if a currency conversion occurred. Relevant only if you 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.</p> <p>Character length and limitations: a decimal that does not exceed 17 characters, including decimal point</p> |
| PAYMENTSTATUS | <p>Status of the payment.</p> <p>The status of the payment:</p> <ul style="list-style-type: none"> • 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 customer'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. |

| Field | Description |
|---------------|---|
| PENDINGREASON | <p>NOTE: PendingReason is returned in the response only if PaymentStatus is Pending.</p> <p>The reason the payment is pending:</p> <ul style="list-style-type: none"> • 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. |
| REASONCODE | <p>The reason for a reversal if TransactionType is reversal:</p> <ul style="list-style-type: none"> • none: No reason code • chargeback: A reversal has occurred on this transaction due to a chargeback by your customer. • guarantee: A reversal has occurred on this transaction due to your customer triggering a money-back guarantee. • buyer-complaint: A reversal has occurred on this transaction due to a complaint about the transaction from your customer. • refund: A reversal has occurred on this transaction because you have given the customer a refund. • other: A reversal has occurred on this transaction due to a reason not listed above. |

| Field | Description |
|---------------------------|---|
| PROTECTIONELIGIBILITY | <p>Prior to version 64.4, the kind of seller protection in force for the transaction, which is one of the following values:</p> <ul style="list-style-type: none">• Eligible – Seller is protected by PayPal's Seller Protection Policy for Unauthorized Payments and Item Not Received• PartiallyEligible – Seller is protected by PayPal's Seller Protection Policy for Item Not Received• Ineligible – Seller is not protected under the Seller Protection Policy |
| PROTECTIONELIGIBILITYTYPE | <p>Since version 64.4, the kind of seller protection in force for the transaction, which is one of the following values:</p> <ul style="list-style-type: none">• Eligible – Seller is protected by PayPal's Seller Protection Policy for both Unauthorized Payment and Item Not Received• ItemNotReceivedEligible – Seller is protected by PayPal's Seller Protection Policy for Item Not Received• UnauthorizedPaymentEligible – Seller is protected by PayPal's Seller Protection Policy for Unauthorized Payment• Ineligible – Seller is not protected under the Seller Protection Policy |

Issue a refund to the PayPal account holder associated with a transaction.

- [“RefundTransaction Request Message” on page 171](#)
- [“RefundTransaction Response Message” on page 172](#)

RefundTransaction Request Message

RefundTransaction Request Fields

| Field | Description |
|---------------|--|
| METHOD | <i>(Required)</i> Must be RefundTransaction. |
| TRANSACTIONID | <i>(Required)</i> Unique identifier of a transaction. Character length and limitations: 17 single-byte alphanumeric characters. |
| INVOICEID | <i>(Optional)</i> Your own invoice or tracking number. Character length and limitations: 127 single-byte alphanumeric characters |
| REFUNDTYPE | Type of refund you are making: <ul style="list-style-type: none">• Full - default• Partial |
| AMT | <i>(Optional)</i> Refund amount. Amount is required if RefundType is Partial. NOTE: If RefundType is Full, do not set the Amount. |
| CURRENCYCODE | A three-character currency code. This field is required for partial refunds. Do not use this field for full refunds. |
| NOTE | <i>(Optional)</i> Custom memo about the refund. Character length and limitations: 255 single-byte alphanumeric characters. |

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. |
| GROSSREFUNDAMT | Amount refunded to original payer. |
| NETREFUNDAMT | Amount subtracted from PayPal balance of original recipient of payment to make this refund. |
| TOTALREFUNDEDAMT | Total of all refunds associated with this transaction. This field is available since API version 67.0. |

14

TransactionSearch API Operation

Search transaction history for transactions that meet the specified criteria.

- [“TransactionSearch Request Message” on page 173](#)
- [“TransactionSearch Response Message” on page 175](#)

TransactionSearch Request Message

TransactionSearch Request Fields

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

| Field | Description |
|-------------------|---|
| ACCT | <p>(Optional) Search by credit card number, as set by you for the original transaction. This field searches the records for items sold by the merchant, not the items purchased.</p> <p>NOTE: No wildcards are allowed.</p> <p>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.</p> |
| AUCTIONITEMNUMBER | (Optional) Search by auction item number of the purchased goods. |
| TRANSACTIONCLASS | <p>(Optional) Search by classification of transaction.</p> <p>Some kinds of possible classes of transactions are not searchable with this field. You cannot search for bank transfer withdrawals, for example.</p> <ul style="list-style-type: none"> • 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 | <p>(Optional) Search by transaction amount.</p> <p>NOTE: You must set the currencyID attribute to one of the three-character currency codes for any of the supported PayPal currencies.</p> |
| CURRENCYCODE | (Optional) Search by currency code. |

| Field | Description |
|--------|---|
| STATUS | <p>(Optional) Search by transaction status:</p> <ul style="list-style-type: none">• 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 | <p>(Optional) Payer's salutation. Character length and limitations: 20 single-byte characters.</p> |
| FIRSTNAME | <p>(Optional) Payer's first name. Character length and limitations: 25 single-byte characters.</p> |
| MIDDLENAME | <p>(Optional) Payer's middle name. Character length and limitations: 25 single-byte characters.</p> |
| LASTNAME | <p>(Optional) Payer's last name Character length and limitations: 25 single-byte characters.</p> |
| SUFFIX | <p>(Optional) Payer's suffix Character length and limitations: 12 single-byte characters.</p> |

TransactionSearch Response Message

TransactionSearch Response Fields

| Field | Description |
|--------------|---|
| L_TIMESTAMPn | The date and time (in UTC/GMT format) the transaction occurred. |
| L_TIMEZONE | The time zone of the transaction. |
| L_TYPEn | The type of the transaction. |

| Field | Description |
|------------------|---|
| L_EMAILn | The email address of either the payer 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 customer. |
| L_NAMEn | Display name of the payer. |
| L_TRANSACTIONIDn | Seller’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” on page 178](#)
- [“Validation Errors” on page 179](#)
- [“DirectPayment API Errors” on page 183](#)
- [“SetExpressCheckout API Errors” on page 196](#)
- [“GetExpressCheckoutDetails API Errors” on page 210](#)
- [“DoExpressCheckoutPayment API Errors” on page 212](#)
- [“Authorization and Capture API Errors” on page 221](#)
- [“GetTransactionDetails API Errors” on page 225](#)
- [“TransactionSearch API Errors” on page 225](#)
- [“RefundTransaction API Errors” on page 227](#)
- [“MassPay API Errors” on page 230](#)
- [“Recurring Payments Errors” on page 232](#)
- [“SetCustomerBillingAgreement Errors” on page 240](#)
- [“GetBillingAgreementCustomerDetails Errors” on page 242](#)
- [“CreateBillingAgreement Errors” on page 242](#)
- [“UpdateBillingAgreement Errors” on page 244](#)
- [“DoReferenceTransaction Errors” on page 244](#)
- [“AddressVerify API Errors” on page 251](#)
- [“ManagePendingTransactionStatus API Errors” on page 251](#)

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 | |
| 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 |
| 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 |

| Error Code | Short Message | Long Message |
|------------|-------------------|--|
| 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 |
| 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 |

| Error Code | Short Message | Long Message |
|------------|-------------------|--|
| 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 |
| 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 |

| Error Code | Short Message | Long Message |
|------------|--|------------------------------------|
| 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. | |
| 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. |

| Error Code | Short Message | Long Message | Corrective Action |
|------------|-----------------------|---|---|
| 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. |
| 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. |

| Error Code | Short Message | Long Message | Corrective Action |
|------------|-----------------|---|---|
| 10525 | Invalid Data | This transaction cannot be processed. The amount to be charged is zero. | The merchant entered a 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. |
| 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. |

| Error Code | Short Message | Long Message | Corrective Action |
|------------|-----------------------|---|---|
| 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. |
| 10549 | 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 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 to decline transaction when the AVS returned a partial match. |

| Error Code | Short Message | Long Message | Corrective Action |
|------------|---|---|---|
| 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 to decline transaction when the AVS was 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. |
| 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 will tell you what 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 will tell you what field is invalid. |

| Error Code | Short Message | Long Message | Corrective Action |
|------------|---------------|--|---|
| 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what field is invalid. |

| Error Code | Short Message | Long Message | Corrective Action |
|------------|---------------|--|---|
| 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what field is invalid. |
| 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 will tell you what 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 will tell you what field is invalid. |

| Error Code | Short Message | Long Message | Corrective Action |
|------------|---------------|---|---|
| 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what field is invalid. |

| Error Code | Short Message | Long Message | Corrective Action |
|------------|-----------------|--|--|
| 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 will tell you what 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 tell you what field is invalid. |
| 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 will tell you what 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 will tell you what 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 will tell you what 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. |

| Error Code | Short Message | Long Message | Corrective Action |
|------------|--|---|---|
| 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. |
| 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 | |

| Error Code | Short Message | Long Message | Corrective Action |
|------------|--|--|---|
| 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 will deny 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. |
| 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. |

| Error Code | Short Message | Long Message | Corrective Action |
|------------|---------------|---|-------------------|
| 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. | |
| 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. | |

| 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 overall positive count. | |
| 10004 | Transaction refused because of an invalid argument. See additional error messages for details. | Invalid eBay buyer feedback overall negative count. | |
| 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. | |

| 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 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. | |
| 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 | |

| Error Code | Short Message | Long Message | Correcting This Error... |
|------------|--|--|--------------------------|
| 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. | |
| 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 customer to PayPal to approve the use of PayPal again. Display an error message to inform the customer 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 <code>SetExpressCheckout</code> request.) However, because you already know the final <code>OrderTotal</code> , be sure to update the value for that element if appropriate. You might also want to update the values for <code>ReturnURL</code> and <code>CancelURL</code> , if necessary. |
| 10412 | Duplicate invoice | Payment has already been made for this <code>InvoiceID</code> . | PayPal checks that <code>InvoiceID</code> values are unique for any particular merchant. If you send an <code>InvoiceID</code> 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 get this error, research why 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 get this error, be sure the total of the payment detail item parameters, such as <code>ItemTotal</code> , <code>HandlingTotal</code> , <code>TaxTotal</code> , and so forth add up to the 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. Handling this error If you determine that your customers are clicking your “Place Order” button twice, PayPal recommends that you disable the button after your customer 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 exceeded 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 <code>https://</code> . |
| 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 zero; you must specify a longer timeout | |
| | Line items missing | Line items are required when specify a callback URL for flat 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 difficulties the Multi Payments for Sale is not available 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 | |
| 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 | |

| Error Code | Short Message | Long Message | Correcting This Error... |
|------------|--|--|--------------------------|
| 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. | |
| 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. | |
| 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. | |

| 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 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. | |
| 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. | |

| 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. | |
| 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 get this error, be sure the total of the payment detail item parameters, such as ItemTotal, HandlingTotal, TaxTotal, and so forth add up to the 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. | |
| 10417 | Transaction cannot complete. | The transaction cannot complete successfully. Instruct the customer to use an alternative payment method. | Instruct the customer that PayPal is unable to process the payment and redisplay alternative payment methods with which the customer 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. |

| Error Code | Short Message | Long Message | Correcting This Error... |
|------------|--|---|--|
| 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 customer 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 customer 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. | |
| 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. | |

| Error Code | Short Message | Long Message | Correcting This Error... |
|------------|--|---|--|
| 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. | |
| 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 is displayed 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. | |

| Error Code | Short Message | Long Message | Correcting This Error... |
|------------|---|---|--------------------------|
| 10538 | Risk Control Max Amount Failure | The transaction was refused because the maximum amount was exceeded 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 | |
| 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. | |

| Error Code | Short Message | Long Message | Correcting This Error... |
|------------|---|---|---|
| | 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. | |
| 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. | |

| Error Code | Short Message | Long Message | Correcting This Error... |
|------------|--|---|--------------------------|
| 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 | |
| 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 difficulties the Multi Payments for Sale is not available now please try again later. | |
| 13111 | Mixed Payment action not supported | The Payment Action passed should be unique, mixed Payment Action not supported | |

| Error Code | Short Message | Long Message | Correcting This Error... |
|------------|--|--|--------------------------|
| 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 & 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 | | |
| 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. |

| Error Code | Short Message | Long Message | Returned By API Call... | Correcting This Error... |
|------------|---|--|---|---|
| 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. |
| 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. | Maximum 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. |

| Error Code | Short Message | Long Message | Returned By API Call... | Correcting This Error... |
|------------|--|---|---|---|
| 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 |
| 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. |

| Error Code | Short Message | Long Message | Returned By API Call... | Correcting This Error... |
|------------|--|---|---|--|
| 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. |
| 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 only be used 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 an 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 |

| Error Code | Short Message | Long Message |
|------------|--|---|
| 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 |
| 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 | 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. | The partial refund amount must be a positive amount | |
| 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 partial refund amount must be a positive amount | |
| 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. | Transaction class is not supported | |

| Error Code | Short Message | Long Message | Correcting This Error... |
|------------|--|--|--|
| 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 your not having yet verified the bank account associated with your PayPal account or your not having any bank account associated with your PayPal account at all. Ensure 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 | |
| 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 | |

| Error Code | Short Message | Long Message | Correcting This Error... |
|------------|--|--|--------------------------|
| 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 | You can not refund this type of transaction | |
| 10011 | Invalid transaction id value | Transaction refused because of an invalid transaction id value | |
| 11001 | Transaction refused because of an invalid argument. See additional error messages for details. | Transaction class is not supported | |
| 13513 | Duplicate request for specified Invoice ID. | The specified Invoice ID is a duplicate. | |

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 |
| 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 |

| Error Code | Short Message | Long Message |
|------------|--|--|
| 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 |
| 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 |

| Error Code | Short Message | Long Message |
|------------|---------------------------|--|
| 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 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. |
| 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. |

| Error Code | Short Message | Long Message | Additional Information |
|------------|------------------------------|---|---|
| 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. | |
| 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 will tell you what field is invalid. |

| Error Code | Short Message | Long Message | Additional Information |
|------------|-----------------------|--|--|
| 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 will tell you what 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 will tell you what 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 will tell you what 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 will tell you what 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 tell you what 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. |
| 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. | |

| Error Code | Short Message | Long Message | Additional Information |
|------------|--|--|---|
| 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. |
| 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 | |

| Error Code | Short Message | Long Message | Additional Information |
|------------|---|--|------------------------|
| 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 must 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 | |
| 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 | |

| Error Code | Short Message | Long Message | Additional Information |
|------------|--|--|------------------------|
| 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 | |
| 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. | |

| Error Code | Short Message | Long Message | Additional Information |
|------------|--|---|---|
| 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 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 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 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 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 | |

| Error Code | Short Message | Long Message | Additional Information |
|------------|--|---|--|
| 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 | |
| 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 | |

| Error Code | Short Message | Long Message | Additional Information |
|------------|--|---|--|
| 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 | | | 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 |
| 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 |

| Error Code | Short Message | Long Message | Additional Information |
|------------|--|---|--|
| 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 |
| 10429 | Transaction refused because of an invalid argument. See additional error messages for details. | Tax total is invalid. | TaxTotal 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. | 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 |
| 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 |

| Error Code | Short Message | Long Message | Additional Information |
|------------|---|--|--|
| 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 and Solo 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 |
| 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. |

| Error Code | Short Message | Long Message | Additional Information |
|------------|---|---|---|
| 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. | |
| 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. |
| 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 | |

| Error Code | Short Message | Long Message | Additional Information |
|------------|---|---|---|
| 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 |



Countries and Regions Supported by PayPal

PayPal uses 2-character ISO-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 |
| GUERNSEY | GG |
| 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 |
| JERSEY | JE |
| JORDAN | JO |
| KAZAKHSTAN | KZ |
| KIRIBATI | KI |
| KOREA, REPUBLIC OF | KR |
| KUWAIT | KW |

| Country or Region | Country or Region Code |
|---------------------------------|------------------------|
| KYRGYZSTAN | KG |
| LATVIA | LV |
| 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 |

| Country or Region | Country or Region Code |
|----------------------------------|------------------------|
| NIGER | NE |
| NIUE | NU |
| 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 |

| Country or Region | Country or Region Code |
|--|------------------------|
| SLOVENIA | SI |
| SOLOMON ISLANDS | SB |
| 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 |



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 |



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, Solo | 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 |



AVS and CVV2 Response Codes

- [“AVS Response Codes” on page 265](#)
- [“CVV2 Response Codes” on page 266](#)

AVS Response Codes

- [“AVS Response Codes for Visa, MasterCard, Discover, and American Express” on page 265](#)
- [“AVS Response Codes for Maestro and Solo” on page 266](#)

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

| AVS Code | Meaning | Matched Details |
|----------|--|---|
| A | Address | Address only (no ZIP) |
| B | International “A” | Address only (no ZIP) |
| 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 |
| 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 |

AVS and CVV2 Response Codes

CVV2 Response Codes

| AVS Code | Meaning | Matched Details |
|------------|-------------|----------------------------------|
| W | Whole ZIP | Nine-digit ZIP code (no Address) |
| 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 |

AVS Response Codes for Maestro and Solo

| 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 |

CVV2 Response Codes

- [“CVV2 Response Codes for Visa, MasterCard, Discover, and American Express” on page 266](#)
- [“CVV2 Response Codes for Maestro and Solo” on page 267](#)

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

| CVV2 Code | Meaning | Matched Details |
|-----------|----------|-----------------|
| M | Match | CVV2CSC |
| N | No match | None |

| CVV2 Code | Meaning | Matched Details |
|-----------|-----------------------|-----------------|
| 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 and Solo

| 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 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 <code>xs:string</code> 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 <code>xs:string</code> 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. |

| Field | Description |
|-------|---|
| TAXID | New field <code>xs:string</code> 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_ITEMCATEGORYm | New field Is one of the following values. Introduced in Version 69.0. <ul style="list-style-type: none">• Digital• Physical For digital goods, this field is required and must be set to Digital to get the best rates. These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_ITEMCATEGORY0, L_PAYMENTREQUEST_n_ITEMCATEGORY1). |
| L_PAYMENTREQUEST_n_NAMEm | New field Item name. Introduced in Version 69.0. This field is required when ItemCategory 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 |
| L_PAYMENTREQUEST_n_DESCm | New field (Optional) Item description. Introduced in Version 69.0. 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 |

| Field | Description |
|----------------------------|---|
| L_PAYMENTREQUEST_n_AMTm | <p>New field</p> <p>Cost of item. Introduced in Version 69.0. This field is required when ItemCategory is passed.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_AMT0, L_PAYMENTREQUEST_n_AMT1).</p> <p>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.</p> |
| L_PAYMENTREQUEST_n_NUMBERm | <p>New field</p> <p>(Optional) Item number. Introduced in Version 69.0.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_NUMBER0, L_PAYMENTREQUEST_n_NUMBER1).</p> |
| L_PAYMENTREQUEST_n_QTYm | <p>New field</p> <p>Item quantity. Introduced in Version 69.0. This field is required when ItemCategory is passed.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_QTY0, L_PAYMENTREQUEST_n_QTY1).</p> <p>Character length and limitations: Any positive integer</p> |
| L_PAYMENTREQUEST_n_TAXAMTm | <p>New field</p> <p>(Optional) Item sales tax. Introduced in Version 69.0.</p> <p>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.</p> <p>These parameters must be ordered sequentially beginning with 0 (for example L_PAYMENTREQUEST_n_TAXAMT0, L_PAYMENTREQUEST_n_TAXAMT1).</p> |

Changes to PaymentDetailsItemType in DoReferenceTransaction Request

PaymentDetailsItemType Fields

| Field | Description |
|-----------------|---|
| L_ITEMCATEGORYn | <p>New field</p> <p>Is one of the following values. Introduced in Version 69.0. For digital goods, this field is required and must be set to Digital to get the best rates.</p> <ul style="list-style-type: none"> • Digital • Physical <p>These parameters must be ordered sequentially beginning with 0 (for example L_ITEMCATEGORY0, L_ITEMCATEGORY1).</p> |

About Previous Versions of the API

What's New in Version 66

| Field | Description |
|-----------------|---|
| L_NAME <i>n</i> | Item name. This field is required when <code>ItemCategory</code> is passed. 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 <i>n</i> | Cost of item. This field is required when <code>ItemCategory</code> is passed. These parameters must be ordered sequentially beginning with 0 (for example L_AMT0, L_AMT1). 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. NOTE: If you specify a value for L_AMT <i>n</i> , you must specify a value for ITEMAMT. |
| L_QTY <i>n</i> | Item quantity. This field is required when <code>ItemCategory</code> is passed. 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_ <i>n</i> _ITEMAMT ITEMAMT (<i>deprecated</i>) | Sum of cost of all items in this order. For digital goods, this field is required. NOTE: PAYMENTREQUEST_ <i>n</i> _ITEMAMT is required if you specify L_PAYMENTREQUEST_ <i>n</i> _AMT <i>m</i> . ITEMAMT is deprecated since version 63.0. Use PAYMENTREQUEST_0_ITEMAMT instead. |
| PAYMENTREQUEST_ <i>n</i> _PAYMENT ACTION PAYMENTACTION (<i>deprecated</i>) | How you want to obtain payment. When implementing digital goods, this field is required and must be set to Sale. PAYMENTACTION is deprecated since version 63.0. Use PAYMENTREQUEST_0_PAYMENTACTION instead. |

Changes to PaymentDetailsItemType in SetExpressCheckout and DoExpressCheckoutPayment Requests

PaymentDetailsItemType Fields

| Field | Description |
|--|--|
| L_PAYMENTREQUEST_n_ITEMCATEGORYm | <p>New field</p> <p>Is one of the following values. This field is available since version 65.1. For digital goods this field is required and must be set to Digital.</p> <ul style="list-style-type: none"> • Digital • Physical |
| L_PAYMENTREQUEST_n_NAMEm L_NAME <i>n (deprecated)</i> | <p>Item name. For digital goods, this field is required.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> 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).</p> <p>Introduced in Version 53.0. Character length and limitations: 127 single-byte characters</p> <p>L_NAME<i>n</i> is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_NAME<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_n_DESCm L_DESC <i>n (deprecated)</i> | <p>Item description. For digital goods, this field is required.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> 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).</p> <p>Introduced in Version 53.0. Character length and limitations: 127 single-byte characters</p> <p>L_DESC<i>n</i> is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_DESC<i>m</i> instead.</p> |
| L_PAYMENTREQUEST_n_AMTm L_AMT <i>n (deprecated)</i> | <p>Cost of item. For digital goods, this field is required.</p> <p>You can specify up to 10 payments, where <i>n</i> is a digit between 0 and 9, inclusive, and <i>m</i> 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).</p> <p>Introduced in Version 53.0. 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.</p> <p>NOTE: If you specify a value for L_PAYMENTREQUEST_n_AMT<i>m</i>, you must specify a value for PAYMENTREQUEST_n_ITEMAMT.</p> <p>L_AMT<i>n</i> is deprecated since version 63.0. Use L_PAYMENTREQUEST_0_AMT<i>m</i> instead.</p> |

About Previous Versions of the API

What's New in Version 66

| Field | Description |
|---|---|
| <code>L_PAYMENTREQUEST_n_QTYm</code> <code>L_QTYn</code> (<i>deprecated</i>) | <p>Item quantity. For digital goods, this field is required.</p> <p>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 <code>L_PAYMENTREQUEST_n_QTY0</code>, <code>L_PAYMENTREQUEST_n_QTY1</code>).</p> <p>Introduced in Version 53.0. Character length and limitations: Any positive integer</p> <p><code>L_QTYn</code> is deprecated since version 63.0. Use <code>L_PAYMENTREQUEST_0_QTYm</code> instead.</p> |

Changes to PaymentDetailsItemType in GetExpressCheckoutDetails Response

| Field | Description |
|---|---|
| <code>L_PAYMENTREQUEST_n_ITEMCATEGORYm</code> | <p>New field</p> <p>Is one of the following values. This field is available since version 65.1. For digital goods this field is required and must be set to Digital.</p> <ul style="list-style-type: none">• Digital• Physical |



Revision History

| Date | Description |
|-------------------|--|
| 24 May 2011 | Updated for 74.0. Added new fields to the ExpressCheckout API for passing in tax information about the buyer. The fields are required and used only for Brazil. Updated the country codes. Described idempotency as a new feature of DoExpressCheckoutPayment as of version 74.0. The functionality does not impact earlier API versions, and the caller can opt out by contacting PayPal. |
| 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 Immediate 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 <i>Express Checkout Integration Guide</i> . |
| April 2008 | Added Fraud Management Filters information. Changed recurring payments information. |
| February 2008 | Added that the VERSION parameter must be 50.0 in the API call to use recurring payments. |
| January 2008 | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> 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. |

Index

Numerics

3-D Secure request fields 41
3D Secure response fields 43

A

ACCT request field 36, 46, 131, 148, 163, 174
ACCT response field 140
ACK parameter values 21
ACTION request field 121, 142
Activation Details request fields 129
ADDITIONALBILLINGCYCLES request field 145
Address request fields 37, 47, 132, 149, 164
Address response fields 115, 141
Address Verify request fields 23
Address Verify response fields 24
ADDRESSOWNER response field 115, 141
ADDRESSSTATUS response field 75, 115, 136, 141, 154
AddressVerify API operation 23
AddressVerify request message 23
AddressVerify response message 24
ADDROVERRIDE request field 55
AGGREGATEAMOUNT response field 135
AGGREGATEOPTIONALAMOUNT response field 135
ALLOWEDPAYMENTMETHOD request field 63, 90
ALLOWEDPAYMENTMETHOD response field 79
ALLOWNOTE request field 55
ALLOWPUSHFUNDING request field 69
American Express AVS response codes 265
American Express CVV2 response codes 266
AMT request field 25, 27, 30, 37, 45, 53, 60, 86, 128, 143, 145, 147, 160, 171
AMT response field 28, 42, 76, 100, 116, 120, 138, 166
API certificate security 22
API credentials 16
API parameters 20
API signature security 22
Auction Information response fields 120
AUCTIONITEMNUMBER request field 174

AUD 263, 264
Australian Dollar 263, 264
Authorization Type response fields 28, 31
AUTHORIZATIONID request field 25, 30, 33
AUTHORIZATIONID response field 27, 30, 33
AUTHSTATUS3DS request field 41
AUTOBILLAMT request field 127
AUTOBILLOUTAMT request field 145
AUTOBILLOUTAMT response field 135
AVS and CVV2 response codes 265
AVS response codes 265
AVSCODE response field 42, 165

B

BA Update request fields 155
BA Update response fields 156
BANKTXNPENDINGURL request field 57
basic implementation steps 16
BAUpdate API operation 155
BAUpdate request message 155
BAUpdate response message 156
Bill Outstanding Amount request fields 143
Bill Outstanding Amount response fields 144
Billing Period Details request fields 127, 146
Billing Period Details response fields 137
BILLINGAGREEMENTID response field 165
BILLINGAGREEMENTSTATUS request field 155
BILLINGAGREEMENTSTATUS response field 156
BILLINGFREQUENCY request field 127
BILLINGFREQUENCY response field 137
BILLINGPERIOD request field 127
BILLINGPERIOD response field 137
BILLINGTYPE request field 70, 152
BillOutstanding API operation 143
BillOutstandingAmount request message 143
BillOutstandingAmount response message 144
BRANDNAME request field 57
Brazilian Real 263
BRL 263
BUSINESS request field 131

BUSINESS response field 73
 BUTTONSOURCE request field 39, 86, 161
 Buyer Details request fields 69
 BUYEREMAILOPTINENABLE request field 58
 BUYERID request field 69
 BUYERID response field 120
 BUYERMARKETINGEMAIL request field 86
 BUYERMARKETINGEMAIL response field 73
 BUYERREGISTRATIONDATE request field 69
 BUYERUSERNAME request field 69

C

CAD 263, 264
 Callback API operation 49
 CALLBACK request field 54
 Callback request fields 49
 Callback request message 49
 Callback response fields 51
 Callback response message 51
 CALLBACKTIMEOUT request field 54
 CALLBACKVERSION request field 58
 Canadian Dollar 263, 264
 CANCELURL request field 54, 150
 CAVV request field 41
 CHANNELTYPE request field 57
 CHECKOUTSTATUS response field 72
 CHF 263, 264
 CITY request field 37, 47, 132, 149, 164
 CLOSINGDATE response field 120
 COMPLETETYPE request field 26
 CONFIRMATIONCODE response field 24
 COUNTRYCODE 114, 154, 157
 COUNTRYCODE request field 37, 48, 131, 132, 149, 164
 COUNTRYCODE response field 24, 73
 Create Recurring Payments Profile request fields 126
 Create Recurring Payments Profile response fields 134
 CreateRecurringPaymentsProfile API operation 125
 CreateRecurringPaymentsProfile request message 126
 CreateRecurringPaymentsProfile response message 134
 Credit Card Details request fields 36, 46, 130, 148, 163
 Credit Card Details response fields 140
 CREDITCARDTYPE request field 36, 46, 130, 148, 163
 CREDITCARDTYPE response field 140

currency codes 263, 264
 CURRENCYCODE request field 25, 27, 30, 38, 46, 49, 51, 60, 86, 123, 128, 147, 160, 171, 174
 CURRENCYCODE response field 48, 76, 100, 116, 139, 166
 CUSTOM request field 38, 62, 89, 161
 CUSTOM response field 72, 78, 119
 CUSTOMERSERVICENUMBER request field 57
 CVV2 request field 36, 46, 131, 148, 164
 CVV2 response codes 266
 CVV2MATCH response field 42, 165
 Czech Koruna 263, 264
 CZK 263, 264

D

Danish Krone 263, 264
 deploying your application 17
 account set up 17
 API credentials, set up 17
 code modification 18
 DESC request field 38, 62, 88, 126, 145, 161
 DESC response field 77, 135
 direct integration 15
 Discover AVS response codes 265
 Discover CVV2 response codes 266
 DKK 263, 264
 Do Authorization request fields 27
 Do Authorization response fields 28
 Do Capture request fields 25
 Do Capture response fields 27
 Do Direct Payment request field 35
 Do Direct Payment response fields 42
 Do ExpressCheckout Payment request fields 85
 Do ExpressCheckout Payment response fields 98
 Do NonReferenced Credit request fields 45
 Do NonReferenced Credit response fields 48
 Do Reauthorization request fields 30
 Do Reauthorization response fields 30
 Do Reference Transaction request fields 158
 Do Reference Transaction response fields 165
 Do Void request fields 33
 Do Void response fields 33
 DoAuthorization API operation 27
 DoAuthorization request message 27
 DoAuthorization response message 28
 DoCapture API operation 25

DoCapture request message 25
 DoCapture response message 27
 DoDirectPayment API operation 35
 DoDirectPayment request message 35
 DoDirectPayment response message 42
 DoExpressCheckoutPayment API operation 84
 DoExpressCheckoutPayment request message 85
 DoExpressCheckoutPayment response message 98
 DoNonReferencedCredit API operation 45
 DoNonReferencedCredit request message 45
 DoNonReferencedCredit response message 48
 DoReauthorization API operation 30
 DoReauthorization request message 30
 DoReauthorization response message 30
 DoReferenceTransaction API operation 158
 DoReferenceTransaction request message 158
 DoReferenceTransaction response message 165
 DoVoid API operation 33
 DoVoid request message 33
 DoVoid response message 33

E

Ebay Item Payment Details Item request fields 40, 68, 96, 163
 Ebay Item Payment Details Item response fields 82
 EBAYITEMAUCTIONTXNID response field 105
 EBAYITEMAUCTIONTXNIDn response field 82
 EBAYITEMCARTIDn response field 82
 EBAYITEMNUMBERn response field 82
 EBAYITEMORDERIDn response field 82
 EC13DS request field 41
 ECISUBMITTED3DS response field 43
 EMAIL request field 23, 36, 47, 56, 131, 148, 164, 173
 EMAIL response field 73, 114, 141, 153, 156
 EMAILSUBJECT request field 123
 ENDDATE request field 173
 error codes 177
 error responses 21
 EUR 263, 264
 Euro 263, 264
 EXCHANGERATE response field 101, 117, 167
 EXPDATE request field 36, 46, 131, 148, 163
 EXPDATE response field 140

F

FAILEDINITAMTACTION request field 129
 FAILEDPAYMENTCOUNT response field 140
 FEEAMT response field 100, 117, 166
 FEEREFUNDAMT response field 172
 FINALPAYMENTDUE DATE response field 135
 FIRSTNAME request field 37, 47, 132, 149, 164, 175
 FIRSTNAME response field 141
 FIRSTNAME response field 73, 114, 154, 157
 Forint 263, 264
 Funding Source Details request fields 69

G

GBP 263, 264
 Get Balance request fields 109
 Get Balance response fields 109
 Get Billing Agreement Customer Details request fields 153
 Get ExpressCheckout Details request fields 71
 Get ExpressCheckout Details response fields 71
 Get Pal Details request fields 111
 Get Pal Details response fields 111
 Get Recurring Payments Profile Details request fields 134
 Get Recurring Payments Profile Details response fields 135
 Get Transaction Details request fields 113
 GetBalance API operation 109
 GetBalance request message 109
 GetBalance response message 109
 GetBillingAgreementCustomerDetails API operation 153
 GetBillingAgreementCustomerDetails request message 153
 GetBillingAgreementCustomerDetails response message 153
 GetExpressCheckoutDetails API operation 71
 GetExpressCheckoutDetails request message 71
 GetExpressCheckoutDetails response message 71
 GetPalDetails API operation 111
 GetPalDetails request message 111
 GetPalDetails response message 111
 GetRecurringPaymentsProfileDetails API operation 134
 GetRecurringPaymentsProfileDetails request message 134

GetRecurringPaymentsProfileDetails response message 135
 GetTransactionDetails API operation 113
 GetTransactionDetails request message 113
 GetTransactionDetails response message 113
 GIFTMESSAGE request field 85
 GIFTMESSAGE response field 72
 GIFTMESSAGEENABLE request field 57
 GIFTRECEIPTENABLE request field 57, 85
 GIFTRECEIPTENABLE response field 72
 GIFTWRAPAMOUNT request field 57, 85
 GIFTWRAPAMOUNT response field 73
 GIFTWRAPENABLE request field 57
 GIFTWRAPNAME request field 57, 85
 GIFTWRAPNAME response field 72
 GIROPAYCANCELURL request field 57
 GIROPAYSUCCESSURL request field 57
 GROSSREFUNDAMT response field 172

H

HANDLINGAMT request field 38, 61, 88, 161
 HANDLINGAMT response field 77
 HDRBACKCOLOR request field 56, 151
 HDRBORDERCOLOR request field 56, 151
 HDRIMG request field 55, 151
 HKD 263
 Hong Kong Dollar 263
 HTTPS posting 22
 HUF 263, 264
 Hungarian Forint 263, 264

I

ILS 263
 implementation steps 16
 create a web application 16
 create and post request 16
 get API credentials 16
 interpret response 17
 INITAMT request field 129
 INSURANCEAMT request field 61, 87
 INSURANCEOPTIONOFFERED request field 61, 88
 INSURANCEOPTIONOFFERED response field 77
 INSURANCEOPTIONSELECTED request field 97
 INSURANCEOPTIONSELECTED response field 83, 106

integrating with NVP API 15
 introduction 15
 INVNUM request field 26, 39, 62, 161, 171, 173
 INVNUM response field 72, 78, 119
 IPADDRESS request field 35
 Israeli Sheqel 263
 ISSUENUMBER request field 36, 46, 131, 148, 164
 ISSUENUMBER response field 140
 ITE MAMT request field 38
 ITEMAMT request field 60, 87, 160, 272
 ITEMAMT response field 76
 ItemCategory request field 67, 96, 133
 ItemCategory response field 82

J

Japanese Yen 263, 264
 JPY 263, 264

K

Koruna 263, 264
 Krona 263, 264
 Krone 263, 264

L

L_AMT request field 39, 162, 272
 L_AMTn request field 50, 65, 93, 273
 L_AMTn response field 80, 109, 120, 176
 L_BILLINGAGREEMENTCUSTOMn request field 70, 152, 156
 L_BILLINGAGREEMENTCUSTOMn response field 156
 L_BILLINGAGREEMENTDESCRIPTIONn request field 70, 152, 155
 L_BILLINGAGREEMENTDESCRIPTIONn response field 156
 L_BILLINGAGREEMENTMAXn response field 156
 L_BILLINGTYPEEn request field 70, 152
 L_BILLINGTYPEEn response field 156
 L_CURRENCYCODEn response field 109
 L_DESCn request field 39, 50, 65, 93, 162, 273
 L_DESCn response field 79, 119
 L_EBAYITEMAUCTIONTXNIDn request field 40, 68, 96, 163
 L_EBAYITEMCARTIDn request field 68, 97

- L_EBAYITEMNUMBERn request field 40, 68, 96, 163
- L_EBAYITEMORDERIDn request field 40, 68, 96, 163
- L_EMAILn response field 176
- L_FEEAMTn response field 176
- L_FMFfilterIDn response field 42, 99, 105, 165
- L_FMFfilterNAMEn response field 105
- L_FMFfilterNAMEn response field 42, 99, 165
- L_INSURANCEAMOUNT response field 52
- L_ITEMCATEGORYn 162, 271
- L_ITEMHEIGHTUNITn request field 50, 67, 95
- L_ITEMHEIGHTUNITn response field 81
- L_ITEMHEIGHTVALUEn request field 50, 67, 95
- L_ITEMHEIGHTVALUEn response field 81
- L_ITEMLENGHTUNITn request field 66, 95
- L_ITEMLENGTHUNITn request field 51
- L_ITEMLENGTHUNITn response field 81
- L_ITEMLENGTHVALUEn request field 51, 66, 95
- L_ITEMLENGTHVALUEn response field 81
- L_ITEMURLn request field 67, 95
- L_ITEMWEIGHTUNITn request field 50, 66, 94
- L_ITEMWEIGHTUNITn response field 81
- L_ITEMWEIGHTVALUEn request field 50, 66, 94
- L_ITEMWEIGHTVALUEn response field 81
- L_ITEMWIDTHUNITn request field 51, 67, 95
- L_ITEMWIDTHUNITn response field 81
- L_ITEMWIDTHVALUEn request field 51, 67, 95
- L_ITEMWIDTHVALUEn response field 81
- L_NAMEn request field 39, 50, 64, 93, 162, 272, 273
- L_NAMEn response field 79, 176
- L_NETAMTn response field 176
- L_NUMBER request field 39, 162
- L_NUMBERn request field 50, 65, 94
- L_NUMBERn response field 80, 120
- L_OPTIONSNAMEn response field 120
- L_OPTIONSVALUEn response field 120
- L_PAYMENTINFO_n_FMFfilterIDm response field 105
- L_PAYMENTINFO_n_FMFfilterNAMEm response field 105
- L_PAYMENTREQUEST_n_ITEMWEIGHTVALUEm response field 81
- L_PAYMENTREQUEST_n_EBAYITEMAUCTIONTXNIDm request field 68, 96
- L_PAYMENTREQUEST_n_AMTm request field 65, 93, 133, 271, 273
- L_PAYMENTREQUEST_n_DESCm request field 65, 93, 133, 270, 273
- L_PAYMENTREQUEST_n_DESCm response field 79
- L_PAYMENTREQUEST_n_EBAYCARTIDm request field 68, 97
- L_PAYMENTREQUEST_n_EBAYITEMAUCTIONTXNIDm response field 82
- L_PAYMENTREQUEST_n_EBAYITEMCARTIDm response field 82
- L_PAYMENTREQUEST_n_EBAYITEMNUMBERm request field 68, 96
- L_PAYMENTREQUEST_n_EBAYITEMNUMBERm response field 82
- L_PAYMENTREQUEST_n_EBAYITEMORDERIDm request field 68, 96
- L_PAYMENTREQUEST_n_EBAYITEMORDERIDm response field 82
- L_PAYMENTREQUEST_n_ITEMCATEGORYm request field 67, 96, 133, 270
- L_PAYMENTREQUEST_n_ITEMCATEGORYm response field 82
- L_PAYMENTREQUEST_n_ITEMHEIGHTUNITm request field 67, 95
- L_PAYMENTREQUEST_n_ITEMHEIGHTUNITm response field 81
- L_PAYMENTREQUEST_n_ITEMHEIGHTVALUEm request field 67, 95
- L_PAYMENTREQUEST_n_ITEMHEIGHTVALUEm response field 81
- L_PAYMENTREQUEST_n_ITEMLENGTHUNITm request field 66, 95
- L_PAYMENTREQUEST_n_ITEMLENGTHUNITm response field 81
- L_PAYMENTREQUEST_n_ITEMLENGTHVALUEm request field 66, 95
- L_PAYMENTREQUEST_n_ITEMLENGTHVALUEm response field 81
- L_PAYMENTREQUEST_n_ITEMURLm request field 67, 95
- L_PAYMENTREQUEST_n_ITEMWEIGHTUNITm request field 66, 94
- L_PAYMENTREQUEST_n_ITEMWEIGHTUNITm response field 81
- L_PAYMENTREQUEST_n_ITEMWEIGHTVALUEm request field 66, 94
- L_PAYMENTREQUEST_n_ITEMWIDTHUNITm request field 67, 95
- L_PAYMENTREQUEST_n_ITEMWIDTHUNITm response field 81

L_PAYMENTREQUEST_n_ITEMWIDTHVALUEm request field 67, 95
 L_PAYMENTREQUEST_n_ITEMWIDTHVALUEm response field 81
 L_PAYMENTREQUEST_n_NAMEm request field 64, 93, 133, 270, 273
 L_PAYMENTREQUEST_n_NAMEm response field 79
 L_PAYMENTREQUEST_n_NUMBERm response field 80
 L_PAYMENTREQUEST_n_NUMBERm request field 65, 94, 133, 271
 L_PAYMENTREQUEST_n_QTYm request field 65, 94, 133, 271, 274
 L_PAYMENTREQUEST_n_QTYm response field 80
 L_PAYMENTREQUEST_n_TAXAMTm request field 66, 80, 94, 133, 271
 L_PAYMENTTYPEEn request field 70, 152
 L_QTY request field 40, 162, 272
 L_QTYn request field 50, 65, 94, 274
 L_QTYn response field 80, 120
 L_SHIPPINGOPTIONAMOUNT response field 52
 L_SHIPPINGOPTIONAMOUNTn request field 69
 L_SHIPPINGOPTIONISDEFAULT response field 52
 L_SHIPPINGOPTIONISDEFAULTn request field 69
 L_SHIPPINGOPTIONLABEL response field 52
 L_SHIPPINGOPTIONNAME response field 52
 L_SHIPPINGOPTIONNAMEEn request field 69
 L_STATUSn response field 176
 L_SURVEYCHOICEEn request field 58
 L_TAXAMT request field 40
 L_TAXAMT request field 162
 L_TAXAMT response field 52
 L_TAXAMTn request field 66, 80, 94
 L_TIMESTAMPn response field 175
 L_TIMEZONEEn response field 175
 L_TRANSACTIONIDn response field 176
 L_TYPEEn response field 175
 LANDINGPAGE request field 57
 LASTNAME request field 37, 47, 132, 149, 164, 175
 LASTNAME response field 74, 115, 141, 154, 157
 LASTPAYMENTAMT response field 140
 LASTPAYMENTDATE response field 140
 LOCALE response field 112
 LOCALECODE request field 50, 55, 151

M

Maestro AVS response codes 266
 Maestro CVV2 response codes 267
 Malaysian Ringgit 263
 Manage Pending Transaction Status request fields 121
 Manage Pending Transaction Status response fields 121
 Manage Recurring Payments Profile Status request fields 142
 Manage Recurring Payments Profile Status response fields 143
 ManagePendingTransactionStatus API operation 121
 ManagePendingTransactionStatus request message 121
 ManagePendingTransactionStatus response message 121
 ManageRecurringPaymentsProfileStatus API operation 142
 ManageRecurringPaymentsProfileStatus request message 142
 ManageRecurringPaymentsProfileStatus response message 143
 Mass Payment request fields 123
 MassPay API operation 123
 MassPay request message 123
 MassPay response fields 123
 MassPay response message 123
 MasterCard AVS response codes 265
 MasterCard CVV2 response codes 266
 MAXAMT request field 53
 MAXFAILEDPAYMENTS request field 127, 146
 MAXFAILEDPAYMENTS response field 135
 METHOD request field 23, 25, 27, 30, 33, 35, 45, 49, 53, 71, 85, 109, 111, 113, 121, 123, 126, 134, 142, 143, 144, 150, 152, 153, 155, 158, 171, 173
 METHOD response field 51
 Mexican Peso 263
 MIDDLENAME request field 47, 132, 175
 MIDDLENAME response field 73, 114, 154, 157
 MPIVENDOR3DS request field 41
 MULTIITEM response field 120
 MXN 263
 MYR 263

N

NETAMT request field 45
 NETREFUNDAMT response field 172
 New Zealand Dollar 263, 264

NEXTBILLINGDATE response field 139
 NO_SHIPPING_OPTION_DETAILS response field 52
 NOK 263, 264
 Norwegian Krone 263, 264
 NOSHIPPING request field 54
 NOTE request field 26, 33, 45, 142, 144
 NOTE response field 72, 98, 119
 NOTETEXT request field 63, 89
 NOTETEXT response field 78
 NOTIFY URL request field 89
 NOTIFYURL request field 39, 63, 161
 NOTIFYURL response field 78
 NUMCYCLESREMAINING response field 139
 NUMCYCLESCOMPLETED response field 139
 NVP API overview 15
 NVP format 18
 NZD 263, 264

O

OFFERINSURANCEOPTION response field 51, 52
 ORDERTIME response field 100, 116, 166
 OUTSTANDINGAMT request field 145
 OUTSTANDINGBALANCE response field 139

P

PAGESTYLE request field 55, 151
 PAL response field 111
 PARENTTRANSACTIONID response field 116, 166
 Payer Information request fields 36, 47, 131, 148, 164
 Payer Information response fields 73, 114, 141, 153, 156
 Payer Name request fields 47, 132, 175
 Payer Name response fields 73, 114, 154, 157
 PAYERBUSINESS response field 114, 154, 157
 PAYERID request field 131
 PAYERID request field 85
 PAYERID response field 73, 114, 154, 156
 PAYERSTATUS request field 131
 PAYERSTATUS response field 73, 114, 154, 156
 PAYFLOWCOLOR request field 56, 151
 PAYMENREQUEST_n_INSURANCEOPTIONOFFERED response field 77
 Payment Details Item request fields 39, 64, 93, 133, 162, 270, 272, 273
 Payment Details Item response fields 79
 Payment Details request fields 37, 60, 86, 160
 Payment Details response fields 76
 Payment Error Type response fields 84, 106
 Payment Information response fields 99, 116, 165
 Payment Item Information response fields 119
 Payment Request Info Type response fields 83
 PAYMENTACTION request field 56
 PAYMENTACTION request field 35, 64, 85, 91, 158, 272
 PAYMENTINFO_n_AMT response field 100
 PAYMENTINFO_n_CURRENCYCODE response field 100
 PAYMENTINFO_n_EBAYITEMAUCTIONTXNID response field 105
 PAYMENTINFO_n_EXCHANGERATE response field 101
 PAYMENTINFO_n_FEEAMT response field 100
 PAYMENTINFO_n_HOLDDECISION response field 104
 PAYMENTINFO_n_ORDERTIME response field 100
 PAYMENTINFO_n_PAYMENTSTATUS response field 102
 PAYMENTINFO_n_PAYMENTTYPE response field 100
 PAYMENTINFO_n_PENDINGREASON response field 103
 PAYMENTINFO_n_PROTECTIONELIGIBILITY response field 104
 PAYMENTINFO_n_PROTECTIONELIGIBILITYTYPE response field 104
 PAYMENTINFO_n_REASONCODE response field 104
 PAYMENTINFO_n_TAXAMT response field 101
 PAYMENTINFO_n_TRANSACTIONID response field 99, 101
 PAYMENTINFO_n_TRANSACTIONTYPE response field 100
 PaymentItemType response fields 119
 PaymentPeriod.Amount request field 129
 PAYMENTREQUEST_n_ACK response field 84, 106
 PAYMENTREQUEST_n_ADDRESSSTATUS response field 75
 PAYMENTREQUEST_n_ALLOWEDPAYMENTMETHOD request field 90
 PAYMENTREQUEST_n_ALLOWEDPAYMENTMETHOD request field 63
 PAYMENTREQUEST_n_ALLOWEDPAYMENTMETHOD response field 79

- PAYMENTREQUEST_n_AMT request field 60, 86
- PAYMENTREQUEST_n_AMT response field 76
- PAYMENTREQUEST_n_CURRENCYCODE request field 60, 86
- PAYMENTREQUEST_n_CURRENCYCODE response field 76
- PAYMENTREQUEST_n_CUSTOM request field 62, 89
- PAYMENTREQUEST_n_CUSTOM response field 78
- PAYMENTREQUEST_n_DESC request field 62, 88
- PAYMENTREQUEST_n_DESC response field 77
- PAYMENTREQUEST_n_ERRORCODE response field 84, 106
- PAYMENTREQUEST_n_HANDLINGAMT request field 61
- PAYMENTREQUEST_n_HANDLINGAMT response field 77
- PAYMENTREQUEST_n_INSURANCEAMT request field 61, 87
- PAYMENTREQUEST_n_INSURANCEOPTIONOFFERED request field 61, 88
- PAYMENTREQUEST_n_INVNUM request field 62, 89
- PAYMENTREQUEST_n_INVNUM response field 78
- PAYMENTREQUEST_n_ITEMAMT request field 60, 87, 272
- PAYMENTREQUEST_n_ITEMAMT response field 76
- PAYMENTREQUEST_n_LONGMESSAGE response field 84, 106
- PAYMENTREQUEST_n_NOTETEXT request field 63, 89
- PAYMENTREQUEST_n_NOTETEXT response field 78
- PAYMENTREQUEST_n_NOTIFYURL request field 63, 89
- PAYMENTREQUEST_n_NOTIFYURL response field 78
- PAYMENTREQUEST_n_PAYMENTACTION request field 64, 272
- PAYMENTREQUEST_n_PAYMENTREQUESTID request field 64, 91
- PAYMENTREQUEST_n_PAYMENTREQUESTID response field 79, 83, 105
- PAYMENTREQUEST_n_SECUREMERCHANTACCOUNTID response field 107
- PAYMENTREQUEST_n_SELLERID request field 97
- PAYMENTREQUEST_n_SELLERPAYPALACCOUNTID response field 83, 107
- PAYMENTREQUEST_n_SELLERREGISTRATIONDATE request field 98
- PAYMENTREQUEST_n_SELLERUSERNAME request field 97
- PAYMENTREQUEST_n_SEVERITYCODE response field 84, 106
- PAYMENTREQUEST_n_SHIPDISCAMT request field 61, 87
- PAYMENTREQUEST_n_SHIPPINGAMT request field 60, 87
- PAYMENTREQUEST_n_SHIPPINGAMT response field 76
- PAYMENTREQUEST_n_SHIPTOCITY request field 59, 92
- PAYMENTREQUEST_n_SHIPTOCITY response field 74
- PAYMENTREQUEST_n_SHIPTOCOUNTRY request field 59, 92
- PAYMENTREQUEST_n_SHIPTOCOUNTRY response field 75
- PAYMENTREQUEST_n_SHIPTONAME request field 58, 91
- PAYMENTREQUEST_n_SHIPTONAME response field 74
- PAYMENTREQUEST_n_SHIPTOPHONENUM request field 59, 93
- PAYMENTREQUEST_n_SHIPTOPHONENUM response field 75
- PAYMENTREQUEST_n_SHIPTOSTATE request field 59, 92
- PAYMENTREQUEST_n_SHIPTOSTATE response field 74
- PAYMENTREQUEST_n_SHIPTOSTREET request field 58, 92
- PAYMENTREQUEST_n_SHIPTOSTREET response field 74
- PAYMENTREQUEST_n_SHIPTOSTREET2 request field 58, 92
- PAYMENTREQUEST_n_SHIPTOSTREET2 response field 74
- PAYMENTREQUEST_n_SHIPTOZIP request field 59, 92
- PAYMENTREQUEST_n_SHIPTOZIP response field 75
- PAYMENTREQUEST_n_SHORTMESSAGE response field 84, 106
- PAYMENTREQUEST_n_SOFTDESCRIPTOR request field 90
- PAYMENTREQUEST_n_TAXAMT request field 62, 88
- PAYMENTREQUEST_n_TAXAMT response field 77

PAYMENTREQUEST_n_TRANSACTIONID request field 63
 PAYMENTREQUEST_n_TRANSACTIONID response field 79, 83
 PAYMENTREQUESTID request field 64, 91
 PAYMENTREQUESTID response field 79
 PAYMENTREQUESTID response field 105
 PAYMENTREQUESTn_TRANSACTIONID request field 90
 PAYMENTRREQUEST_n_HANDLINGAMT request field 88
 PAYMENTRREQUEST_n_PAYMENTACTION request field 91
 PAYMENTSTATUS response field 28, 31, 102, 117, 167
 PAYMENTTYPE response field 98, 100, 116, 166
 PAYPALADJUSTMENT response field 72
 PENDIN GREASON response field 118, 168
 PENDINGREASON response field 29, 32, 103
 PERIOD response field 120
 Peso 263
 Philippine Peso 263
 PHONENUM response field 72
 PHP 263
 PLN 263, 264
 Polish Zloty 263, 264
 Pound Sterling 263, 264
 PROTECTIONELIGIBILITY response field 119, 169
 PROFILEID request field 134, 142, 143, 144
 PROFILEID response field 134, 135, 144, 149
 ProfileID response field 143
 PROFILEREFERENCE request field 126, 145
 PROFILEREFERENCE response field 136
 PROFILESTARTDATE request field 126, 146
 PROFILESTARTDATE response field 136
 PROTECTIONELIGIBILITY response field 29, 32, 104
 PROTECTIONELIGIBILITYTYPE response field 29, 32, 119, 169

R

RE DIRECTREQUIRED response field 72
 REASONCODE response field 104, 118, 168
 RECEIPTID request field 173
 RECEIPTID response field 116, 166
 RECEIVER request field 173
 RECEIVEREMAIL response field 114

RECEIVERID response field 114
 RECEIVERTYPE request field 123
 Recurring Payments Profile Details request fields 126
 Recurring Payments Profile Details response fields 135
 Recurring Payments Summary Details response fields 139
 REDIRECTREQUIRED response field 98
 REFERENCEID request field 155, 158
 Refund Transaction request fields 171
 Refund Transaction response fields 172
 RefundTransaction API operation 171
 RefundTransaction request message 171
 RefundTransaction response message 172
 REFUNDTRANSACTIONID response field 172
 REFUNDTYPE request field 171
 REGULARAMT response field 138
 REGULARBILLINGFREQUENCY response field 137
 REGULARBILLINGPERIOD response field 137
 REGULARCURRENCYCODE response field 139
 REGULARSHIPPINGAMT response field 139
 REGULARTAXAMT response field 139
 REGULARTOTALBILLINGCYCLES response field 138
 REQCONFIRMSHIPPING request field 54
 request format 19
 Request-Response model 18
 RET URNURL request field 54
 RETURNALLCURRENCIES request field 109
 RETURNFMFDETAILS request field 35, 85, 158
 RETURNURL request field 150

S

SALESTAX response field 119
 SALUTATION request field 47, 132, 175
 SALUTATION response field 73, 114, 154, 157
 Schedule Details request fields 126
 SDK integration 16
 security parameters 20
 SEK 263, 264
 Seller Details request fields 97
 SELLERID request field 97
 SELLERREGISTRATIONDATE request field 98
 SELLERUSERNAME request field 97
 servers

- API certificate security 22
- API signature security 22

- Set Customer Billing Agreement request fields 150
 - Set Customer Billing Agreement response fields 153
 - Set ExpressCheckout request fields 53
 - Set ExpressCheckout response fields 71
 - SetCustomerBillingAgreement API operation 150
 - SetCustomerBillingAgreement request message 150
 - SetCustomerBillingAgreement response message 153
 - SetExpressCheckout API operation 53
 - SetExpressCheckout request message 53
 - SetExpressCheckout response message 71
 - SETTLEAMT response field 101, 117, 166
 - SGD 263, 264
 - Sheqel 263
 - Ship To Address response fields 136, 154
 - Shipping Options request fields 69
 - SHIPPINGAMT request field 160
 - SHIPPINGAMT request field 38, 45, 60, 87, 145, 147
 - SHIPPINGAMT response field 76, 138
 - SHIPPINGCALCULATIONMODE response field 83, 106
 - SHIPPINGDISCAMT request field 61, 87
 - SHIPPINGOPTIONAMOUNT request field 97
 - SHIPPINGOPTIONAMOUNT response field 83, 106
 - SHIPPINGOPTIONISDEFAULT request field 97
 - SHIPPINGOPTIONISDEFAULT response field 83, 106
 - SHIPPINGOPTIONNAME request field 97
 - SHIPPINGOPTIONNAME response field 83, 106
 - ShipTo Address request fields 40, 58, 91, 130, 146, 159
 - ShipTo Address response fields 74
 - SHIPTOCITY request field 41, 51, 59, 92, 130, 146, 159
 - SHIPTOCITY response field 74, 115, 136, 141, 155
 - SHIPTOCOUNTRY request field 41, 51, 59, 92, 130, 146, 160
 - SHIPTOCOUNTRY response field 75
 - SHIPTOCOUNTRYCODE response field 115, 136, 141, 155
 - SHIPTONAME request field 40, 58, 91, 130, 146, 159
 - SHIPTONAME response field 74, 115, 136, 141, 154
 - SHIPTOPHONENUM request field 37, 41, 48, 59, 93, 130, 132, 146, 149, 160, 164
 - SHIPTOPHONENUM response field 75, 115, 141
 - SHIPTOSTATE request field 41, 51, 59, 92, 130, 146, 159
 - SHIPTOSTATE response field 74, 115, 136, 141, 155
 - SHIPTOSTREET2 response field 115, 141
 - SHIPTOSTREET request field 40, 51, 58, 92, 130, 146, 159
 - SHIPTOSTREET response field 136, 154
 - SHIPTOSTREET response field 74, 115, 141
 - SHIPTOSTREET2 request field 41, 51, 58, 92, 130, 146, 159
 - SHIPTOSTREET2 response field 74, 136, 155
 - SHIPTOZIP request field 41, 51, 59, 92, 130, 146, 160
 - SHIPTOZIP response field 75, 115, 136, 141, 155
 - Singapore Dollar 263, 264
 - SOFTDESCRIPTOR request field 26, 90, 159
 - Solo AVS response codes 266
 - Solo CVV2 response codes 267
 - SOLUTIONTYPE request field 56
 - STARTDATE request field 36, 46, 131, 148, 164, 173, 174
 - STARTDATE response field 140
 - state and province codes 259
 - STATE request field 37, 47, 132, 149, 164
 - STATUS request field 175
 - STATUS response field 122, 134, 135
 - STREET request field 23, 37, 47, 132, 149, 164
 - STREET2 request field 37, 47, 132, 149, 164
 - STREETMATCH response field 24
 - SUBSCRIBERNAME request field 126, 145
 - SUBSCRIBERNAME response field 135
 - Subscription Terms response fields 120
 - SUCCESSPAGEREDIRECTREQUESTED response field 98
 - SUFFIX request field 47, 132, 175
 - SUFFIX response field 74, 115, 154, 157
 - SURVEYCHOICESELECTED request field 86
 - SURVEYCHOICESELECTED response field 73
 - SURVEYENABLE request field 58
 - SURVEYQUESTION request field 58, 86
 - SURVEYQUESTION response field 73
 - Swedish Krona 263, 264
 - Swiss Franc 263, 264
- ## T
- Taiwan New Dollar 263
 - TAXAMT request field 38, 45, 62, 88, 145, 147, 161
 - TAXAMT response field 101
 - TAXAMT response field 77, 117, 139, 167
 - technical details 18
 - Thai Baht 264

THB 264
 TOKEN request field 49, 53, 71, 85, 126, 153
 TOKEN response field 24, 71, 98, 153
 TOTALBILLINGCYCLES request field 127, 146
 TOTALBILLINGCYCLES response field 138
 TOTALREFUNDEDAMT response field 172
 Transaction Search request fields 173
 Transaction Search response fields 175
 TRANSACTIONCLASS request field 174
 TRANSACTIONENTITY request field 27
 TRANSACTIONID request field 27, 63, 90, 113, 121, 171, 173
 TRANSACTIONID response field 28, 42, 48, 79, 99, 116, 121, 165
 TransactionSearch API operation 173
 TransactionSearch request message 173
 TransactionSearch response message 175
 TRANSACTIONTYPE response field 100, 116, 166
 TRIALAMT request field 128, 147
 TRIALBILLINGFREQUENCY request field 128
 TRIALBILLINGPERIOD request field 128
 TRIALTOTALBILLINGCYCLES request field 128, 147
 TRY 264
 Turkish Lira 264
 TWD 263

U

U.S. Dollar 264
 Update Recurring Payments Profile request fields 144
 Update Recurring Payments Profile response fields 149
 UpdateRecurringPaymentsProfile API operation 144
 UpdateRecurringPaymentsProfile request message 144
 UpdateRecurringPaymentsProfile response message 149
 URL format 18
 URL-encoding 18
 USD 264
 User Selected Options response fields 83, 106

V

Visa AVS response codes 265
 Visa CVV2 response codes 266
 VPAS response field 43

X

XID request field 41

Y

Yen 263, 264

Z

ZIP request field 23, 37, 48, 132, 149, 164
 ZIPMATCH response field 24
 Zloty 263, 264

