PayPal

PayPal modules for osCommerce Online Merchant.

Chapters

📁 osCommerce Online Merchant v2.3

Copyright

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osCommerce Online Merchant v2.3

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Express Checkout v3.1

for osCommerce Online Merchant v2.3

PayPal Express Checkout is bundled with osCommerce Online Merchant and is also available as a separate Add-On package existing store owners can use to upgrade to.

PayPal Express Checkout is automatically pre-configured for new osCommerce Online Merchant installations where payments are sent to the configured store owner e-mail address. This allows store owners to start accepting payments immediately and to complete their PayPal merchant account when their first payments have arrived.

The PayPal Express Checkout payment module supports the following features:

- Seamless Checkout: Customers who Log In with PayPal do not need to log in again for Express Checkout
- Instant Update: Dynamic shipping rates are retrieved from Express Checkout
- PayPal Account Optional: Customers do not need a local store or PayPal account and can proceed through Express Checkout as a guest
- Authorization and Sale transaction methods
- SSL Certificate verified transactions
- Sandbox server to perform test transactions

This document can be found online at:

http://library.oscommerce.com/Package&en&paypal&oscom23&express_checkout

Features

Seamless Checkout

Seamless Checkout requires the separate Log In with PayPal content module and allows customers who have logged in through PayPal to proceed straight to the Express Checkout flow without needing to log in again.

The Log In with PayPal content module is bundled with osCommerce Online Merchant (since v2.3.4) and is also available as a separate Add-On package at:

http://addons.oscommerce.com/info/9067

Instant Update

As soon as the customer has logged in at PayPal or has provided their shipping address during the Express Checkout flow, PayPal contacts your online store to retrieve a list of applicable shipping rates and taxes for the shipping destination. The customer is able to choose their preferred shipping rate which is passed back to the store to use for the order.

As of osCommerce Online Merchant v2.3.4, orders can be blocked when no shipping rate for the destination is available. If this is enabled and Instant Update detects that no shipping rates are available, it requests the customer to select or enter a new shipping address during the Express Checkout flow and prevents them to continue with the order until a valid shipping destination has been selected.

Requirements

Instant Update requires the following for the shipping rates to be retrieved:

- Your store installation must be configured for and have SSL enabled.

PayPal Account Optional

PayPal Account Optional allows customers without a local or PayPal account to proceed through the Express Checkout flow as a guest. Customers do not need to create a PayPal account during the Express Checkout flow and their shipping and billing information is passed back to the store to use for the order.

SSL Certificate Verified Transactions

All secured API transaction calls sent to PayPal are performed by verifying PayPal's SSL certificates to guarantee the identity of PayPal. This is performed by using the following public keys in order if they are available:

- ext/modules/payment/paypal/paypal.com.crt
- includes/cacert.pem (public key bundle)
- the web server configured public key bundle

A test connection link is available on the payment module configuration page which can be used to test if API transaction calls to PayPal can be verified from your web server. If the test connection fails, please contact your hosting provider as they may need to update your web server configuration. The SSL certificate verification can also be disabled on the payment module configuration page however it is highly discouraged to disable.

> Some web hosting providers require a curl proxy to be used which can be configured on the payment module configuration page.

Configuration Settings

Parameter	Description	Default
Enable PayPal Express Checkout	Setting this parameter to *True* makes the payment method available to customers during the checkout procedure. A "Check Out with PayPal" image button is also shown on the shopping cart page.	*True*
Seller Account	The PayPal e-mail address of the seller/merchant account. This is automatically set to the configured store owner e-mail address for new installations. This field is not required if API credentials are used.	
API Username	The username to use for the PayPal API service. This is tied to your PayPal seller e-mail address profile to accept payments for.	
API Password	The password to use for the PayPal API service.	
API Signature	The signature to use for the PayPal API service.	
PayPal Account Optional	Allow guests to continue through the Express Checkout flow without logging in through PayPal.	*False*
PayPal Instant Update	Allow PayPal to retrieve shipping rates and taxes for the order based on the shipping destination.	*True*
PayPal Checkout Image	Use a static or dynamic Express Checkout image button on the shopping cart page.	*Static*
Page Style	The page style to use for the Express Checkout flow. This is defined in your PayPal account profile.	
		Sale

Parameter	Description	Default
Transaction Method	The transaction method to use for payment transactions. The *Authorization* method only authorizes the transaction which can be captured up to 29 days later, and must be captured through your PayPal account page. The *Sale* method instantly transfers the funds to your PayPal account.	
Set Order Status	Set the status of orders made with Express Checkout to this order status level.	*Default Order Status*
PayPal Transactions Order Status	PayPal transactions are logged in this private order status level.	*PayPal [Transactions]*
Payment Zone	If set, this payment method will only be available to orders made within the defined zone.	
Transaction Server	The transaction server to use for payment transactions. The *Live* server is for production use to receive payments from customers, and the *Sandbox* server is used to test transactions only.	*Live*
Verify SSL Certificate	Verify PayPal's identity when API communication calls are sent.	*True*
Proxy Server	Send API communication calls through this proxy server.	
Debug E-Mail Address	Send invalid transaction parameters to this e-mail address.	
Sort Order	The position to show the payment method on the checkout payment page against other available payment methods.	

Notes

Customer Accounts

PayPal Express Checkout allows guest purchases to be made without the customer needing to create or log into their local store account. A local customer account is however created when they return back to the store from the Express Checkout flow to keep track of the order.

If the Set Password account content module is not installed, the automatically created account is assigned a randomly generated password which is e-mailed to the customers e-mail address PayPal provides.

If the Set Password account content module is installed, the password is left empty and no e-mail is sent to the customer. The customer then has the opportunity to set their own password in the My Account page during their session or they will only able to log in again through Log In with PayPal or PayPal Express Checkout when their next order is made.

Order Processing

The PayPal Express Checkout payment module has been developed to finalize the order transaction during the Express Checkout flow. The order is confirmed during the Express Checkout flow when the customer uses the "Pay Now" button to finalize the order. On returning back to the store, a check on the transaction total is performed - if it matches the order total the customer is directed to the checkout success page otherwise, on rare occassions, they are directed to the checkout confirmation page where they must confirm their order again.

The PayPal transaction total may differ from the order total in the following scenarios:

- when Instant Update is not enabled and the customer chooses another shipping address which shipping rates and taxes may be applied to or removed from the order
- when third-party Order Total modules are installed that manipulate taxes applied to the order
- when digital downloads are purchased and the customer chooses another billing address which taxes may be applied to or removed from the order

In the rare occassion where the PayPal transaction total does not match the order total, the customer has the opportunity to review their order and order total

calculations (including taxes) before confirming and processing the order on the checkout confirmation page.

Line Items

Each product that is ordered is passed on to PayPal as line items to show to the customer during the Express Checkout flow. This includes extra third-party Order Total modules that manipulate the order total values (eg, discounts). In rare occassions, when the line items, shipping, and tax calculations do not match the order total value, only the order total value is passed onto PayPal without the line items.

Add-On Package

The separate PayPal Express Checkout Add-On package is available at:

http://addons.oscommerce.com/info/5658

Online Demonstration

An online demonstration is available at:

http://demo.oscommerce.com

For the online demonstration, PayPal Express Checkout has been configured with PayPal's Sandbox environment and requires a sandbox account if you wish to log in and not checkout as a guest.

Manual Installation (as an Add-On)

After extracting the Add-On package, copy the files located in the *catalog* directory to your osCommerce installation directory on the server. The files must be copied in the correct directory structure as extracted from the Add-On package.

The file listing is as follows:

- ext/modules/payment/paypal/express.php
- ext/modules/payment/paypal/paypal.com.crt
- includes/languages/english/modules/payment/paypal_express.php
- includes/modules/payment/paypal_express.php

The standard language definitions in English are provided in the Add-On package. For additional languages, copy the English language definition file to the appropriate language directory and open the file with a text editor to edit the language definitions. The location of the language definition file must be in:

- includes/languages/*LANGUAGE*/modules/payment/paypal_express.php

When the files have been copied to their appropriate locations, the payment module will be available on the Administration Tool -> Modules -> Payment -> Install Module page where it can be installed, or on the Administration Tool -> Modules -> Payment page if the module was already previously installed.

If the module was already previously installed, it is important to visit the module configuration page to make sure new parameters are automatically installed in the database.

Changelog

v3.1 09-Jun-2014

- v2.2 compatibility updates (jQuery is now injected into the page when it has not been loaded).

v3.0 27-May-2014

- Use API 112.

- If the Set Password account content module is installed, leave the password of the automatically created customer account for guests empty and don't e-mail the customer (requires osCommerce Online Merchant v2.3.4).

- Show PayPal logo on the checkout confirmation page as the payment method instead of the module public title.

- Allow a PayPal defined Page Style to be used.

- Only add line items if line item total calculations matches order total calculations.

- Add extra Order Total modules as product line items.

- Additionally verify the PayPal transaction before the order is processed.

- Allow Instant Update to prevent the customer from proceeding through Express Checkout if no shipping rates are available for the shipping destination (requires osCommerce Online Merchant v2.3.4).

- Support Log In with PayPal Seamless Checkout.

- Support error code 10486 for when insufficient funds are available in the customers PayPal account.

v2.0 08-Oct-2013

- Use API 104.

- Label public title with sandbox tag when in sandbox testing mode.

- Add Test Connection link in module configuration page.

- Verify SSL connections with PayPal public key certificate.

v1.2 19-Aug-2013

- Use API 60.

- Allow debug transaction information to be sent in an e-mail for failed transactions.

- Pre-Configure the module for new installations with the store configured store owner e-mail address.

v1.1 18-Feb-2010

- Use API 57.

- Add support for PayPal Account Optional.

- Introduce Instant Update to have PayPal retrieve shipping rates and taxes based on the shipping destination.

- Include PayPal transaction information in a private order status level.

- Automatically create customer accounts for guests when returning back to the store from the Express Checkout flow. Accounts are created with an automatically generated random password that is e-mailed to the customer.

v1.0 11-Jan-2008

- Initial Release

Payments Standard v3.2

for osCommerce Online Merchant v2.3

PayPal Payments Standard is bundled with osCommerce Online Merchant and is also available as a separate Add-On package existing store owners can use to upgrade to.

The PayPal Payments Standard payment module supports the following PayPal features:

- Encrypted Website Payments
- Instant Payment Notification
- Authorization and Sale transaction methods
- SSL Certificate verified transactions
- Sandbox server to perform test transactions

This document can be found online at:

http://library.oscommerce.com/Package&en&paypal&oscom23&payments_standard

Features

Encrypted Website Payments

Encrypted Website Payments allows the initial transaction information to be encrypted using public and private keys before it is sent to PayPal. This protects the order information from being tampered with and securely initiates the transaction with PayPal.

Please refer to Configuring Settings -> Encrypted Website Payments in this document for more information.

Requirements

Encrypted Website Payments requires the following:

- OpenSSL; The PHP installation on your web server needs to support OpenSSL or have access to the "openssl" program file. The location of the "openssl" program file can be defined in a configuration parameter.

Instant Payment Notification

All orders processed through PayPal Payments Standard are verified by a separate call PayPal automatically performs when an order has been processed. PayPal sends an Instant Payment Notification (IPN) to your store with the order information which is then verified and logged with the order.

The results of the verification are logged in a private order status that can be seen when viewing the order.

SSL Certificate Verified Transactions

All secured API transaction calls sent to PayPal are performed by verifying PayPal's SSL certificates to guarantee the identity of PayPal. This is performed by using the following public keys in order if they are available:

- ext/modules/payment/paypal/paypal.com.crt
- includes/cacert.pem (public key bundle)
- the web server configured public key bundle

A test connection link is available on the payment module configuration page which can be used to test if API transaction calls to PayPal can be verified from your web server. If the test connection fails, please contact your hosting provider as they may

need to update your web server configuration. The SSL certificate verification can also be disabled on the payment module configuration page however it is highly discouraged to disable.

> Some web hosting providers require a curl proxy to be used which can be configured on the payment module configuration page.

Configuration Settings

Parameter	Description	Default
Enable PayPal Payments Standard	Setting this parameter to *True* makes the payment method available to customers during the checkout procedure.	*True*
Seller E-Mail Address	The PayPal seller account e-mail address to accept payments for.	
Primary E-Mail Address	The primary PayPal seller account e-mail address for when multiple PayPal e-mail addresses have been setup with the account. This is used to verify the IPN with and can be left empty.	
Page Style	The page style to use for the payment flow. This is defined in your PayPal account profile.	
Transaction Method	The transaction method to use for payment transactions. The *Authorization* method only authorizes the transaction which can be captured up to 29 days later, and must be captured through your PayPal account page. The *Sale* method instantly transfers the funds to your PayPal account.	*Sale*
Set Preparing Order Status	The customers order is saved in the database on the checkout confirmation page before the customer is forwarded to PayPal to finalize the payment transaction. The order is saved in the database with this defined order status. The order status is updated again when the customer finalizes the payment transaction	*Preparing [PayPal Standard]*

Parameter	Description	Default
	at PayPal and returns to the store with the link provided by PayPal. The order status is also updated when the Instant Payment Notification from PayPal is received. If the customer does not finalize the payment transaction at PayPal, the order remains in the database with this order status and can be removed after a period of time.	
Set PayPal Acknowledged Order Status	The orders status will be updated to this value when the customer returns back to the store after payment has been made at PayPal or when the Instant Payment Notification is received and the order has been verified.	*Default Order Status*
PayPal Transactions Order Status	PayPal transactions are logged in this private order status level.	*PayPal [Transactions]*
Payment Zone	If set, this payment method will only be available to orders made within the defined zone.	
Gateway Server	The gateway server to use for payment transactions. The *Live* server is for production use to receive payments from customers, and the *Sandbox* server is used to test transactions only.	*Live*
Verify SSL Certificate	Verify PayPal's identity when API communication calls are sent.	*True*
Proxy Server	Send API communication calls through this proxy server.	

Parameter	Description	Default
Debug E-Mail Address	Send invalid transaction parameters to this e-mail address.	
Enable Encrypted Website Payments	Setting this parameter to True encrypts the parameters sent to PayPal during the payment transaction.	*False*
Your Private Key	The location and filename of your private key to use for signing the payment transaction.	
Your Public Certificate	The location and filename of your public certificate to use for signing the payment transaction.	
PayPals Public Certificate	The location and filename of the PayPal public certificate to use for encrypting the payment transaction.	
Your PayPal Public Certificate ID	The public certificate ID that PayPal should use to decrypt the payment transaction. This is defined at your PayPal Encrypted Payment Settings Profile page.	
Working Directory	The working directory to create temporary files. All files created are automatically deleted when they are no longer needed.	
OpenSSL Location	The location and filename of the OpenSSL "openssl" program file used when PHP has not been configured with OpenSSL natively.	*/usr/bin/openssl*
Sort Order	The position to show the payment method on the checkout payment page against other available payment methods.	

Encrypted Website Payments

The following steps are required before Encrypted Website Payments is enabled:

1. Generate your private key.
2. Generate your public certificate.
3. Upload your public certificate to your PayPal account.
4. Download the PayPal public certificate from the PayPal website.
5. Update module configuration parameters.

and optionally:

6. Block non-encrypted website payments.

Private keys and public certificates can be generated by using the "openssl" program file.

1. Generate your private key

Enter the following OpenSSL command to generate your private key. The command generates a 1024-bit RSA private key that is stored in the file my-prvkey.pem:

```
openssl genrsa -out my-prvkey.pem 1024
```

2. Generate your public certificate

Your public certificate must be in PEM format. To generate your certificate, enter the following OpenSSL command, which generates a public certificate in the file my-pubcert.pem:

```
openssl req -new -key my-prvkey.pem -x509 -days 365 -out my-pubcert.pem
```

The following questions will be prompted:

Question	Example
Country Name (2 letter code)	US
State or Province Name (full name)	California
Locality Name (eg, city)	Beverly Hills
Organization Name (eg, company)	Your Store Name
Organizational Unit Name (eg, section)	
Common Name (e.g. server FQDN or YOUR name)	Your Store URL Address
Email Address	Your E-Mail Address

3. Upload your public certificate to your PayPal account

To upload your public certificate to your PayPal account:

1. Log in to your PayPal Business or Premier account.
2. Click the Profile subtab.
3. In the Hosted Payment Settings column, click the Website Payment Certificates link.
4. Scroll down the page to the Your Public Certificates section, and click the Add button.
5. Click the Browse button, and select the public certificate that you want to upload to PayPal (*my-pubcert.pem*).
6. Click the Add button.

After your public certificate uploads successfully, it appears in the Your Public Certificates section of the Website Payment Certificates page.

Your Public Certificates

PayPal will use your public certificate to decipher the encrypted content of your website buttons. You may add up to 6 different certificates.

	Cert ID	Certifying Authority	Expiration Date
◉	8PFWZ7SYUKDJ2	/C=DE/ST=NRW/L=Solingen/O=osCommerce/CN=oscommerce.com/emailAddress=hpdl@oscommerce.com	May 7, 2015 08:24:15 PDT

[Download] [Remove] [Add]

7. Note the certificate ID that PayPal assigned to your public certificate.

4. Download the PayPal public certificate from the PayPal website

To download the PayPal public certificate:

1. Log in to your PayPal Business or Premier account.
2. Click the Profile subtab.
3. In the Hosted Payment Settings column, click the Website Payment Certificates link.
4. Scroll down the page to the PayPal Public Certificate section.

PayPal Public Certificate

PayPal requires that you use the PayPal Public Certificate with your code to encrypt buttons so that only PayPal can decipher the encrypted contents. Click the **Download** button below to download the PayPal Public Certificate.

[Download]

5. Click the Download button, and save the file in a secure location.

5. Update module configuration parameters.

Copy the following files to a secure location your web server:

- my-prvkey.pem; *Your private key generated in step 1.*
- my-pubcert.pem; *Your public certificate generated in step 2.*
- paypal_cert_pem.txt; *The PayPal public certificate downloaded in step 4.*

Create a working directory on the web server that the web server has write access to.

Review and update the module Encrypted Website Payments parameters:

Parameter	Value
Enable Encrypted Website Payments	Set to *True* to enable Encrypted Website Payments.
Your Private Key	The location and filename of your private key; my-prvkey.pem generated in Step 1.
Your Public Certificate	The location and filename of your public certificate; my-pubcert.pem generated in Step 2.
PayPals Public Certificate	The location and filename of the PayPal public certificate; paypal_cert_pem.txt downloaded in Step 4.
Your PayPal Public Certificate ID	Your PayPal stored Certificate ID; noted in Step 3.
Working Directory	The working directory to create temporary files. All files created are automatically deleted when they are no longer needed.
OpenSSL Location	The location and filename of the OpenSSL "openssl" program file used when PHP has not been configured with OpenSSL natively.

6. Block non-encrypted website payments.

Optionally, orders processed through non-encrypted website payments can be blocked for extra security. This is recommended only if Encrypted Website Payments has been enabled.

To block payments from unprotected and non-encrypted PayPal Payments Standard orders:

1. Log in to your PayPal Premier account or Business account.

2. Click the Profile subtab.
3. In the Hosted Payment Settings column, click the Website Payments Preferences link.
4. Scroll down to the Encrypted Website Payments section.

Encrypted Website Payments

Using encryption enhances the security of website payments by decreasing the possibility that a 3rd party could manipulate the data in your button code. If you plan on only using encrypted buttons you can block payments from non-encrypted ones.

Learn more about Encrypted Website Payments

Note: If you enable Encrypted Website Payments, all of your Buy Now, Donations, and Subscriptions buttons **must** be encrypted via one of the following methods:

- Using the Button Factory with the security settings enabled.
- Using your own code, you encrypt all website payments before sending them to PayPal.

By enabling this feature, any Buy Now, Donation, or Subscription button that is not encrypted will be rejected by PayPal.

Block Non-encrypted Website   ⦿ On
                   Payment: ○ Off

5. Next to the Block Non-encrypted Website Payment label, select the On radio button.
6. Scroll to the bottom of the page, and click the Save button.

Notes

Order Processing

When the customer goes through the checkout procedure and lands on the checkout confirmation page, their order is saved in the database with a private order status (by default, *Preparing [PayPal Standard]*). The order status is updated to an acknowledged order status (by default, the default order status level) when the customer returns back to the store from PayPal after payment has been made, or when the IPN notification is received if the customer didn't return back to the store.

If the customer did not finalize the payment at PayPal and does not return back to the store, the order remains in the database with the *Preparing [PayPal Standard]* order status and can be safely deleted after a period of time.

Line Items

Each product that is ordered is passed on to PayPal as line items to show to the customer during the payment flow. This includes extra third-party Order Total modules that manipulate the order total values (eg, discounts). In rare occassions, when the line items, shipping, and tax calculations do not match the order total value, only the order total value is passed onto PayPal without the line items.

Add-On Package

The separate PayPal Payments Standard Add-On package is available at:

http://addons.oscommerce.com/info/5655

Online Demonstration

An online demonstration is available at:

http://demo.oscommerce.com

For the online demonstration, PayPal Payments Standard has been configured with PayPal's Sandbox environment and requires a sandbox account if you wish to log in and not checkout as a guest.

Manual Installation (as an Add-On)

After extracting the add-on package, copy the files located in the *catalog* directory to your osCommerce installation directory on the server. The files must be copied in the correct directory structure as extracted from the add-on package.

The file listing is as follows:

- ext/modules/payment/paypal/paypal.com.crt
- ext/modules/payment/paypal/standard_ipn.php
- includes/languages/english/modules/payment/paypal_standard.php
- includes/modules/payment/paypal_standard.php

The standard language definitions in English are provided in the Add-On package. For additional languages, copy the English language definition file to the appropriate language directory and open the file with a text editor to edit the language definitions. The location of the language definition file must be in:

- includes/languages/*LANGUAGE*/modules/payment/paypal_standard.php

When the files have been copied to their appropriate locations, the payment module will be available on the Administration Tool -> Modules -> Payment -> Install Module page where it can be installed, or on the Administration Tool -> Modules -> Payment page if the module was already previously installed.

If the module was already previously installed, it is important to visit the module configuration page to make sure new parameters are automatically installed in the database.

Changelog

v3.2 09-Jun-2014

- v2.2 compatibility updates (jQuery is now injected into the page when it has not been loaded).

v3.1 01-Jun-2014

- Include line items when line item total calculations matches order total value.

v3.0 27-May-2014

- Show PayPal logo on the checkout confirmation page as the payment method instead of the module public title.

- Include PayPal transaction information in a private order status level.

v2.0 22-Aug-2013

- Label public title with sandbox tag when in sandbox testing mode.

- Add Test Connection link in module configuration page.

- Add additional checks when processing the order.

v1.1 28-May-2013

- Additionally verify the PayPal transaction before the order is processed.

- Add Primary Seller E-Mail Address parameter for cases when it is different to the Seller E-Mail Address.

- Verify SSL connections with PayPal public key certificate.

v1.0 11-Jan-2008

- Initial Release

Payments Pro (Direct Payment) v3.1

for osCommerce Online Merchant v2.3

PayPal Payments Pro (Direct Payment) allows credit and debit cards to be accepted directly on your online store during the checkout flow without the customer having to leave the site.

PayPal Payments Pro (Direct Payment) is bundled with osCommerce Online Merchant and is also available as a separate Add-On package existing store owners can use to upgrade to.

The PayPal Payments Pro (Direct Payment) payment module supports the following features:

- Process credit and debit cards directly during the checkout flow
- Authorization and Sale transaction methods
- SSL Certificate verified transactions
- Sandbox server to perform test transactions

This document can be found online at:

http://library.oscommerce.com/Package&en&paypal&oscom23&payments_pro_direct

Features

SSL Certificate Verified Transactions

All secured API transaction calls sent to PayPal are performed by verifying PayPal's SSL certificates to guarantee the identity of PayPal. This is performed by using the following public keys in order if they are available:

- ext/modules/payment/paypal/paypal.com.crt
- includes/cacert.pem (public key bundle)
- the web server configured public key bundle

A test connection link is available on the payment module configuration page which can be used to test if API transaction calls to PayPal can be verified from your web server. If the test connection fails, please contact your hosting provider as they may need to update your web server configuration. The SSL certificate verification can also be disabled on the payment module configuration page however it is highly discouraged to disable.

> Some web hosting providers require a curl proxy to be used which can be configured on the payment module configuration page.

Requirements

PayPal Express Checkout

PayPal Payments Pro (Direct Payment) requires the additional PayPal Express Checkout payment module to be installed and enabled on your online store. PayPal Express Checkout is bundled with osCommerce Online Merchant and is also available as a separate Add-On package to download.

This module will not function until PayPal Express Checkout has been installed and enabled.

Configuration Settings

Parameter	Description	Default
Enable PayPal Payments Pro (Direct Payment)	Setting this parameter to *True* makes the payment method available to customers during the checkout flow. The credit and debit card information is entered on the checkout confirmation page.	*True*
API Username	The username to use for the PayPal API service. This is tied to your PayPal seller e-mail address profile to accept payments for.	
API Password	The password to use for the PayPal API service.	
API Signature	The signature to use for the PayPal API service.	
Transaction Method	The transaction method to use for payment transactions. The *Authorization* method only authorizes the transaction which can be captured up to 29 days later, and must be captured through your PayPal account page. The *Sale* method instantly transfers the funds to your PayPal account.	*Sale*
Set Order Status	Set the status of orders made with this payment module to this order status level.	*Default Order Status*
PayPal Transactions Order Status	PayPal transactions are logged in this private order status level.	*PayPal [Transactions]*
Payment Zone	If set, this payment method will only be available to orders made within the defined zone.	

Parameter	Description	Default
Transaction Server	The transaction server to use for payment transactions. The *Live* server is for production use to receive payments from customers, and the *Sandbox* server is used to test transactions only.	*Live*
Verify SSL Certificate	Verify PayPal's identity when API communication calls are sent.	*True*
Proxy Server	Send API communication calls through this proxy server.	
Debug E-Mail Address	Send invalid transaction parameters to this e-mail address.	
Sort Order	The position to show the payment method on the checkout payment page against other available payment methods.	
Accept Visa	Setting this parameter to *True* allows Visa cards to be accepted for payments.	*True*
Accept MasterCard	Setting this parameter to *True* allows MasterCard cards to be accepted for payments.	*True*
Accept Discover	Setting this parameter to *True* allows Discover cards to be accepted for payments.	*True*
Accept American Express	Setting this parameter to *True* allows American Express cards to be accepted for payments.	*True*
Accept Maestro	Setting this parameter to *True* allows Maestro cards to be accepted for payments.	*True*

Notes

Line Items

Each product that is ordered is passed on to PayPal as line items to tie to the transaction. This includes extra third-party Order Total modules that manipulate the order total values (eg, discounts). In rare occassions, when the line items, shipping, and tax calculations do not match the order total value, only the order total value is passed onto PayPal without the line items.

Add-On Package

The separate PayPal Payments Pro (Direct Payment) Add-On package is available at:

http://addons.oscommerce.com/info/5659

Online Demonstration

An online demonstration is available at:

http://demo.oscommerce.com

For the online demonstration, PayPal Payments Pro (Direct Payment) has been configured with PayPal's Sandbox environment and requires a testing card number for purchases.

Manual Installation (as an Add-On)

After extracting the Add-On package, copy the files located in the *catalog* directory to your osCommerce installation directory on the server. The files must be copied in the correct directory structure as extracted from the Add-On package.

The file listing is as follows:

- ext/modules/payment/paypal/paypal.com.crt
- includes/languages/english/modules/payment/paypal_pro_dp.php
- includes/modules/payment/paypal_pro_dp.php

The standard language definitions in English are provided in the Add-On package. For additional languages, copy the English language definition file to the appropriate language directory and open the file with a text editor to edit the language definitions. The location of the language definition file must be in:

- includes/languages/*LANGUAGE*/modules/payment/paypal_pro_dp.php

When the files have been copied to their appropriate locations, the payment module will be available on the Administration Tool -> Modules -> Payment -> Install Module page where it can be installed, or on the Administration Tool -> Modules -> Payment page if the module was already previously installed.

If the module was already previously installed, it is important to visit the module configuration page to make sure new parameters are automatically installed in the database.

Changelog

v3.1 09-Jun-2014

- v2.2 compatibility updates (jQuery is now injected into the page when it has not been loaded).

v3.0 27-May-2014

- Use API 112.

- Add line items if line item total calculations matches order total calculations.

- Include PayPal transaction information in a private order status level.

v2.0 20-Aug-2013

- Use API 104.

- Verify SSL connections with PayPal public key certificate.

- Remove card entry fields from the checkout payment page (now only entered on the checkout confirmation page).

- Add Test Connection link in module configuration page.

- Dynamically update card entry fields depending on card type.

- Allow card types to be enabled/disabled.

v1.1 22-Jan-2008

- Add configuration parameter to control where the card details should be collected; either on the checkout payment or checkout confirmation page. This is needed for 2.2MS2 compatibility which can only collect card details on the checkout payment page.

v1.0 11-Jan-2008

- Initial Release

Payments Pro (Hosted Solution) v1.1

for osCommerce Online Merchant v2.3

PayPal Payments Pro (Hosted Solution) allows credit and debit cards to be accepted directly on your online store during the checkout flow without the customer having to leave the site.

PayPal Payments Pro (Hosted Solution) is bundled with osCommerce Online Merchant and is also available as a separate Add-On package existing store owners can use to upgrade to.

The PayPal Payments Pro (Hosted Solution) payment module supports the following features:

- Process credit and debit cards directly during the checkout flow
- Authorization and Sale transaction methods
- SSL Certificate verified transactions
- Sandbox server to perform test transactions

This document can be found online at:

http://library.oscommerce.com/Package&en&paypal&oscom23&payments_pro_hosted

Features

SSL Certificate Verified Transactions

All secured API transaction calls sent to PayPal are performed by verifying PayPal's SSL certificates to guarantee the identity of PayPal. This is performed by using the following public keys in order if they are available:

- ext/modules/payment/paypal/paypal.com.crt
- includes/cacert.pem (public key bundle)
- the web server configured public key bundle

A test connection link is available on the payment module configuration page which can be used to test if API transaction calls to PayPal can be verified from your web server. If the test connection fails, please contact your hosting provider as they may need to update your web server configuration. The SSL certificate verification can also be disabled on the payment module configuration page however it is highly discouraged to disable.

> Some web hosting providers require a curl proxy to be used which can be configured on the payment module configuration page.

Configuration Settings

Parameter	Description	Default
Enable PayPal Payments Pro (Hosted Solution)	Setting this parameter to *True* makes the payment method available to customers during the checkout flow. The credit and debit card information is entered on the checkout confirmation page.	*True*
API Username	The username to use for the PayPal API service. This is tied to your PayPal seller e-mail address profile to accept payments for.	
API Password	The password to use for the PayPal API service.	
API Signature	The signature to use for the PayPal API service.	
Seller E-Mail Address	The PayPal seller account e-mail address to accept payments for.	
Primary E-Mail Address	The primary PayPal seller account e-mail address for when multiple PayPal e-mail addresses have been setup with the account. This is used to verify the IPN with and can be left empty.	
Transaction Method	The transaction method to use for payment transactions. The *Authorization* method only authorizes the transaction which can be captured up to 29 days later, and must be captured through your PayPal account page. The *Sale* method instantly transfers the funds to your PayPal account.	*Sale*

Parameter	Description	Default
Set Preparing Order Status	The customers order is saved in the database on the checkout confirmation page before the customer is forwarded to PayPal if they chose PayPal as their payment method. The order is saved in the database with this defined order status. The order status is updated again when the customer finalizes the payment transaction at PayPal and returns to the store with the link provided by PayPal. The order status is also updated when the Instant Payment Notification from PayPal is received. If the customer does not finalize the payment transaction at PayPal, the order remains in the database with this order status and can be removed after a period of time.	*Preparing [PayPal Pro HS]*
Set PayPal Acknowledged Order Status	The orders status will be updated to this value when the customer returns back to the store after payment has been made at PayPal or when the Instant Payment Notification is received and the order has been verified.	*Default Order Status*
PayPal Transactions Order Status	PayPal transactions are logged in this private order status level.	*PayPal [Transactions]*
Payment Zone	If set, this payment method will only be available to orders made within the defined zone.	
Gateway Server	The gateway server to use for payment transactions. The *Live* server is for production use to receive payments from customers, and the	*Live*

Parameter	Description	Default
	Sandbox server is used to test transactions only.	
Verify SSL Certificate	Verify PayPal's identity when API communication calls are sent.	*True*
Proxy Server	Send API communication calls through this proxy server.	
Debug E-Mail Address	Send invalid transaction parameters to this e-mail address.	
Sort Order	The position to show the payment method on the checkout payment page against other available payment methods.	

Add-On Package

The separate PayPal Payments Pro (Hosted Solution) Add-On package is available at:

http://addons.oscommerce.com/info/9072

Online Demonstration

An online demonstration is available at:

http://demo.oscommerce.com

For the online demonstration, PayPal Payments Pro (Hosted Solution) has been configured with PayPal's Sandbox environment and requires a testing card number for purchases.

Manual Installation (as an Add-On)

After extracting the Add-On package, copy the files located in the *catalog* directory to your osCommerce installation directory on the server. The files must be copied in the correct directory structure as extracted from the Add-On package.

The file listing is as follows:

- ext/modules/payment/paypal/hosted_checkout.php
- ext/modules/payment/paypal/images/hss_load.gif
- ext/modules/payment/paypal/paypal.com.crt
- ext/modules/payment/paypal/pro_hosted_ipn.php
- includes/languages/english/modules/payment/paypal_pro_hs.php
- includes/modules/payment/paypal_pro_hs.php

The standard language definitions in English are provided in the Add-On package. For additional languages, copy the English language definition file to the appropriate language directory and open the file with a text editor to edit the language definitions. The location of the language definition file must be in:

- includes/languages/*LANGUAGE*/modules/payment/paypal_pro_hs.php

When the files have been copied to their appropriate locations, the payment module will be available on the Administration Tool -> Modules -> Payment -> Install Module page where it can be installed, or on the Administration Tool -> Modules -> Payment page if the module was already previously installed.

If the module was already previously installed, it is important to visit the module configuration page to make sure new parameters are automatically installed in the database.

Changelog

v1.1 09-Jun-2014

- v2.2 compatibility updates (jQuery is now injected into the page when it has not been loaded).

- Fixed tested gateway in API Server Connection dialog.

v1.0 27-May-2014

- Initial Release

Express Checkout (Payflow Edition) v3.1

for osCommerce Online Merchant v2.3

PayPal Express Checkout (Payflow Edition) is bundled with osCommerce Online Merchant and is also available as a separate Add-On package existing store owners can use to upgrade to.

The PayPal Express Checkout (Payflow Edition) payment module supports the following features:

- Authorization and Sale transaction methods
- SSL Certificate verified transactions
- Sandbox server to perform test transactions

This document can be found online at:

http://library.oscommerce.com/Package&en&paypal&oscom23&express_checkout_payflow

Features

SSL Certificate Verified Transactions

All secured API transaction calls sent to PayPal are performed by verifying PayPal's SSL certificates to guarantee the identity of PayPal. This is performed by using the following public keys in order if they are available:

- ext/modules/payment/paypal/paypal.com.crt
- includes/cacert.pem (public key bundle)
- the web server configured public key bundle

A test connection link is available on the payment module configuration page which can be used to test if API transaction calls to PayPal can be verified from your web server. If the test connection fails, please contact your hosting provider as they may need to update your web server configuration. The SSL certificate verification can also be disabled on the payment module configuration page however it is highly discouraged to disable.

> Some web hosting providers require a curl proxy to be used which can be configured on the payment module configuration page.

Requirements

PayPal Payments Pro (Payflow Edition)

PayPal Express Checkout (Payflow Edition) requires the additional PayPal Payments Pro (Payflow Edition) payment module to be installed and enabled on your online store. PayPal Payments Pro (Payflow Edition) is bundled with osCommerce Online Merchant and is also available as a separate Add-On package to download.

This module will not function until PayPal Payments Pro (Payflow Edition) has been installed and enabled.

Configuration Settings

Parameter	Description	Default
Enable PayPal Express Checkout (Payflow Edition)	Setting this parameter to *True* makes the payment method available to customers during the checkout procedure. A "Check Out with PayPal" image button is also shown on the shopping cart page.	*True*
Vendor	The merchant login ID that was created when a Payments Pro account was registered.	
User	If one or more additional users are setup on the account, this value is the ID of the user authorized to process transactions. If, however, no additional users were setup on the account, this has the same value as Vendor.	
Password	The 6- to 32-character password that was defined during the registering of the account.	
Partner	The ID provided by the authorized PayPal Reseller who registered you for the Payflow SDK. If the account was purchased directly from PayPal, use PayPalUK.	
Page Style	The page style to use for the Express Checkout flow. This is defined in your PayPal account profile.	
Transaction Method	The transaction method to use for payment transactions. The *Authorization* method only authorizes the transaction which can be captured up to 29 days later, and must be captured through your PayPal account page. The *Sale* method instantly transfers the funds to your PayPal account.	*Sale*

Set Order Status

Parameter	Description	Default
	Set the status of orders made with Express Checkout to this order status level.	*Default Order Status*
PayPal Transactions Order Status	PayPal transactions are logged in this private order status level.	*PayPal [Transactions]*
Payment Zone	If set, this payment method will only be available to orders made within the defined zone.	
Transaction Server	The transaction server to use for payment transactions. The *Live* server is for production use to receive payments from customers, and the *Sandbox* server is used to test transactions only.	*Live*
Verify SSL Certificate	Verify PayPal's identity when API communication calls are sent.	*True*
Proxy Server	Send API communication calls through this proxy server.	
Debug E-Mail Address	Send invalid transaction parameters to this e-mail address.	
Sort Order	The position to show the payment method on the checkout payment page against other available payment methods.	

Notes

Customer Accounts

PayPal Express Checkout (Payflow Edition) allows guest purchases to be made without the customer needing to create or log into their local store account. A local customer account is however created when they return back to the store from the Express Checkout flow to keep track of the order.

If the Set Password account content module is not installed, the automatically created account is assigned a randomly generated password which is e-mailed to the customers e-mail address PayPal provides.

If the Set Password account content module is installed, the password is left empty and no e-mail is sent to the customer. The customer then has the opportunity to set their own password in the My Account page during their session or they will only able to log in again through Log In with PayPal or PayPal Express Checkout when their next order is made.

Line Items

Each product that is ordered is passed on to PayPal as line items to show to the customer during the Express Checkout flow. This includes extra third-party Order Total modules that manipulate the order total values (eg, discounts). In rare occassions, when the line items, shipping, and tax calculations do not match the order total value, only the order total value is passed onto PayPal without the line items.

Add-On Package

The separate PayPal Express Checkout (Payflow Edition) Add-On package is available at:

http://addons.oscommerce.com/info/5657

Online Demonstration

An online demonstration is available at:

http://demo.oscommerce.com

For the online demonstration, PayPal Express Checkout (Payflow Edition) has been configured with PayPal's Sandbox environment and requires a sandbox account if you wish to log in and not checkout as a guest.

Manual Installation (as an Add-On)

After extracting the Add-On package, copy the files located in the *catalog* directory to your osCommerce installation directory on the server. The files must be copied in the correct directory structure as extracted from the Add-On package.

The file listing is as follows:

- ext/modules/payment/paypal/express_payflow.php
- ext/modules/payment/paypal/paypal.com.crt
- includes/languages/english/modules/payment/paypal_pro_payflow_ec.php
- includes/modules/payment/paypal_pro_payflow_ec.php

The standard language definitions in English are provided in the Add-On package. For additional languages, copy the English language definition file to the appropriate language directory and open the file with a text editor to edit the language definitions. The location of the language definition file must be in:

- includes/languages/*LANGUAGE*/modules/payment/paypal_pro_payflow_ec.php

When the files have been copied to their appropriate locations, the payment module will be available on the Administration Tool -> Modules -> Payment -> Install Module page where it can be installed, or on the Administration Tool -> Modules -> Payment page if the module was already previously installed.

If the module was already previously installed, it is important to visit the module configuration page to make sure new parameters are automatically installed in the database.

Changelog

v3.1 09-Jun-2014

- v2.2 compatibility updates (jQuery is now injected into the page when it has not been loaded).

v3.0 27-May-2014

- Automatically create customer accounts for guests when returning back to the store from the Express Checkout flow.

- If the Set Password account content module is installed, leave the password of the automatically created customer account for guests empty and don't e-mail the customer (requires osCommerce Online Merchant v2.3.4).

- Show PayPal logo on the checkout confirmation page as the payment method instead of the module public title.

- Allow a PayPal defined Page Style to be used.

- Only add line items if line item total calculations matches order total calculations.

- Add extra Order Total modules as product line items.

- Additionally verify the PayPal transaction before the order is processed.

v2.0 22-Aug-2013

- Label public title with sandbox tag when in sandbox testing mode.

- Add Test Connection link in module configuration page.

- Verify SSL connections with PayPal public key certificate.

- Include PayPal transaction information in a private order status level.

v1.0 11-Jan-2008

- Initial Release

Payments Pro (Payflow Edition) v3.1

for osCommerce Online Merchant v2.3

PayPal Payments Pro (Payflow Edition) allows credit cards to be accepted directly on your online store during the checkout flow without the customer having to leave the site.

PayPal Payments Pro (Payflow Edition) is bundled with osCommerce Online Merchant and is also available as a separate Add-On package existing store owners can use to upgrade to.

The PayPal Payments Pro (Payflow Edition) payment module supports the following features:

- Process credit cards directly during the checkout flow
- Authorization and Sale transaction methods
- SSL Certificate verified transactions
- Sandbox server to perform test transactions

This document can be found online at:

http://library.oscommerce.com/Package&en&paypal&oscom23&payments_pro_payflow

Features

SSL Certificate Verified Transactions

All secured API transaction calls sent to PayPal are performed by verifying PayPal's SSL certificates to guarantee the identity of PayPal. This is performed by using the following public keys in order if they are available:

- ext/modules/payment/paypal/paypal.com.crt
- includes/cacert.pem (public key bundle)
- the web server configured public key bundle

A test connection link is available on the payment module configuration page which can be used to test if API transaction calls to PayPal can be verified from your web server. If the test connection fails, please contact your hosting provider as they may need to update your web server configuration. The SSL certificate verification can also be disabled on the payment module configuration page however it is highly discouraged to disable.

> Some web hosting providers require a curl proxy to be used which can be configured on the payment module configuration page.

Requirements

PayPal Express Checkout (Payflow Edition)

PayPal Payments Pro (Payflow Edition) requires the additional PayPal Express Checkout (Payflow Edition) payment module to be installed and enabled on your online store. PayPal Express Checkout (Payflow Edition) is bundled with osCommerce Online Merchant and is also available as a separate Add-On package to download.

This module will not function until PayPal Express Checkout (Payflow Edition) has been installed and enabled.

Configuration Settings

Parameter	Description	Default
Enable PayPal Payments Pro (Payflow Edition)	Setting this parameter to *True* makes the payment method available to customers during the checkout flow. The credit and debit card information is entered on the checkout confirmation page.	*True*
Vendor	The merchant login ID that was created when a Payments Pro account was registered.	
User	If one or more additional users are setup on the account, this value is the ID of the user authorized to process transactions. If, however, no additional users were setup on the account, this has the same value as Vendor.	
Password	The 6- to 32-character password that was defined during the registering of the account.	
Partner	The ID provided by the authorized PayPal Reseller who registered you for the Payflow SDK. If the account was purchased directly from PayPal, use PayPalUK.	
Transaction Method	The transaction method to use for payment transactions. The *Authorization* method only authorizes the transaction which can be captured up to 29 days later, and must be captured through your PayPal account page. The *Sale* method instantly transfers the funds to your PayPal account.	*Sale*
Set Order Status	Set the status of orders made with this payment module to this order status level.	*Default Order Status*

Parameter	Description	Default
PayPal Transactions Order Status	PayPal transactions are logged in this private order status level.	*PayPal [Transactions]*
Payment Zone	If set, this payment method will only be available to orders made within the defined zone.	
Transaction Server	The transaction server to use for payment transactions. The *Live* server is for production use to receive payments from customers, and the *Sandbox* server is used to test transactions only.	*Live*
Verify SSL Certificate	Verify PayPal's identity when API communication calls are sent.	*True*
Proxy Server	Send API communication calls through this proxy server.	
Debug E-Mail Address	Send invalid transaction parameters to this e-mail address.	
Sort Order	The position to show the payment method on the checkout payment page against other available payment methods.	

Notes

Line Items

Each product that is ordered is passed on to PayPal as line items to tie to the transaction. This includes extra third-party Order Total modules that manipulate the order total values (eg, discounts). In rare occassions, when the line items, shipping, and tax calculations do not match the order total value, only the order total value is passed onto PayPal without the line items.

Add-On Package

The separate PayPal Payments Pro (Payflow Edition) Add-On package is available at:

http://addons.oscommerce.com/info/5660

Online Demonstration

An online demonstration is available at:

http://demo.oscommerce.com

For the online demonstration, PayPal Payments Pro (Payflow Edition) has been configured with PayPal's Sandbox environment and requires a testing card number for purchases.

Manual Installation (as an Add-On)

After extracting the Add-On package, copy the files located in the *catalog* directory to your osCommerce installation directory on the server. The files must be copied in the correct directory structure as extracted from the Add-On package.

The file listing is as follows:

- ext/modules/payment/paypal/paypal.com.crt
- includes/languages/english/modules/payment/paypal_pro_payflow_dp.php
- includes/modules/payment/paypal_pro_payflow_dp.php

The standard language definitions in English are provided in the Add-On package. For additional languages, copy the English language definition file to the appropriate language directory and open the file with a text editor to edit the language definitions. The location of the language definition file must be in:

- includes/languages/*LANGUAGE*/modules/payment/paypal_pro_payflow_dp.php

When the files have been copied to their appropriate locations, the payment module will be available on the Administration Tool -> Modules -> Payment -> Install Module page where it can be installed, or on the Administration Tool -> Modules -> Payment page if the module was already previously installed.

If the module was already previously installed, it is important to visit the module configuration page to make sure new parameters are automatically installed in the database.

Changelog

v3.1 09-Jun-2014

- v2.2 compatibility updates (jQuery is now injected into the page when it has not been loaded).

v3.0 27-May-2014

- Add line items if line item total calculations matches order total calculations.

- Include PayPal transaction information in a private order status level.

v2.0 20-Aug-2013

- Verify SSL connections with PayPal public key certificate.

- Remove card entry fields from the checkout payment page (now only entered on the checkout confirmation page).

- Add Test Connection link in module configuration page.

v1.1 22-Jan-2008

- Add configuration parameter to control where the card details should be collected; either on the checkout payment or checkout confirmation page. This is needed for 2.2MS2 compatibility which can only collect card details on the checkout payment page.

- Split card owner name into two fields for the first and last name.

**v1.0 11-Jan-2008**

- Initial Release

Log In with PayPal v1.0

for osCommerce Online Merchant v2.3

Log In with PayPal allows guests to authenticate themselves through PayPal and to securely share their personal and shipping address information without the need to create a customer account on your store. The shared information is used to calculate taxes and to retrieve a list of available shipping rates for their order based on their shipping address.

When guests authenticate themselves through PayPal, their default payment method is automatically set to PayPal Express Checkout which they can use without needing to sign into again.

Log In with PayPal is bundled with osCommerce Online Merchant (since v2.3.4) and is also available as a separate Add-On package existing store owners can use to upgrade to.
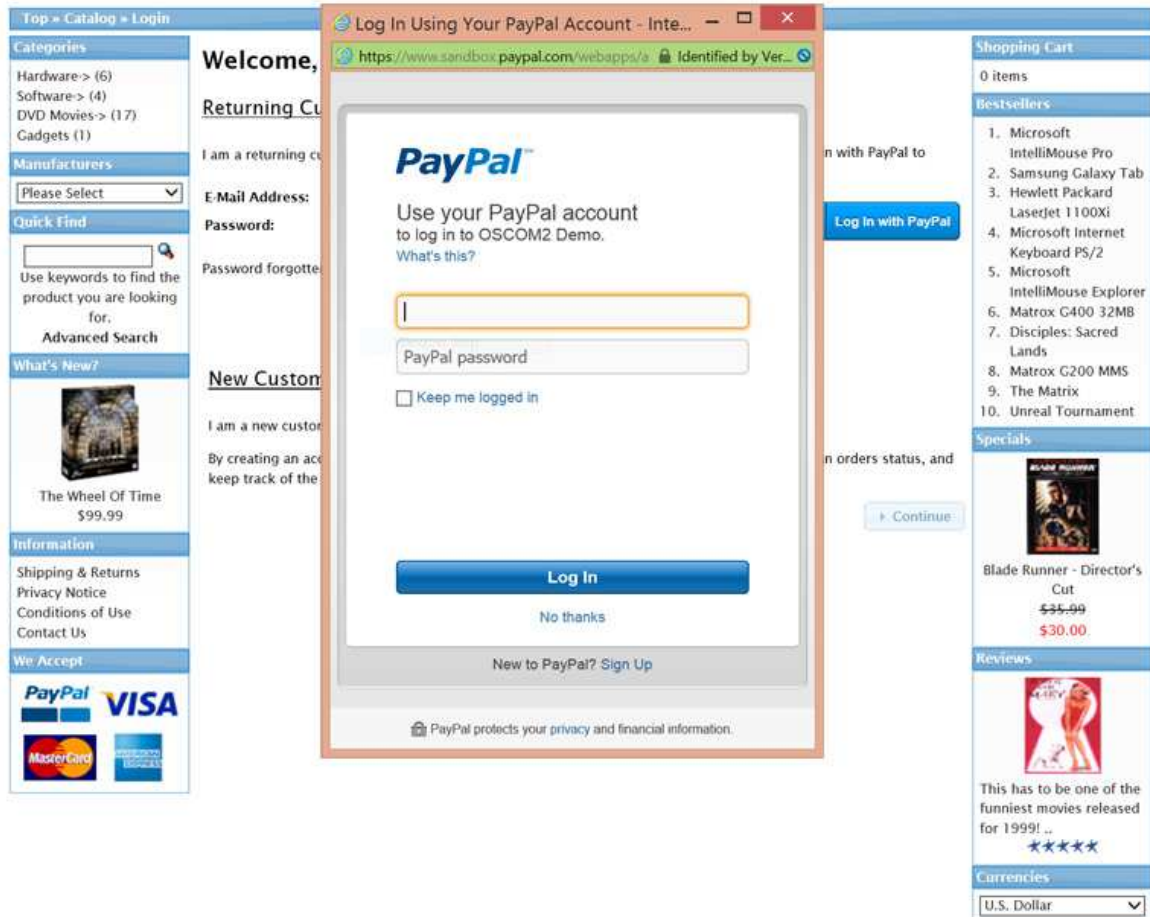
Log In with PayPal Mini-Browser Window

The Log In with PayPal content module supports the following features:

- Seamless Checkout: Customers who Log In with PayPal do not need to log in again for Express Checkout
- SSL Certificate verified API calls
- Sandbox server to perform test logins

This document can be found online at:

http://library.oscommerce.com/Package&en&paypal&oscom23&log_in

Features

Seamless Checkout

Seamless Checkout requires the separate PayPal Express Checkout payment module and allows customers who have logged in through PayPal to proceed straight to the Express Checkout flow without needing to log in again.

The PayPal Express Checkout payment module is bundled with osCommerce Online Merchant and is also available as a separate Add-On package at:

http://addons.oscommerce.com/info/5658

SSL Certificate Verified API Calls

All API calls sent to PayPal are performed by verifying PayPal's SSL certificates to guarantee the identity of PayPal. This is performed by using the following public keys in order if they are available:

- ext/modules/payment/paypal/paypal.com.crt
- includes/cacert.pem (public key bundle)
- the web server configured public key bundle

A test connection link is available on the content module configuration page which can be used to test if API calls to PayPal can be verified from your web server. If the test connection fails, please contact your hosting provider as they may need to update your web server configuration. The SSL certificate verification can also be disabled on the content module configuration page however it is highly discouraged to disable.

> Some web hosting providers require a curl proxy to be used which can be configured on the content module configuration page.

Requirements

Log In with PayPal requires the following:

- PayPal Application; a PayPal Application needs to be created at the PayPal Developer site. The API credentials assigned to the application need to be entered in the module configuration page.
- Content Modules; as Log In with PayPal is a content module, it requires the Content Modules implementation introduced in osCommerce Online Merchant v2.3.4. Please refer to its release notes to add the implementation into your existing store.
- Set Password Content Module; it is important to enable the Set Password content module to automatically replace the My Account -> Change Password link to a Set Password link.

Configuration Settings

Parameter	Description	Default
Enable Log In with PayPal	Setting this parameter to *True* adds the content module to the login page.	*True*
Client ID	The Client ID of the PayPal Application to use.	
Secret	The Secret of the PayPal Application to use.	
Theme	A Blue and Neutral theme is available for the design of the Log In with PayPal button.	*Blue*
Information Requested From Customers	The attributes the customer shares. All attributes are selected by default. The minimum attributes required are defined by a radio button which cannot be deselected. The selected attributes must match the attributes selected in the PayPal Application settings.	***Personal Information*** *Full Name* *Date of Birth* *Age Range* *Gender* ***Address Information*** *Email Address* *Street Address* *City* *State* *Country* *Zip Code* *Phone* ***Account Information*** *Account Status (verified)* *Account Type*

Parameter	Description	Default
		Account Creation Date Time Zone Locale Language **Checkout Express** *Seamless Checkout*
Server Type	The server to use for API calls. The *Live* server is for production use to use with real PayPal accounts, and the *Sandbox* server is used to test with PayPal Sandbox account logins.	*Live*
Verify SSL Certificate	Verify PayPal's identity when API calls are sent.	*True*
Proxy Server	Send API calls through this proxy server.	
Content Width	The width of the login page to utilize to show the Log In with PayPal content. *Full* utilizes the full width of the page, and *Half* only half the width of the page.	*Full*
Sort Order	The position to show the content of Log In with PayPal against other available content modules.	

Notes

Customer Accounts

Log In with PayPal allows guest purchases to be made without the customer needing to create or log into their local store account. As a customer account is needed to track orders, when the customer returns back to the store after logging in through PayPal, either:

- they are automatically logged into their store account matching the same e-mail address, or
- a store account based on their PayPal e-mail address is automatically created with an empty password

Customers cannot log into automatically created store accounts until they set a password on the My Account -> Set Password page, and can continue to log in through PayPal until a password has been set.

> Please note that the sharing of customer email addresses does not authorize your business to email consumers. For any communications not related to a purchase (such as marketing emails, newsletters, and offers), you must continue to present your customers with separate opt-in/out options.

Add-On Package

The separate Log In with PayPal Add-On package is available at:

http://addons.oscommerce.com/info/9067

Online Demonstration

An online demonstration is available at:

http://demo.oscommerce.com

For the online demonstration, Log In with PayPal has been configured with PayPal's Sandbox environment and requires a sandbox account to log into.

Manual Installation (as an Add-On)

After extracting the Add-On package, copy the files located in the *catalog* directory to your osCommerce installation directory on the server. The files must be copied in the correct directory structure as extracted from the Add-On package.

The file listing is as follows:

- ext/modules/payment/paypal/paypal.com.crt
- includes/languages/english/modules/content/login/cm_paypal_login.php
- includes/modules/content/login/cm_paypal_login.php
- includes/modules/content/login/templates/paypal_login.php

The standard language definitions in English are provided in the Add-On package. For additional languages, copy the English language definition file to the appropriate language directory and open the file with a text editor to edit the language definitions. The location of the language definition file must be in:

- includes/languages/*LANGUAGE*/modules/content/login/cm_paypal_login.php

When the files have been copied to their appropriate locations, the content module will be available on the Administration Tool -> Modules -> Content -> Install Module page where it can be installed, or on the Administration Tool -> Modules -> Content page if the module was already previously installed.

If the module was already previously installed, it is important to visit the module configuration page to make sure new parameters are automatically installed in the database.

Changelog

v1.0 27-May-2014

- Initial Release