

## Configure NB Store to process payments using PayPal Website Payment Standard

1. Install NB Store (*not covered here*)
2. Register a PayPal Premiere or Business account and verify your credit card with the account. This may take several days, so do it first. A Business account is exactly the same as a Premiere account, but allows for access by multiple distinct logins/people.
3. The PayPal service being used with NB Store is "Website Payment Standard":  
[https://www.paypal.com/nz/cgi-bin/webscr?cmd=\\_wp-standard-overview-outside](https://www.paypal.com/nz/cgi-bin/webscr?cmd=_wp-standard-overview-outside)
4. Go to <http://nbstore.codeplex.com/Release/ProjectReleases.aspx?ReleaseId=28920> and download the latest NB Store PayPal Gateway
5. Check the readme.txt inside the gateway zip for any breaking changes
6. Install the PayPal Gateway as you would any DotNetNuke module, but then change it to a premium module so that it is not available for adding to pages. (*not covered here*)
7. In your NB Store checkout module settings, select PayPal as the payment gateway.
8. Extra: You may also "Allow non-user order" and "Disable the login message" if your store is meant to be used without requiring user account registration.
9. Go to your store's Back Office, Utilities, Settings tab
10. Look for and edit "PayPal.gateway" or "Add" this as a new setting if not present
11. Edit the following example where indicated to match the structure of your website and your PayPal account:

```
<root>
<paymentURL>https://www.paypal.com/xclick</paymentURL>
<verifyURL>https://www.paypal.com/cgi-bin/webscr</verifyURL>
<PayPalID>sales@mywebsite.com</PayPalID>
<CartName>MyWebsiteName</CartName>
<ButtonImageUrl>/Desktopmodules/NB_Store/img/paypal60x38.gif</ButtonImageUrl>
<Currency>USD</Currency>
<ReturnURL>http://www.mywebsite.com/Checkout/tabid/1464/stg/5/ordID/[ORDERID]/Default.aspx?
PayPalExit=RETURN</ReturnURL>
<ReturnCancelURL>http://www.mywebsite.com/Checkout/tabid/1464/stg/5/ordID/[ORDERID]/Default.
aspx?PayPalExit=CANCEL</ReturnCancelURL>
<ReturnNotifyURL>http://www.mywebsite.com/Checkout/tabid/1464/stg/4/Default.aspx</ReturnNotify
URL>
<MerchantLanguage>en</MerchantLanguage>
</root>
```

12. Take note of the coloured comments:

- Gray items should remain as they are
- sales@mywebsite.com - This is your PayPal account ID - It is the email address you registered your account with. You can add additional email accounts via the PayPal Profile tab in your PayPal account.

- **MyWebsiteName** - This is the name that displays at the top of the PayPal payment page. Normally this will be the name of your business or website.
  - **USD** is the ISO 4217 currency code for your desired payment currency ([http://en.wikipedia.org/wiki/ISO\\_4217](http://en.wikipedia.org/wiki/ISO_4217)) - Please ensure that your selected currency is supported for your PayPal account.
  - **<http://www.mywebsite.com/Checkout/tabid/1464>** - Browse to the page on your website that contains the checkout module. Then copy the address up to the tab ID number as indicated here in orange. Paste it into the code in the three places indicated.
  - **en** is the ISO 639-1 language code ([http://en.wikipedia.org/wiki/List\\_of\\_ISO\\_639-1\\_codes](http://en.wikipedia.org/wiki/List_of_ISO_639-1_codes)) - This determines the language the PayPal page is displayed in.
13. Once you have modified the code above to match your requirements, copy and paste it into the PayPal.gateway setting in NB Store and click Update.
14. Extra: If you are not prepared to configure and test your store using live payments, you may attempt to use the PayPal Sandbox mode. To do so, you must sign up for a developer account at PayPal, remain signed into the account during all tests, and replace the first two lines of the gateway code with these:
- ```
<paymentURL>https://www.sandbox.paypal.com/xclick</paymentURL>
<verifyURL>https://www.sandbox.paypal.com/cgi-bin/webscr</verifyURL>
```
- Note from the author: *I have personally found it quicker, more reliable and more effective to bypass Sandbox mode testing and process a couple of \$1 live payments instead.*
15. Select and copy the following item marked here in red, from your PayPal gateway code:
- ```
<ReturnNotifyURL>http://www.mywebsite.com/Checkout/tabid/1464/stg/4/Default.aspx</ReturnNotifyURL>
```
16. Sign into your PayPal account at [www.paypal.com](http://www.paypal.com)
17. Go to My Account, Profile, Selling Preferences, Instant Payment Notification, click "Edit IPN Settings"
18. Paste the copied code into the Notification URL field, click the radio button to "Receive IPN messages (Enabled)" and then Save.
19. Test your new gateway
- Ensure that you have specified suitable email addresses in Settings, administrator.email, merchant.email and store.email, and that your DNN website is able to send emails when you test this in Host, Host Settings, SMTP Server Settings - Test.
  - Create a \$1 product and purchase it.
  - You can repeatedly click all the way through your checkout to the PayPal payment page, checking that everything is working satisfactorily before you attempt to process your first payment.
  - You should also try cancelling out of the PayPal page using "Cancel and return to merchant". Make sure it behaves as expected.
  - When you do finally process a payment, note that PayPal may or may not allow you to use your credit card without signing in, depending on whether it recognises the email address you have used. You also cannot make a payment to your own credit card. I suggest testing credit card payments using a secondary email address that is not registered with PayPal.

- f. Upon successful payment, you will be returned to the checkout page on your website where your order will be displayed. If the website is using anonymous (non-user)checkout, then this is the only time the buyer will see the order on the website. They will of course receive the same content by email.
- g. Also examine the order in the Back Office, Orders tab and ensure the status indicates "Payment OK"
- h. If you simply cannot afford to make a \$1 payment, then you can opt to refund it.

## 20. Trouble-shooting

- a. Look and look again at the paths marked in orange in the same code. Check the path to your own checkout page. Ensure you have done this correctly.
- b. If you do not specify the IPN URL in your PayPal profile, you will still be able to process credit card payments, but payments made via PayPal accounts may show as "Payment not verified".
- c. If you are getting strange fees added to the price, or any other odd behaviours, consider whether your PayPal account was ever configured for any other purposes. You may have applied special charges or shipping fees. These are all accessible in the PayPal Profile tab - Check and ensure everything is clear.

## 21. Refinements

- a. The following two email templates should be edited to display additional information to the buyer.
  - i. `order.email.template` - This template is delivered by email to both the customer and to the store owner. Because it is not displayed on the website, it will not pick up your website CSS. You should ensure that it is formatted with self-contained fonts and styles. It is worth copying the code out into a separate HTML editor and formatting it there before pasting it back in. It is also worth adding a store logo or header to this template. If you do so, make sure you specify the full, absolute path to the image file on your server.
  - ii. `order.text.template` - This template contains the same information as `order.email.template`, but it need not contain its own formatting and styles because it will be displayed within the pages of the website - Both when the buyer returns to the website after a successful payment, and at any time in the order manager module.
- b. It is worth providing a suitable message informing and instructing your buyers about the PayPal payment option. To do this, edit the `"gatewaymsg.text"` template or "Add" it under the Utilities, Templates tab if it does not exist. The message typed here will display on the last page of the checkout process, just above the PayPal graphic (`paypal60x38.gif`) specified in the gateway code.
- c. You can use different PayPal payment image buttons as desired. It might for example be preferable to use one that also displays the various credit cards accepted. Just make sure they are official ones for your area. They are available at [PayPal.com](https://www.paypal.com). Simply add the new graphic to your server and alter the `"ButtonImageUrl"` setting in the gateway code to point to it.
- d. You can add your own logo or banner to the PayPal payment page. Set this up in your PayPal Profile section under Custom Payment Pages. Caveat: The banner file must reside on a secure server if you want to avoid triggering SSL warnings in the buyer's browser.