Paypal sandbox configuration in magento

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Here we are going to learn that how to configure & integrate "Paypal Sandbox" in our magento site.

You will have to follow these steps to do so:

Step 1:

Go to developer.paypal.com and log in to your account. If you do not have an account yet, create one.

Step 2:

Now login to your mailbox and verify the account. Here you might have to login again using the password you choose at the time of creating the account. After Successful login, you will be redirected to your dashboard as shown below:


Step 3:

Go to "Accounts" tab. Here you will find two pre-configured accounts as follows:
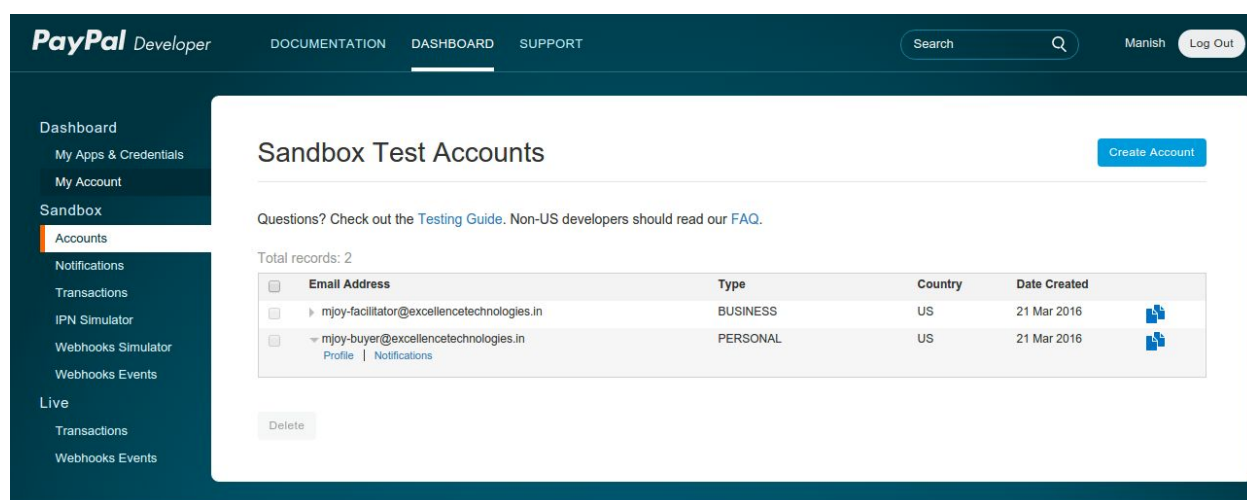
Here, mjoy-facilitator@excellencetechnologies.in is the merchant's test account and mjoy-buyer@excellencetechnologies.in is the buyer's test account.

Step 4:

Now click on mjoy-facilitator@excellencetechnologies.in (Merchant's account) and then click on "Profile". You will get a pop-up like:
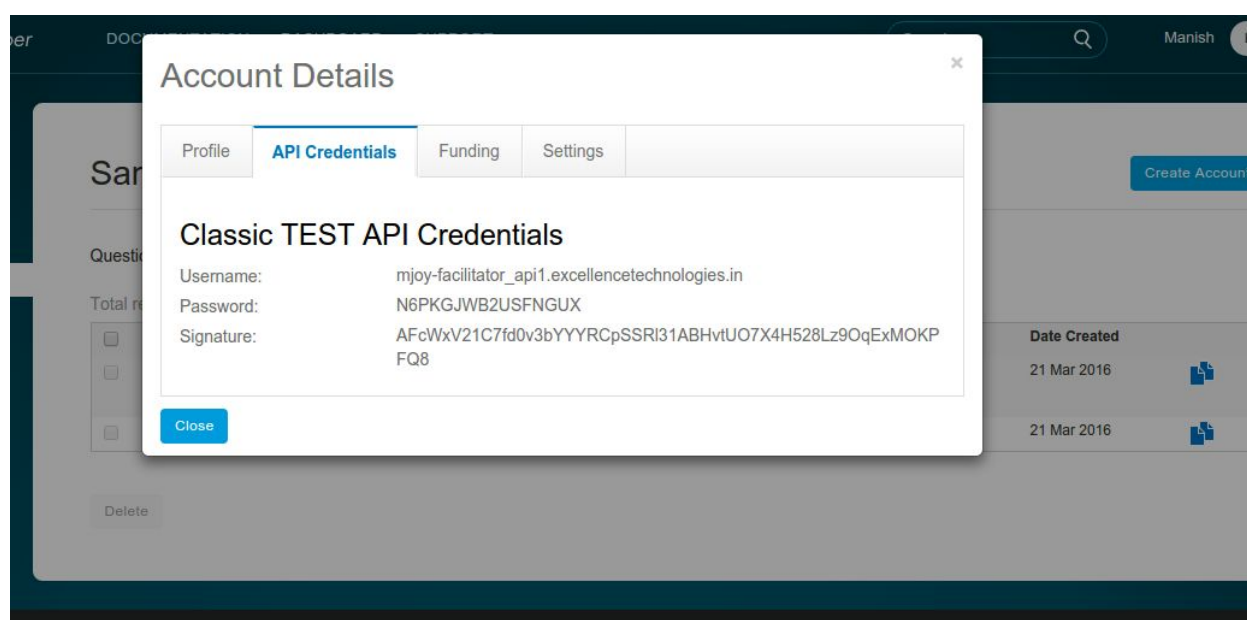
These popup contains the information that is to be used in magento to configure.

Step 5:

Login to your magento admin panel. Now go to System -> Configuration -> Sales -> Payment Method

Click on "PayPal Express Checkout" Group on right side of the panel and explore it as follows:

Now Click on "Configure" button and it will explore options like this:

Enter the email id used to login to PayPal Sandbox in "Email Associated with PayPal Merchant Account" field.

In step 4, you have received the Username, Password and Signature in the popup window. Enter those credentials into API Username, API Password & API Signature fields respectively.

Set "Sanbox Mode" mode to Yes.

Now you are all set. The Gateway is configured and integrated.

Testing the gateway integration:

Now after correctly following above steps, when you go to your front end and open any product, then you will see "Checkout with Paypal" button under "Add to Cart" button
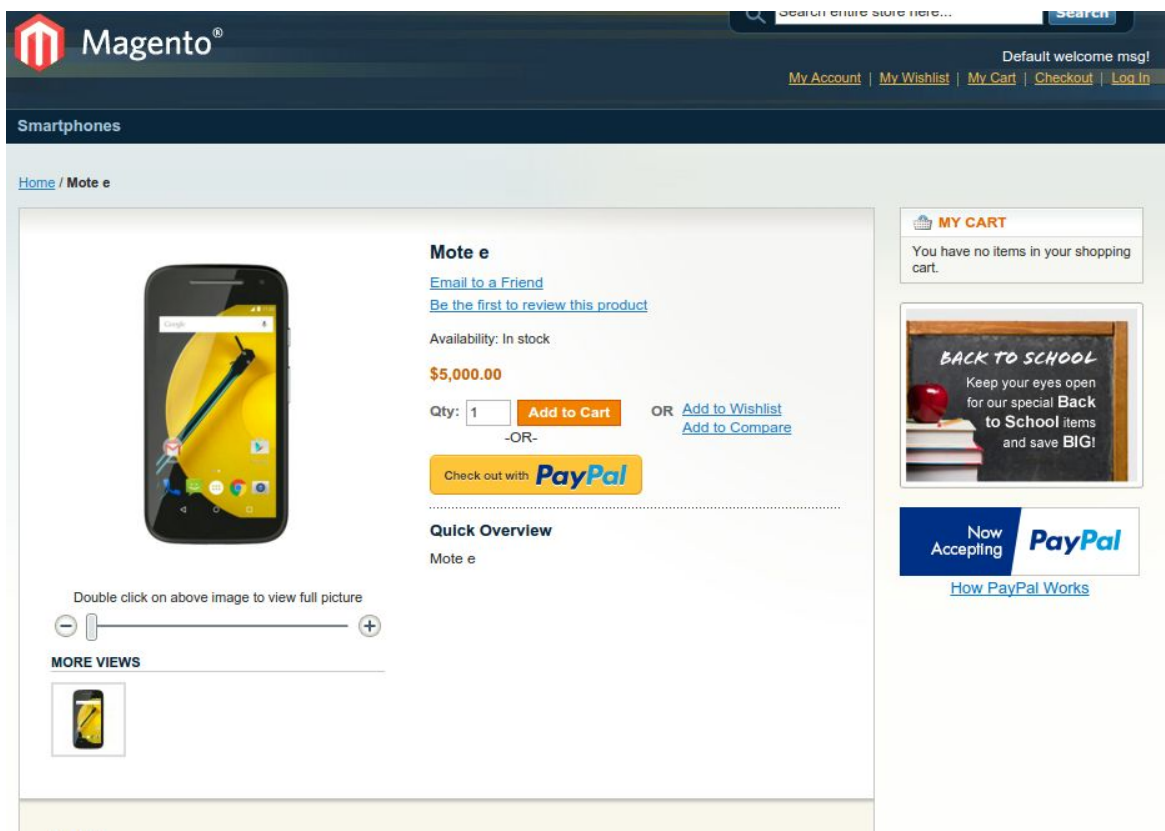
When you add product to cart, you may see the same button in the sidebar "My cart" block as well
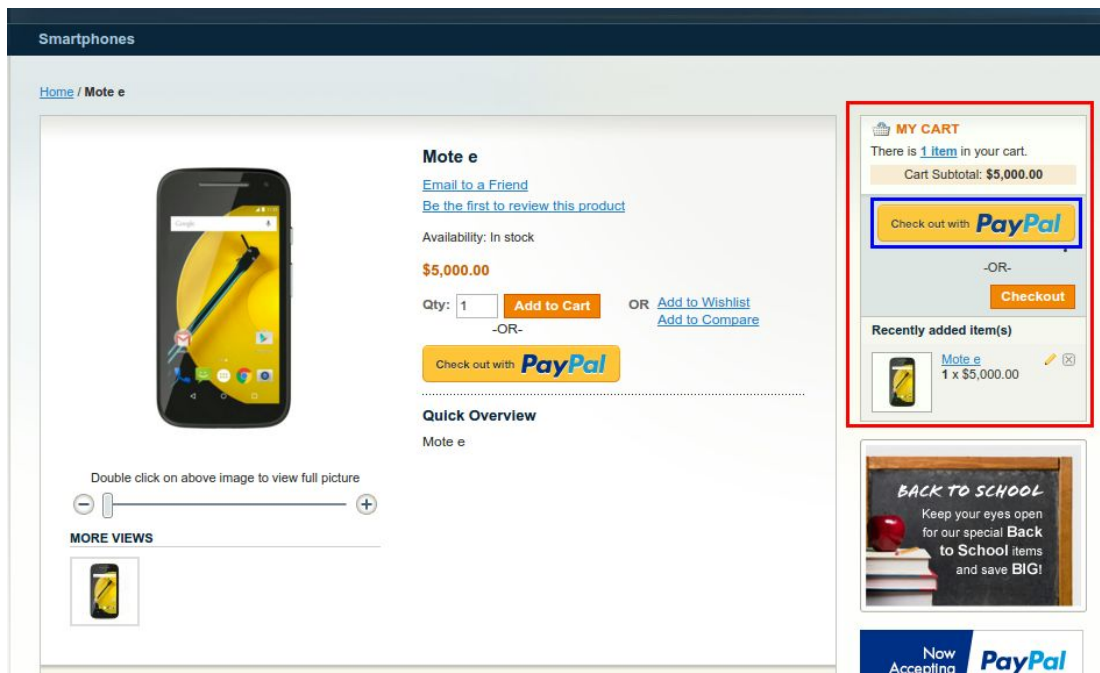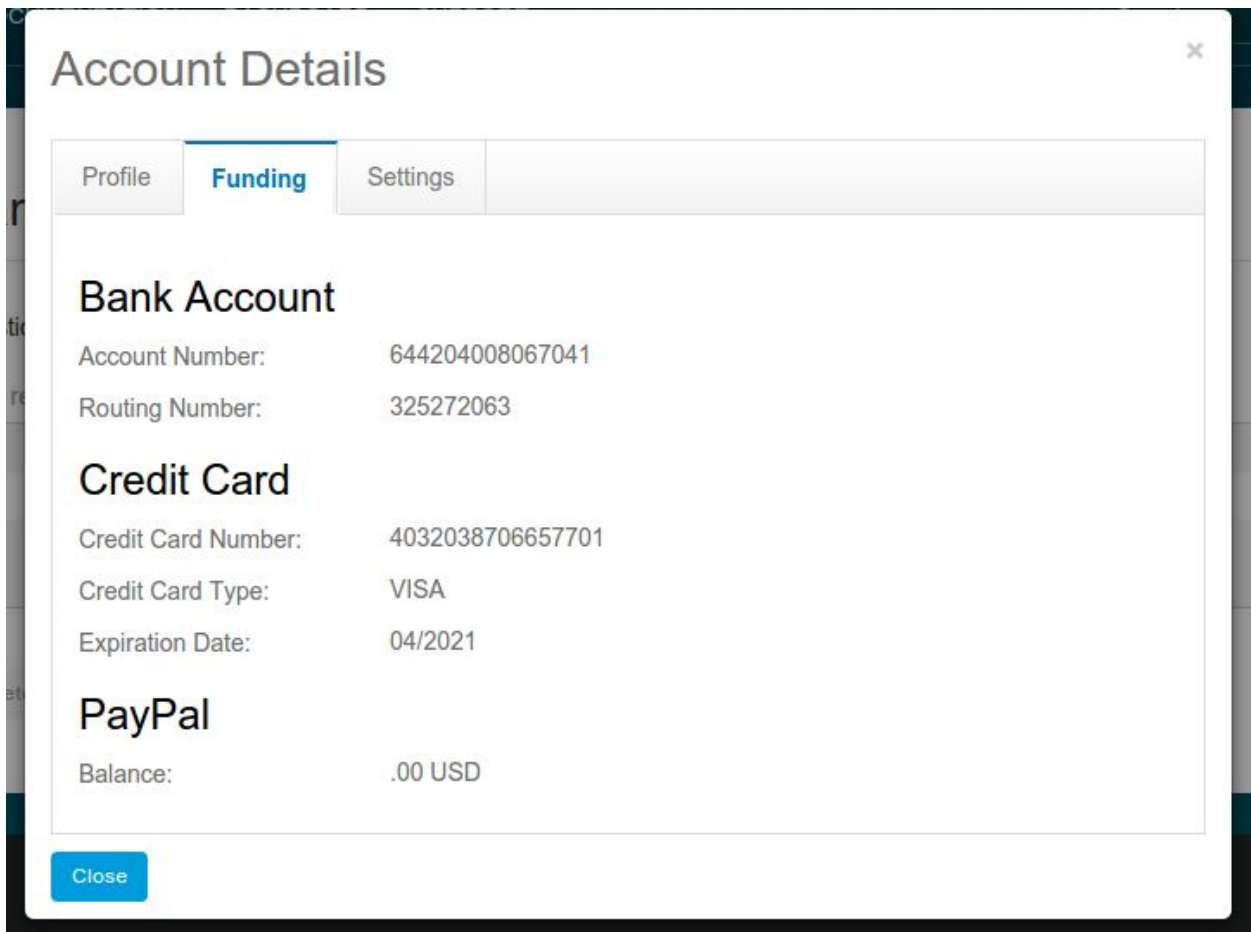
Now click on the "Checkout with PayPal" button and you will be redirected to the paypal payment page. Use your Buyer's test account and password to login to it and make the payment.

You May also do checkout through alternate method. When you have added product to cart then click on checkout and under payment section, you will find find PayPal 7 PayPal Credit payment methods. Choose any one and click continue and you will be redirected to the PayPal website. Now use the method explained above to make the payment.

Extras:

In sandbox dashboard, when you click on mjoy-buyer@excellencetechnologies.in (i.e. the buyer's test account) and click on profile then you will find a popup window containing some information as follows:

You may use this information to checkout using paypal credit. When you first time login to your sandbox account then you will find some balance (Virtual) in in buyer's account. As i have used my balance to buy products during test so its showing .00 USD over here.

Instant Payment Notification:

Instant Payment Notification (IPN) is a message service that automatically notifies merchants of events related to PayPal transactions. Merchants can use it to automate back-office and administrative functions, including automatically fulfilling orders and providing customers with order status.

Instant Payment Notification (IPN) notifies merchants almost instantly about transaction events, such as:

- Payments received, including Express Checkout, and Adaptive Payments.
- Credit card authorizations.
- eCheck payments and related pending, completed, or denied status events.
- Recurring payments and subscription actions.

● Chargebacks, disputes, reversals, and refunds.

Setting up IPN:

To setup IPN and enable/disable IPN, you need to follow these steps:

1. Log in to your PayPal business account at www.paypal.com.
2. Click the profile icon on the top right side of the page. From the Business Profile menu, select Profile and Settings, then select My selling tools
3. Click the Update link in the Instant payment notifications row, in the Getting paid and managing my risk section.
4. If you don't find these options, simply login to your PayPal business account at www.paypal.com and go to https://www.paypal.com/in/cgi-bin/?cmd=_profile-ipn-notify&fli=true. Here you will find the options as follows:

5. Click on "Choose IPN Settings" button. It will open following window:

6. Enter your notification URL (IPN URL) which is generally in format of https://mystore.com/paypal/ipn in case of magento. Otherwise it might be different that you need find out.
7. In IPN Messages section, choose "Receive IPN messages (Enabled)" if you want to enable IPN otherwise choose "Do not receive IPN messages (Disabled)".
8. Click "Save" and you are all set to use IPN. It will show message like follows on successful setup:

Instant Payment Notification (IPN)   Back to Profile Summary

You have turned on the IPN feature. You can view your IPNs on the IPN History page. If necessary, you can resend IPN messages from that page. For more information on using and troubleshooting this feature, read more about Instant Payment Notification (IPN).

To stop receiving IPNs permanently, click **Turn Off IPN.**

Current settings

Notification URL   https://mycompany.com/ipn_handler

Message delivery   Enabled

[Edit settings]   [Turn Off IPN]

That's all folks!