MAGENTO INSTALLATION AND TESTING GUIDE

WHAT IS MAGENTO?

Magento is a content management system for e-commerce websites. It provides merchants with the following capabilities:

- Accept payments via the Internet
- Advanced search engine optimization and catalog management tools to control look, content and functionality
- Simple inventory management, batch product import/export, location-based tax rates, and additional product attributes
- Various payment and shipping methods
- Easy navigation for Customers, as well as advanced product filtering and comparison
- Integration with 3D secure module for additional customer payment security

MAGENTO INSTALLATION

1. Download latest version of Magento from the official website:
   https://www.magentocommerce.com/download
2. Follow the official installation tutorial:
   https://www.siteground.com/tutorials/magento/magento_installation.htm

Once you've completed this installation process, you can proceed to the settings configuration step.

MAGENTO CONFIGURATION

- Payment methods, shipping methods, and page management:
  https://www.siteground.com/tutorials/magento/magento_configuration.htm
- Bulk product adding:
  https://www.siteground.com/tutorials/magento/import-products.htm
- Inventory management:
  https://www.siteground.com/tutorials/magento/magento_quantity.htm
- Category creation and management:
  https://www.siteground.com/tutorials/magento/magento_category.htm
- Product price management:
  https://www.siteground.com/tutorials/magento/magento_price.htm
- Advanced use:
  https://www.siteground.com/tutorials/magento/

GATEWAY MODULE INSTALLATION

You can install your gateway module either manually or using Magento Connect. Tutorials for each are as follows:

- Magento Connect:
  https://www.siteground.com/tutorials/magento/magento_connect.htm

- Manual Installation:
  http://fbrnc.net/blog/2014/11/how-to-install-a-magento-module

Once module installation is complete, proceed to the Magento Admin Panel and proceed with the configuration.

1. Choose **System > Configuration** from the primary navigation menu
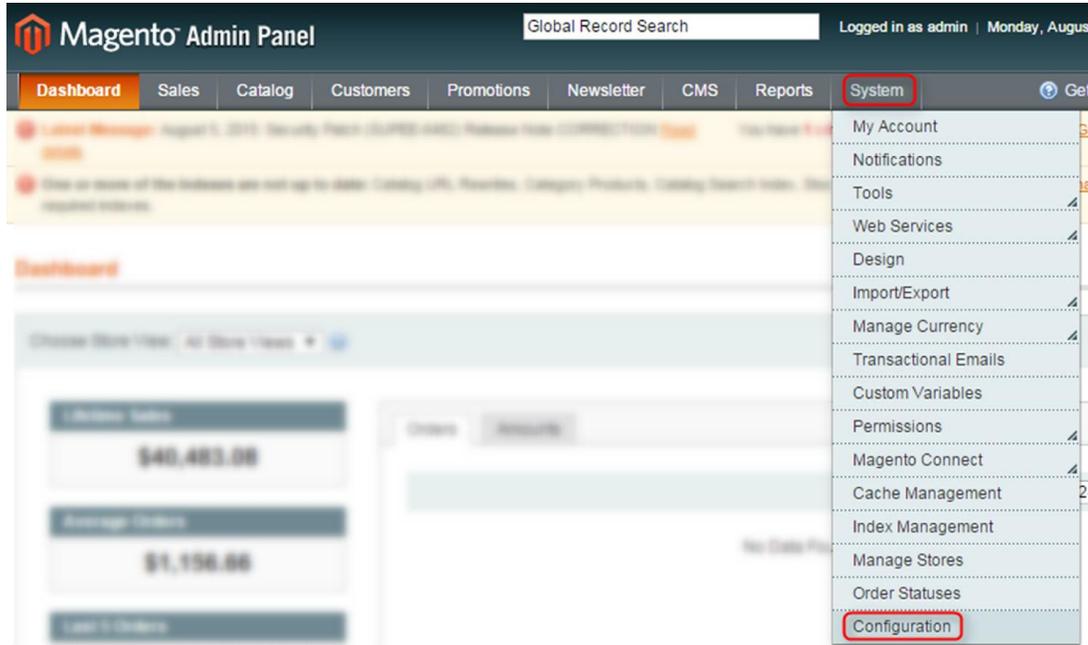
2. Choose **Sales => Payment Methods** from the **Configuration** menu in the left column
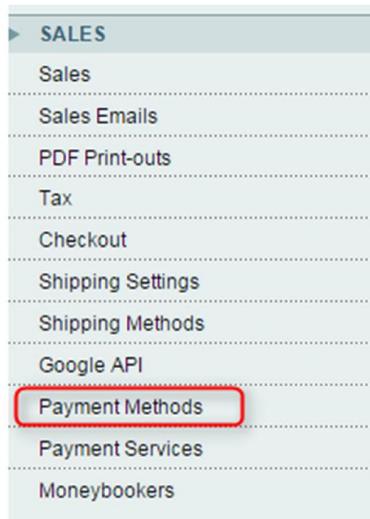
3. Click to expand your gateway option from within the list of available **Payment Methods**
4. To enable your gateway, select 'Yes' from the **Enabled** dropdown menu
5. For **Title**, enter the display name of your payment method that will be visible by your customers

6. Configure your **Gateway Settings**:
   a. Enter your merchant account into the **Merchant Account** textbox
   b. Enter your username into the **Username** textbox
   c. Enter your password into the **Password** textbox
   d. Enter your gateway URL into the **Gateway URL** textbox
   e. To enable 3D Secure, select 'Yes' from **3D Secure Card Validation** dropdown menu

7. Configure your **Other Settings**:
   a. Select 'Sale' from **Payment Action** dropdown menu
   b. Select 'Processing' from **New Order Status** dropdown menu
   c. Select 'No' from **Debug** dropdown menu
   d. Select 'US Dollar' from the **Accepted Currency** dropdown menu
   e. Choose your accepted **Credit Card Types**:
      i. Visa
      ii. MasterCard
      iii. Discover
      iv. American Express

f. If you'd like payment cards to be verified by the system, select 'Yes' from **Credit Card Verification** dropdown menu

g. Configure your country preferences:

   i. **All Allowed Countries** will allow payments from all over the world

   ii. **Specific Countries** allows you to select accepted countries from a displayed list

h. As partial authorization is not supported, you must select 'No' from **Allowed Partial Authorization** dropdown menu

Other Settings		
Payment Action	Sale ▼	[WEBSITE]
New Order Status	Processing ▼	[WEBSITE]
Debug	No ▼	[WEBSITE]
Accepted Currency	US Dollar ▼	[WEBSITE]
Credit Card Types	American Express / Visa / MasterCard / Discover / Other	[WEBSITE]
Credit Card Verification	Yes ▼	[WEBSITE]
Payment from Applicable Countries	All Allowed Countries ▼	[WEBSITE]
Payment from Specific Countries	Cambodia / Cameroon / Canada / Cape Verde / Cayman Islands / Central African Republic / Chad / Chile / China / Christmas Island	[WEBSITE]
Sort Order		[WEBSITE]
Allow Partial Authorization	No ▼	[WEBSITE]

Congratulations! You have successfully completed installing and configuring both Magento and the Gateway Module!

GATEWAY MODULE TESTING

Once the module installation and configuration is completed, you can follow the below procedures to test if it is functioning as intended:

1. Proceed to your Magento site's customer-facing front-end (you may use http://magento.unitedthinkers.com/ for practice)
2. Choose any product, populate any required options, then press the **Add to cart** button (you will be taken to the *Shopping Cart*)
3. On the *Shopping Cart* page, confirm your selections, then press the **Proceed to checkout** button
4. On the *Checkout* page, choose one of the following options
    a. Checkout as a guest
    b. Register and checkout
    c. Sign in to existing account and checkout
5. Enter your billing information
6. Enter your shipping address, or choose *Ship to this address*, then press the **Continue** button
7. Choose any *Shipping Method*, then press the **Continue** button
8. If you have configured Gateway module correctly, you should see its custom name listed in the *Payment Information*, e.g.: http://i.imgur.com/6GlHHPI.png.
9. Choose your new payment method, then press the **Continue** button
10. On the *Order Review* step, confirm your selections. If they are correct, press the **Place Order** button
11. You should be redirected to the *Secure Payment Form*, e.g.: http://i.imgur.com/CIX0WdU.png
12. Enter your card information, then press the **Calculate Charges** button
    a. Note: At this step, you may cancel your order by pressing the **Cancel Request** button. Upon doing so, you will be redirected to the *Shopping Cart* page.
13. Upon transaction approval, you will be redirected your Magento site's *Order Confirmation* page, e.g.: http://i.imgur.com/kQDxQ4i.png.
    a. Note: If your transaction is declined, you will be redirected to your Magento site's *Error* page.