

Introduction to Magento E-Commerce

Introduction

- Magento is an enterprise-class e-Commerce platform – currently running version 2
- Available in two editions: Magento Open Source (formerly “Community Edition”) & Magento Commerce (“Enterprise Edition”). Magento offers two versions for Commerce: Starter (\$1,988/month) & Pro (\$3,417/month)
- Magento was built ‘from the ground up’ to cater to enterprise or “top of vertical” customers
- Its greatest strengths lie in its ability to handle heavily-customised product attributes and shopping cart experience via the use of Magento Extensions
- For most small-to-medium businesses, the Magento Open Source will suffice

Magento Technical Requirements

Technical Requirements

- Magento is known for being “resource hungry”. So it is best to host Magento with a reliable and Magento-reliable web host.
- **DO NOT** host Magento on a shared or cheap server.
- Before installing Magento, ensure your web host offers a technical environment that meets Magento’s technology stack requirements:
- <http://devdocs.magento.com/guides/v2.2/install-gde/system-requirements-tech.html>

Download Magento

Download Magento Open Source

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Full Release with Sample Data (ZIP with sample data)

Learn more about Magento Open Source 2.2 in the [User Guide »](#)

ver 2.2.2

-Added Dec 12, 2017

[Magento Open Source 2.2.2](#)

[DOWNLOAD](#)

We are pleased to present Magento Open Source 2.2.2. This release introduces our new streamlined Instant Purchase option, integrated dotmailer marketing automation software, and Magento Shipping, which provides integrated advanced multi-carrier shipping and fulfillment. It also includes numerous functional fixes and enhancements plus a substantial number of contributions from the wider Magento community. See [Magento Open Source 2.2.2 Release Notes](#) for more information.

<https://magento.com/tech-resources/download>

Install Magento

Installation

- Before you begin, make sure that:
 - Your system meets the requirements discussed in [Magento System Requirements](#).
 - You completed all prerequisite tasks discussed in [Prerequisites](#).
- Some technical expertise is required to install Magento
- Magento can be installed via Web Setup Wizard or the Command Line
- Best approach is to get your web host to install Magento for you

<http://devdocs.magento.com/guides/v2.2/install-gde/bk-install-guide.html>

Installation

- There are six steps that need to be completed in order to successfully install Magento

[Step 1. Readiness check](#)

[Step 2. Add a Database](#)

[Step 3. Web Configuration](#)

[Step 4. Customize Your Store](#)

[Step 5. Create Admin Account](#)

[Step 6. Install](#)

<http://devdocs.magento.com/guides/v2.2/install-gde/bk-install-guide.html>

Admin Login

Admin Login

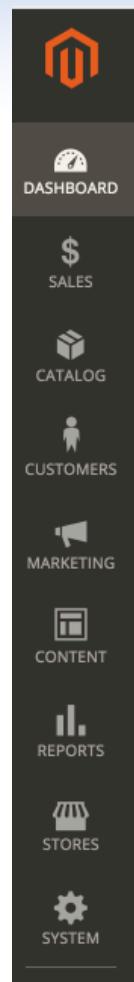
- To access your Magento Admin:
 - https://yoursite.com/admin_****/



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Dashboard

Dashboard



! This is only a demo store. You can browse and place orders, but nothing will be processed.

! One or more of the Cache Types are invalidated: Configuration, Page Cache. Please go to [Cache Management](#) and refresh cache types.

System Messages: 3 ▾

Dashboard



[Reload Data](#)

Advanced Reporting

Gain new insights and take command of your business' performance, using our dynamic product, order, and customer reports tailored to your customer data.

[Go to Advanced Reporting](#) ↗

Lifetime Sales

\$0.00

Chart is disabled. To enable the chart, click [here](#).

Revenue
\$0.00

Tax
\$0.00

Shipping
\$0.00

Quantity
0

Average Order

\$0.00

Cache Management

The screenshot shows the Magento Admin Panel's System section. On the left sidebar, under the Tools category, the 'Cache Management' link is highlighted with a red box. In the main content area, the 'Cache Management' page is displayed. At the top right of this page, there is a prominent orange button labeled 'Flush Magento Cache' which is also highlighted with a red box. Below the button, there is a toolbar with a 'Refresh' button and a 'Submit' button, which is also highlighted with a red box. A yellow message bar at the top right of the page states 'Nothing will be processed.' The main table lists various cache types with their descriptions, tags, and status. Several rows in the table are highlighted with red boxes: the first row for 'Configuration', the second row for 'Layouts', the eighth row for 'Page Cache', and the last row for 'Integrations Configuration'. The 'Status' column for these rows shows 'INVALIDATED' or 'IN VALIDATED' in red text.

Cache Type	Description	Tags	Status
Configuration	Various XML configurations that were collected across modules and merged	CONFIG	INVALIDATED
Layouts	Layout building instructions	LAYOUT_GENERAL_CACHE_TAG	ENABLED
Blocks HTML output	Page blocks HTML	BLOCK_HTML	ENABLED
Collections Data	Collection data files	COLLECTION_DATA	ENABLED
Reflection Data	API interfaces reflection data	REFLECTION	ENABLED
Database DDL operations	Results of DDL queries, such as describing tables or indexes	DB_DDL	ENABLED
EAV types and attributes	Entity types declaration cache	EAV	ENABLED
Page Cache	Full page caching	FPC	INVALIDATED
Customer Notification	Customer Notification	CUSTOMER_NOTIFICATION	ENABLED
Integrations Configuration	Integration configuration file	INTEGRATION	ENABLED

Add Products

Add Products

You can browse and place orders, but nothing is available.

Types are invalidated: Configuration, Page Cache, and Cache types.

Products

Add Product

Actions	ID	Thumbnail	Name	Type	Attribute Set	SKU	Price	Quantity	Visibility	Status	Action
<input type="checkbox"/>	1		Handmade Pineapple Tarts	Simple Product	Default	00246	\$28.60	300.0000	Catalog, Search	Enabled	Edit
<input type="checkbox"/>	2		Yuzu Pineapple Rolls	Simple Product	Default	00247	\$30.50	200.0000	Catalog, Search	Enabled	Edit

Add Products

Handmade Pineapple Tarts



pinegarden ▾

← Back

Add Attribute

Save



Enable Product



Yes

Attribute Set

Default



Product Name *

Handmade Pineapple Tarts

SKU *

00246

Price *

\$ 28.60

[Advanced Pricing](#)

Weight

kgs

This item has weight



Tax Class

None

Categories

Promotions

Chinese New Year

[New Category](#)

Quantity [global]

300

[Advanced Inventory](#)

Visibility

Catalog, Search

Stock Status [global]

In Stock

Set Product as New From

From



To

To



Country of Manufacture

Additional Product Attributes

- Content
- Configurations
- Product Reviews
- Images And Videos
- Search Engine Optimization
- Related Products, Up-Sells, and Cross-Sells
- Dynamic Product Options
- Design
- Schedule Design Update
- Gift Options
- Downloadable Information

Add Categories

Add Categories

The screenshot shows the WIA Catalog interface. On the left, there's a sidebar with icons for Dashboard, Sales, Catalog (which is selected and highlighted with a red box), and Customers. The main area has tabs for Catalog, Products, and Categories (also highlighted with a red box). Below these are Product Options Templates and a search bar.

In the center, a modal window titled "Chinese New Year (ID: 7)" is open. At the top right are "Delete" and "Save" buttons. On the left of the modal, there are two buttons: "Add Root Category" and "Add Subcategory", both highlighted with a red box. To the right of these buttons is a tree view of categories under "Menu (40)". The "Chinese New Year" category is expanded, showing it has 32 subcategories. Other collapsed categories include Promotions (9), Cakes (12), Occasions (0), Catering (0), About Us (0), FAQ (0), and Bakery (0).

The main content area of the modal is divided into sections: "Enable Category" (set to Yes), "Include in Menu" (set to Yes), and "Category Name" (set to "Chinese New Year"). This entire section is also highlighted with a red box. Below this are sections for "Content", "Display Settings", "Search Engine Optimization", and "Products in Category".

The "Products in Category" section contains a table with 32 records found. The table has columns for ID, Name, SKU, Price, and Position. The first three rows are highlighted with a red box:

	ID	Name	SKU	Price	Position
<input checked="" type="checkbox"/>	41	Prosperity Hamper	00285	\$103.00	10 10
<input checked="" type="checkbox"/>	40	Steam Orh-Ni (Yam Paste)	00284	\$20.00	10 10
<input checked="" type="checkbox"/>	39	Crispy Cuttlefish	00283	\$25.30	10 10

Questions?