



# M-CONNECT MEDIA'S MAGENTO® 2 EXTENSION INSTALLATION GUIDELINE

## **About Company:**

M-Connect Media relishes top in the list of top ecommerce solution providers across the globe thanks to its skill sets in Magento® 2 development. The team of developers for Magento® 2 is updating its knowledge base with each innovation in the Magento developer community.

MCM portfolio for Magento projects boasts with 800+ Magento stores for known to emerging ecommerce brands around the world. Moreover, product base approaches of M-Connect Media has yielded 70+ M-Connect Magento® extensions for a broad range of applications for aspiring Magento® ecommerce storefronts.

With increased focus on extension development, and benefiting our patrons by our expertise in the development of high-end and high ROI focused extensions for Magento® 2, we are pleased to release a complete guideline on Extension Installation for M-Connect Magento® 2 in a comprehensive manner.

Official Company Website: [www.mconnectmedia.com/](http://www.mconnectmedia.com/)

## **Company Products:**

- o [Extension for Magento 1](#)
- o [Extension for Magento 2](#)

## **Overview**

Being a technical document, our present guideline completed in a technical sense. However, we have tried to make it simple and comprehensive for any non-tech power user or existing Magento store manager with prior knowledge and experience with Magento® stores of previous versions.

Our aim is to provide a guideline that leads to smooth and soothing extension installations of Magento® 2.

### **Updates, Comments and Suggestions**

We are a team of progressive nature of Magento® developers who are always scrappy to know values of their contributions in life and professions of their esteemed clientele to update their knowledge, skills, and experiences in the field of Magento® extension development.

Therefore, we warmly invite anyone who has used our Magento® extensions of any version including Magento® 2 to drop their comments, valuable suggestions, and feedback of any kind. It may prove inspirations for us to improve our next products and our overall performance.

For more information on our services or to suggest us sometime, contact us at: [cs@mconnectmedia.com](mailto:cs@mconnectmedia.com)

### **Understanding Standard Magento® 2 Extension Installation Process in a Nutshell**

With Magento® 2, the Magento® Platform has revamped its look, design, and experiences to make it contemporary in ever-changing ecommerce horizon. Therefore, it has smoother and sleeker UI set for all purposes and new dashboard to bring intuition more.

If you are familiar with the interface of past versions of Magento® like Magento® 1x, you need to encounter a bit changed installation procedure and UI in the latest versions of Magento® 2x. You can go through our step-by-step guidelines for installations of Magento® 1X and previous versions at [Magento Extension Installation Guidelines \(Step by Step\)](#) blog.

Magento Connect Manager is missing in a recent upgrade to Magento® 2x. Therefore, with Magento 2x versions, you have following three ways to accomplish Magento® 2 extension installations:

- [Magento Component Manager](#)
- [Composer \(Command Line Execution\)](#)
- [Manual Installation](#)

### Installation

#### Pre-Installation Checklist:

Pre-Installation Checklist for Magento 2 Extension:

##### ➤ Backup

Since composer method and direct file transfer method via source code involves dealing with source code, so chances are high to disrupt the Magento® store functionality or feature with any small to big mistake or mishap. Therefore, taking a backup prior to doing anything is the best precautionary method to implement. There are multiple backup practices used in industry, but following are the most recommended ones.

#### Backup your database

- Using built-in backup system of Magento®
  - Using the command line
  - Using phpMyAdmin
- 
- ✓ Backup app folder from root directory of Magento® source code
  - ✓ Check your 'Cron' is running
  - ✓ If you have compilation enabled for your site, disable it
  - ✓ Turn on Configuration Cache
  - ✓ Close all admin windows

Let's check only most recommended things in brief:

#### Backup your Database

##### ➤ Using Built-in Backup System of Magento

Magento® platform offers built-in backup system and you can use it explicitly without any doubt. In order to access the same:

#### Go to System > Backup

Backups

🔍 🔔 9 👤 admin ▾

System Backup

Database and Media Backup

Database Backup

You may find different backup options including system backup, database backup, media backup, and another component backup. Try to take all if you have enough disk space available otherwise; database backup is enough to restore your Magento® ecommerce store.

## ➤ Turn on Configuration Cache & Disable Rests of Caches

Powerful cache mechanism is behind the performance secret of Magento® platform in heavy ecommerce stores. Although it provides faster user experiences, it comes into the way of smooth installation process by creating issues on the server. Therefore, it is recommended that Magento® developers must disable the cache system, and you can do it following way:

### Go to Admin Console > System > Cache Management

- Select all kinds of caches through selecting/clicking top toggle/radio button except configuration cache because you are going to configure the system
- Click drop-down menu and select "Disabled" option to disable all caches at a time

Refresh  13 records found (13 selected)

<input checked="" type="checkbox"/>	Cache Type	Description	Tags	Status
<input checked="" type="checkbox"/>	Configuration	Stores all configurations that were collected across modules and merged	CONFIG	DISABLED
<input checked="" type="checkbox"/>	Layouts	Stores layout instructions	layout, generated, layout, file	DISABLED
<input checked="" type="checkbox"/>	Blocks HTML output	Page blocks output	blocks, html	DISABLED
<input checked="" type="checkbox"/>	Collections Data	Collection data files	collection, data	DISABLED
<input checked="" type="checkbox"/>	Reflection Data	API metadata collection data	reflection	DISABLED
<input checked="" type="checkbox"/>	Database DDL operations	Results of DDL queries, such as describing tables or indexes	ddl, ddl	DISABLED
<input checked="" type="checkbox"/>	EAV types and attributes	Entity type declaration cache	eav	DISABLED
<input checked="" type="checkbox"/>	Customer Notification	Customer notification	customer, notification	DISABLED
<input checked="" type="checkbox"/>	Page Cache	Full page caching	fpcc	DISABLED
<input checked="" type="checkbox"/>	Integrations Configuration	Integration configuration file	integrations	DISABLED

## Method of Installation

### File Transfer (Manual Installation)

Note: This method requires familiarity with FTP, SSH and Magento folder structure.

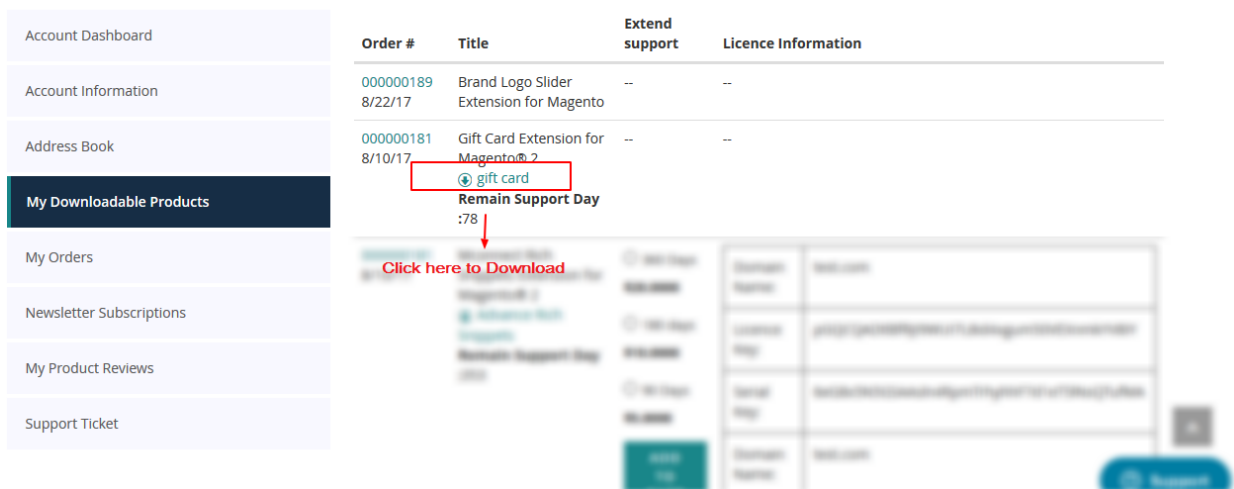
### Required for Installations:

- o FTP/SSH access to your Magento® website
- o WinZip or Zip7 like software to unzip the downloaded zip files
- o Zip files downloaded from M-Connect Media web page.

### Step 1: Download and Unzip Extension File

To access the extension file from M-Connect Media, you must have a valid account. Therefore, create an account by following the procedure given on the account creation module/page <https://www.mconnectmedia.com/customer/account/login/>

- ✓ Download Zip files of your selected extension/s.



### Step 2: Unzip the extension ZIP file

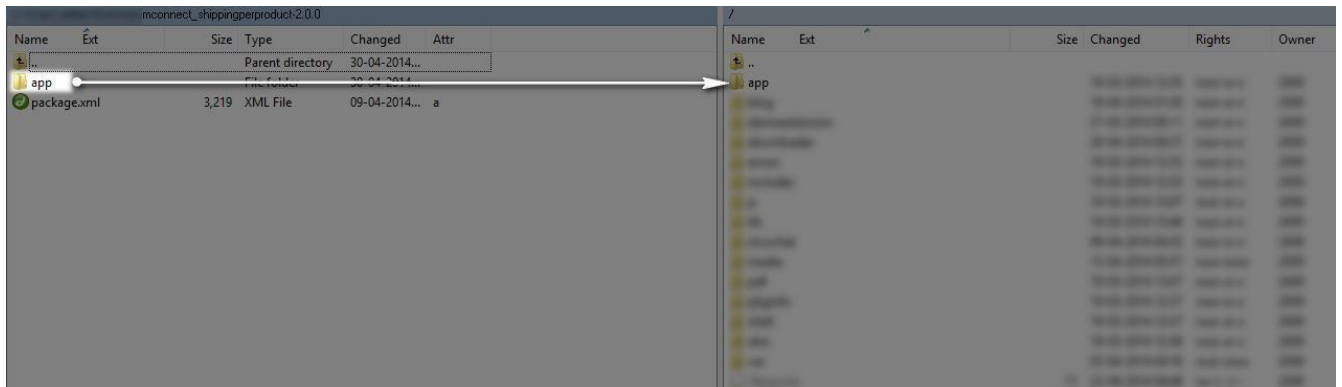
- ✓ You may find 'app' folder in the downloaded files.

## GiftCard-2.0.0



### Step 3: Upload the extension file

- ✓ Now, navigate to Magento 2 root directory then find out 'app' folder in it and Overwrite it with your downloaded 'app' folder.



- ✓ For more precise step, you should go to your downloaded app folder and find out app/code/Ves folder in it and copy it.
- ✓ Now, paste the Ves folder into the root directory app folder: Magento-root/app/code/.

However, your job is not finished with copy-paste of the 'app' folder in root directly; it also requires an upgrade to enable it as an active extension working in Magento®. Therefore, you need to run following command for the upgrade of Magento® module.

#### “php bin/magento setup:upgrade”

After accomplishment of the root directory upgrade process, you need to deploy the static view files, which have generated during the upgrade process in Magento® 2 root. Therefore, you have to run following command:

#### “php bin/magento setup:static-content:deploy”

It may deploy static files to Magento® root file system. Of course, without flushing the Magento® cache, the above process of Magento® extension installation is uncompleted.

Therefore,

- ✓ Now, navigate to: **System>Cache Management**
- ✓ Select the all cache type by selecting master checkbox at the top
- ✓ Go to 'Flush Magento Cache' button and push to for first-time cache refresh

# M-Connect Media's Magento® 2 Extension Installation - Developer Guideline

13 records found (13 selected)

<input checked="" type="checkbox"/>	Cache Type	Description	Tags
<input checked="" type="checkbox"/>	Configuration	Various DB configurations that were collected across modules and merged	config
<input checked="" type="checkbox"/>	Layouts	Layout building instructions	layout_blocks_layout_tag
<input checked="" type="checkbox"/>	Blocks HTML output	Page blocks HTML	blocks_html
<input checked="" type="checkbox"/>	Collections Data	Collection data files	collection_data_files
<input checked="" type="checkbox"/>	Reflection Data	API interface reflection data	reflection
<input checked="" type="checkbox"/>	Database DDL operations	Results of DDL queries, such as describing tables or indexes	ddl_ddl
<input checked="" type="checkbox"/>	EAV types and attributes	Entity type declaration cache	eav
<input checked="" type="checkbox"/>	Customer Notification	Customer notification	customer_notifications
<input checked="" type="checkbox"/>	Page Cache	Full page caching	fpcc
<input checked="" type="checkbox"/>	Integrations Configuration	Integration configuration file	integrations
<input checked="" type="checkbox"/>	Integrations API Configuration	Integration API configuration file	integrations_api_config

### **Troubleshooting: Problems after Installation?**

Below are listed some common issues most often arising after completing installation of Magento modules, even though after following guidelines by the best way. We have listed some issues upfront here.

#### **Regarding Display/Working of Installed Modules in Backend:**

If such things happen with you, please try to refresh the cache manually. You can do so by deleting all content residing in the Magento® root directory. Now, navigate to:

**Magento-root/var/cache/ and /var/generation/ for (Magento 2.2+: generated/code)**

If your problem persists, check whether you have placed uploaded files in the correct/desirable locations in root directory. Moreover, you need to set right permissions for all uploaded files so it becomes readable for the web server system.

#### **Regarding Class X Error Message:**

If you found such message, please go through the extension installation process again and assure you have uploaded all files in 'app' folder of Magento® root directory.

#### **Regarding Error Messages like 'Blank Page' or '500/503 Error' or 'Exception Printing Disabled':**

It needs enabling of 'Developer Mode' in Magento® backend via .htaccess, so you can see real error messages, instead of such false message.

In the case, it fails, you need to add following code at the beginning of index.php file in Magento® root directory:

```
<?php
ini_set('display_errors', 1);
ini_set('error_reporting', E_ALL);
?>
```

Of course, you need to remove the code as soon as you finish testing. If your problem still persists, you must contact our support team for real-time help or intensive on-site help.



### Magento Extension and Customization Service by M-Connect Media

An extension matching with your requirements performs well on your store. But the extension with your personal touch can offer a lot more. If you wish to improve the functionalities of any Magento extension as per your concept then let's talk, finalize and start working.

We keep the doors open so that you can get in touch with our technical team directly in cases of emergency.

#### Have a look at our core services:

- [Magento Website Customization](#)
- [Magento Module Development](#)
- [Magento Web Design](#)

### Support

We offer Support Services for installation of Magento® Extension Modules for our esteemed patrons facing any issue during the given installation process in the same guideline, despite carefully following each step and instruction at [support.mconnectmedia.com](http://support.mconnectmedia.com)

### Suggestions/Queries

Should you have any queries or suggestions or need resolutions for your Magento Store issue, then please contact us at [support.mconnectmedia.com](http://support.mconnectmedia.com)

### Installation Support

If your Magento store facing any issue or you are facing some problem working with Magento extensions, please contact our technical team for the Magento Support. Please contact us at [support.mconnectmedia.com](http://support.mconnectmedia.com)

If our extension isn't working on your store, then we will provide our support services free of cost. However, if any other existing extension or functionality conflicts with our extension, then we charge a fee to provide the support service.

### Contact Us

#### M-Connect Media

M-Connect Media is one of the reputed and award-winning Magento development companies, and it is providing end-to-end ecommerce solutions on Magento® platform.

M-Connect Media, a [leading Magento extension development company](#) is enjoying a special status with more than 700 websites development projects and 70+ Magento® extensions to help Magento® ecommerce owners.  
650+ Magento website designed and 70+ Magento Extensions developed.

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