

# Chapter 1: Installing Magento 2 on Apache and NGINX

## Create Droplet

### Droplet Hostname

mage2cookbook.com

### Your Droplet

**Hostname**  
mage2cookbook....

**Size**  
\$20/mo

**Region**  
New York 3

**Image**  
15.10 x64

**Settings**  
none

**SSH Keys**  
none

### Select Size

<b>\$5/mo</b> \$0.007/hour	<b>\$10/mo</b> \$0.015/hour	<b>\$20/mo</b> \$0.030/hour	<b>\$40/mo</b> \$0.060/hour	<b>\$80/mo</b> \$0.119/hour
512 MB / 1 CPU 20 GB SSD Disk 1000 GB Transfer	1 GB / 1 CPU 30 GB SSD Disk 2 TB Transfer	2 GB / 2 CPUs 40 GB SSD Disk 3 TB Transfer	4 GB / 2 CPUs 60 GB SSD Disk 4 TB Transfer	8 GB / 4 CPUs 80 GB SSD Disk 5 TB Transfer
<b>\$160/mo</b> \$0.238/hour	<b>\$320/mo</b> \$0.476/hour	<b>\$480/mo</b> \$0.714/hour	<b>\$640/mo</b> \$0.952/hour	
16 GB / 8 CPUs 160 GB SSD Disk 6 TB Transfer	32 GB / 12 CPUs 320 GB SSD Disk 7 TB Transfer	48 GB / 16 CPUs 480 GB SSD Disk 8 TB Transfer	64 GB / 20 CPUs 640 GB SSD Disk 9 TB Transfer	

The screenshot shows a web browser window with the address bar displaying 'mage2cookbook.com/phpinfo.php'. The page content is the output of the PHP info() function, titled 'PHP Version 7.0.0'. The output is organized into a table with various system and configuration details.

PHP Version 7.0.0	
System	Linux mage2cookbook.com 4.2.0-16-generic #19-Ubuntu SMP Thu Oct 8 15:35:06 UTC 2015 x86_64
Server API	FPM/FastCGI
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/7.0/fpm
Loaded Configuration File	/etc/php/7.0/fpm/php.ini
Scan this dir for additional .ini files	/etc/php/7.0/fpm/conf.d
Additional .ini files parsed	(none)
PHP API	20151012
PHP Extension	20151012
Zend Extension	320151012
Zend Extension Build	API320151012,NTS
PHP Extension Build	API20151012,NTS
Debug Build	no
Thread Safety	disabled
Zend Signal Handling	disabled
Zend Memory Manager	enabled
Zend Multibyte Support	provided by mbstring
IPv6 Support	enabled
DTrace Support	enabled
Registered PHP Streams	https, ftps, compress.zlib, php, file, glob, data, http, ftp, phar, zip
Registered Stream Socket Transports	tcp, udp, unix, udg, ssl, tls, tlsv1.0, tlsv1.1, tlsv1.2
Registered Stream Filters	zlib.*, convert.iconv.*, mcrypt.*, mdecrypt.*, string.rot13, string.toupper, string.tolower, string.strip_tags, convert.*, ...

HHVM phpinfo

mage2cookbook.com/phpinfo.php

## HHVM Version 3.10.1

---

### Version

Version	3.10.1
Version ID	31001
Debug	
Compiler ID	tags/HHVM-3.10.1-0-g689b4969a141620ee5a282ce0dbf72278c84d44b
Repo Schema	6c99ee1f98340f6f3ef397a332583f0e843a627d
PHP Version	5.6.99-hhvm
Zend Version	2.4.99
uname	Linux mage2cookbook.com 3.19.0-31-generic #36-Ubuntu SMP Wed Oct 7 15:04:02 UTC 2015 x86_64

---

### INI

allow_url_fopen	1
-----------------	---

root@mage2cookbook: /etc/apt/sources.list.d

Package configuration

### Configuring mysql-apt-config

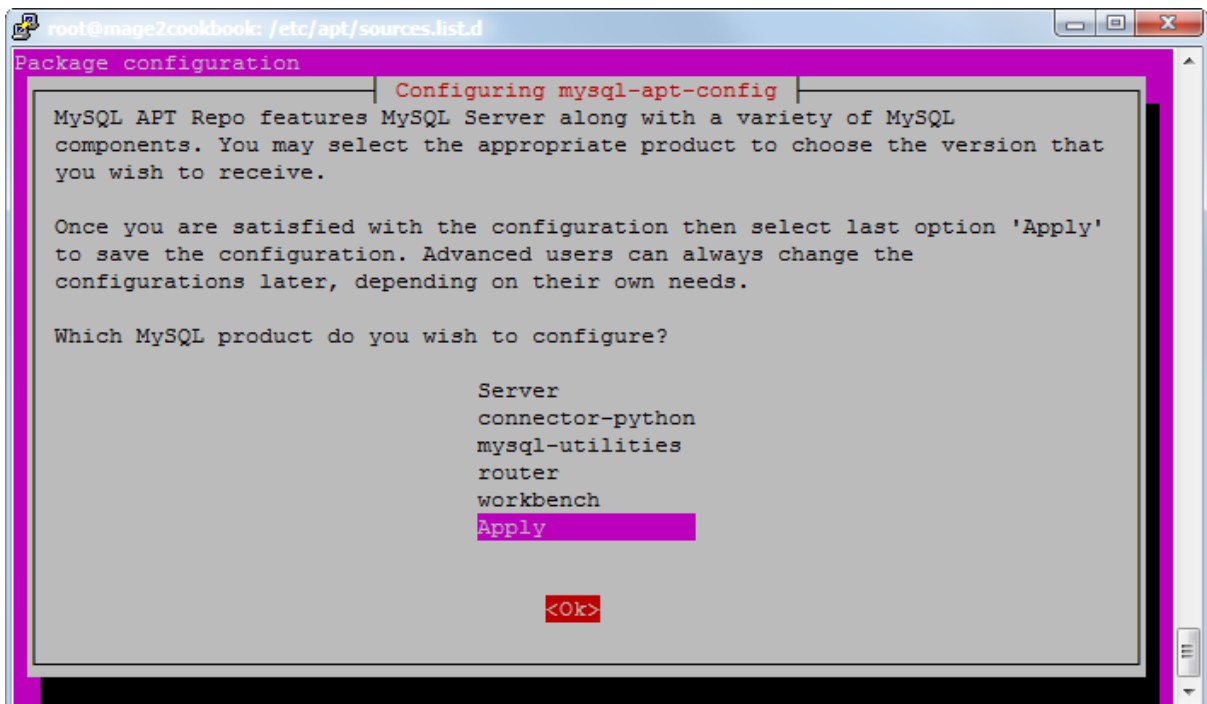
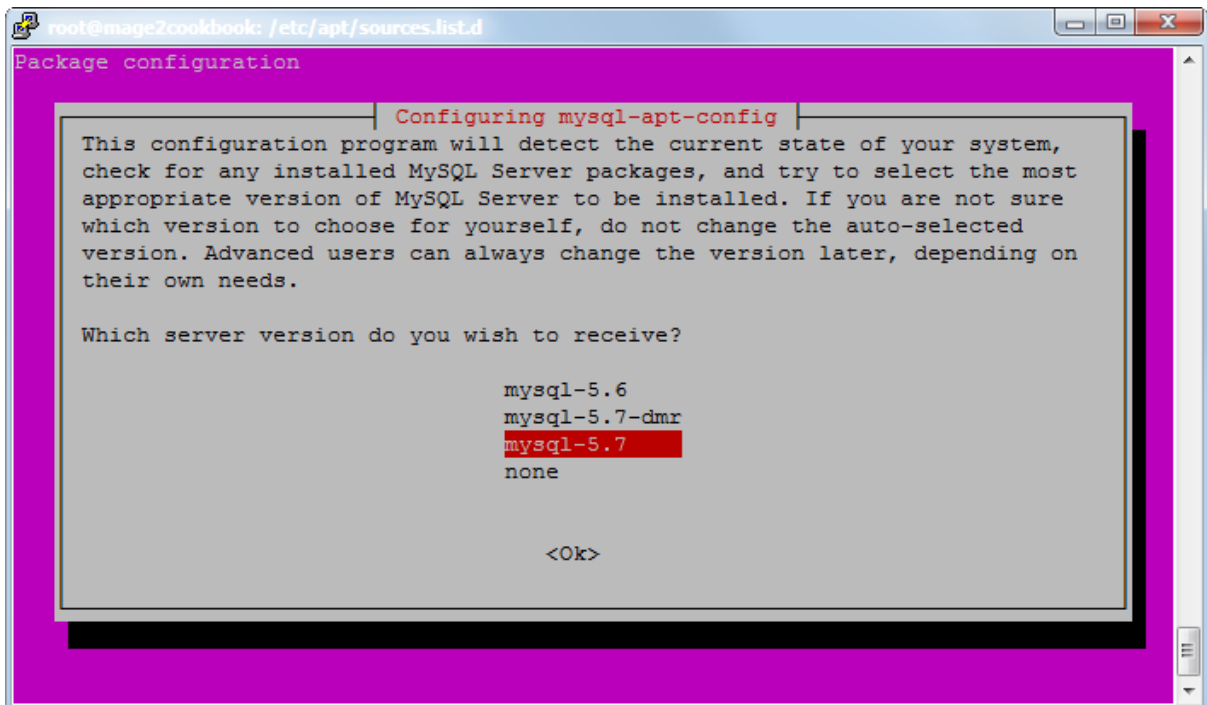
MySQL APT Repo features MySQL Server along with a variety of MySQL components. You may select the appropriate product to choose the version that you wish to receive.

Once you are satisfied with the configuration then select last option 'Apply' to save the configuration. Advanced users can always change the configurations later, depending on their own needs.

Which MySQL product do you wish to configure?

- Server**
- connector-python
- mysql-utilities
- router
- workbench
- Apply

<Ok>



```
root@mage2cookbook: /var/www/html
root@mage2cookbook: /var/www/html# composer

Composer version 1.0-dev (2f069bffd2e9c9acfeb993cc2a6d08ec867b52e) 2015-11-14 16:19:45

Usage:
  command [options] [arguments]

Options:
  -h, --help                Display this help message
  -q, --quiet               Do not output any message
  -V, --version             Display this application version
  --ansi                    Force ANSI output
  --no-ansi                 Disable ANSI output
  -n, --no-interaction     Do not ask any interactive question
  --profile                 Display timing and memory usage information
  -d, --working-dir=WORKING-DIR
                           If specified, use the given directory as working directory.
  -v|vv|vvv, --verbose    Increase the verbosity of messages: 1 for normal output, 2 for more verbose output and 3 for debug

Available commands:
  about                    Short information about Composer
  archive                  Create an archive of this composer package
  browse                   Opens the package's repository URL or homepage in your browser.
  clear-cache              Clears composer's internal package cache.
  clearcache               Clears composer's internal package cache.
  config                   Set config options
  create-project           Create new project from a package into given directory.
  depends                  Shows which packages depend on the given package
  diagnose                 Diagnoses the system to identify common errors.
  dump-autoload            Dumps the autoloader
  dumpautoload             Dumps the autoloader
  global                   Allows running commands in the global composer dir ($COMPOSER_HOME).
  help                     Displays help for a command
  home                     Opens the package's repository URL or homepage in your browser.
  info                     Show information about packages
  init                     Creates a basic composer.json file in current directory.
  install                  Installs the project dependencies from the composer.lock file if present, or falls back on the composer.json.
  licenses                 Show information about licenses of dependencies
  list                     Lists commands
  remove                   Removes a package from the require or require-dev
  require                  Adds required packages to your composer.json and installs them
  run-script               Run the scripts defined in composer.json.
  search                   Search for packages
  self-update              Updates composer.phar to the latest version.
  selfupdate              Updates composer.phar to the latest version.
  show                     Show information about packages
  status                   Show a list of locally modified packages
  suggests                 Show package suggestions
  update                   Updates your dependencies to the latest version according to composer.json, and updates the composer.lock file.
  validate                 Validates a composer.json and composer.lock

root@mage2cookbook: /var/www/html#
```

## New personal access token

### Token description

Composer on mage2cookbook.com 2015-11-09 1333

What's this token for?

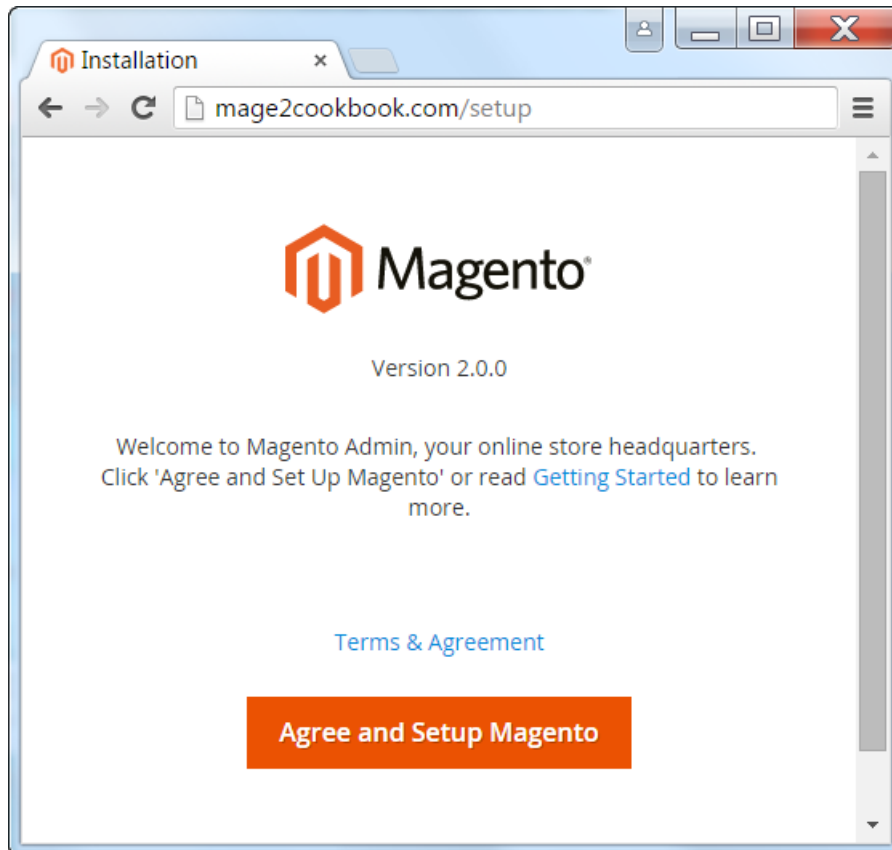
### Select scopes

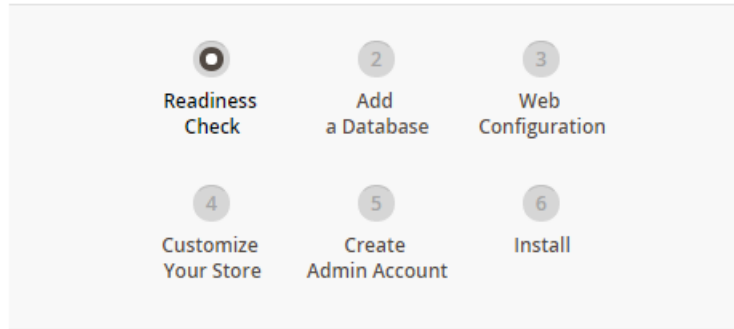
Scopes *limit* access for personal tokens. [Read more about OAuth scopes.](#)

- |   |  |   |
|---|--|---|
| <input checked="" type="checkbox"/> repo ⓘ  | <input type="checkbox"/> repo:status ⓘ     | <input type="checkbox"/> repo_deployment ⓘ  |
| <input type="checkbox"/> public_repo ⓘ      | <input type="checkbox"/> delete_repo ⓘ     | <input type="checkbox"/> user ⓘ             |
| <input type="checkbox"/> user:email ⓘ       | <input type="checkbox"/> user:follow ⓘ     | <input type="checkbox"/> admin:org ⓘ        |
| <input type="checkbox"/> write:org ⓘ        | <input type="checkbox"/> read:org ⓘ        | <input type="checkbox"/> admin:public_key ⓘ |
| <input type="checkbox"/> write:public_key ⓘ | <input type="checkbox"/> read:public_key ⓘ | <input type="checkbox"/> admin:repo_hook ⓘ  |
| <input type="checkbox"/> write:repo_hook ⓘ  | <input type="checkbox"/> read:repo_hook ⓘ  | <input type="checkbox"/> admin:org_hook ⓘ   |
| <input type="checkbox"/> gist ⓘ             | <input type="checkbox"/> notifications ⓘ   |   |

Generate token

ⓘ Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication.](#)





Back Next

## Step 1: Readiness Check


Let's check your environment for the correct PHP version, PHP extensions, file permissions and compatibility.

Start Readiness Check

✔ **Completed!** You can now move on to the next step.

- ✔ **PHP Version Check**  
Your PHP version is correct (7.0.0).
- ✔ **PHP Settings Check**  
Your PHP settings are correct.
- ✔ **PHP Extensions Check**  
You meet 13 out of 13 PHP extensions requirements.  
[Show detail](#)
- ✔ **File Permission Check**  
You meet 4 out of 4 writable file permission requirements.  
[Show detail](#)

Browser window: Add a Database  
URL: [mage2cookbook.com/setup/#/add-database](http://mage2cookbook.com/setup/#/add-database)



Progress indicator showing 6 steps:

- 1 Readiness Check
- 2 Add a Database
- 3 Web Configuration
- 4 Customize Your Store
- 5 Create Admin Account
- 6 Install

Navigation: [Back](#) [Next](#)

### Step 2: Add a Database

Database Server Host \*

Database Server Username \*


Database Server Password

Database Name \*

Table prefix

Web Configuration x

mage2cookbook.com/setup/#/web-configuration



1 Readiness Check

2 Add a Database

3 Web Configuration

4 Customize Your Store

5 Create Admin Account

6 Install


Back Next

### Step 3: Web Configuration

Your Store Address

Magento Admin Address \*

http://mage2cookbook.com/

Advanced Options 



The screenshot shows a web browser window with the title 'Customize Your Store' and the URL 'mage2cookbook.com/setup/#/customize-your-store'. The page features a progress indicator with six steps: 1. Readiness Check, 2. Add a Database, 3. Web Configuration, 4. Customize Your Store (highlighted), 5. Create Admin Account, and 6. Install. Below the progress indicator are 'Back' and 'Next' buttons. The main content area is titled 'Step 4: Customize Your Store' and contains three dropdown menus for 'Store Default Time Zone\*' (set to GMT (UTC)), 'Store Default Currency\*' (set to US Dollar (USD)), and 'Store Default Language\*' (set to English (United States)). Below these is a section for 'Advanced Modules Configurations' with a 'Select All' checkbox and a list of modules, including 'Magento\_AdminNotification', 'Magento\_AdvancedPricingImportExport', and 'Magento\_Authorization', all of which are checked.

Customize Your Store x

mage2cookbook.com/setup/#/customize-your-store

1 Readiness Check

2 Add a Database

3 Web Configuration

4 Customize Your Store

5 Create Admin Account

6 Install

Back Next

### Step 4: Customize Your Store

Store Default Time Zone\*

GMT (UTC)

Store Default Currency\*

US Dollar (USD)

Store Default Language\*

English (United States)

#### Advanced Modules Configurations

Select All

- Magento\_AdminNotification
- Magento\_AdvancedPricingImportExport
- Magento\_Authorization

Create Admin Account

mage2cookbook.com/setup/#/create-admin-account

### Step 5: Create Admin Account

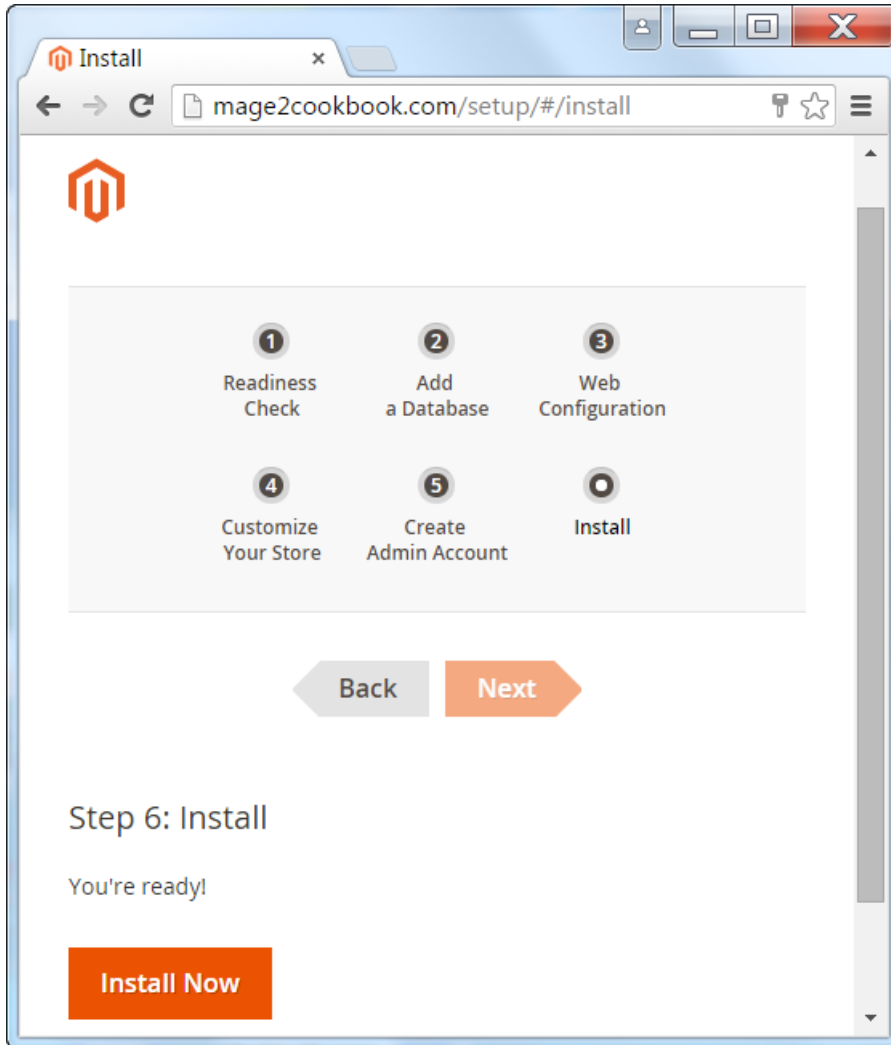
Create a new Admin account to manage your store.

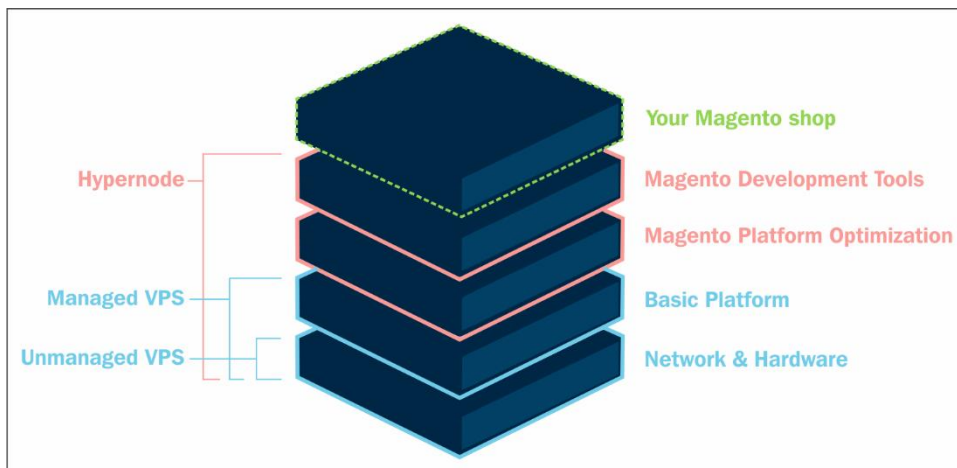
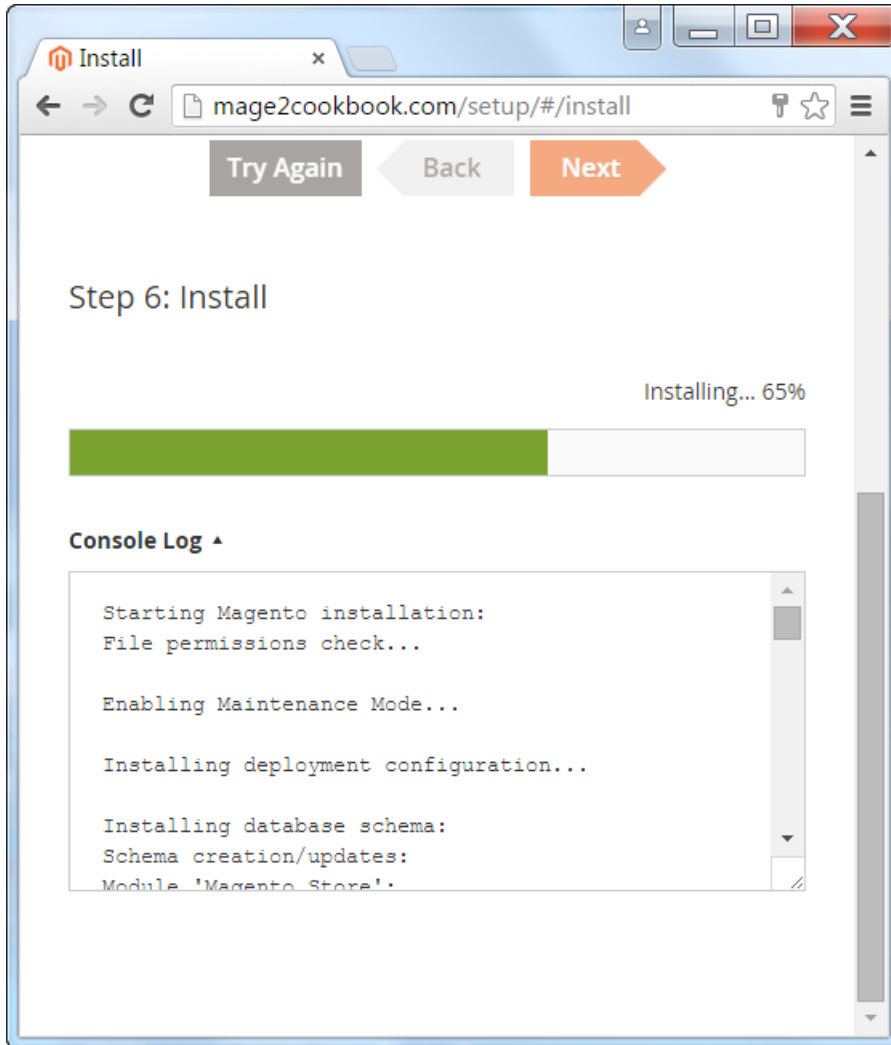
**New Username \***

**New Email\***

**New Password \***

**Confirm Password \***





## Hypernode settings

General information	
Application name	magento2cookbook
Application type	Magento
Application host	magento2cookbook.hypernode.io
SSH information	
SSH Hostname	magento2cookbook.hypernode.io
SSH Username	app
SSH Authorized Keys	<a href="#">Manage keys &gt;</a>
SSL information	
SSL Certificates	<b>None</b> >
MySQL information	
MySQL Hostname	mysqlmaster.magento2cookbook.hypernode.io
MySQL Port	3306
MySQL Username	app
MySQL Password	<a href="#">See documentation</a> ⓘ

- Access
- Power
- Resize
- Snapshots**
- Settings
- Backups
- Graphs
- History
- Destroy

### Take Snapshot

This may take more than an hour, depending on how much content is on your Droplet and how large the disk is.

[Take Snapshot](#)

# Chapter 2: Magento 2 System Tools

mage2cookbook.com ACTIVE

159.203.127.99 2GB Ram 40GB SSD Disk New York 3 Ubuntu baseline-chapter-2

- Access
- Power
- Resize
- Snapshots
- Settings
- Backups
- Graphs
- History
- Destroy

## Destroy Droplet

This is irreversible. We will destroy your Droplet and all associated backups.

Scrub Data

Destroy

## Rebuild Droplet

This will rebuild your Droplet using the original image you specified when you deployed. Please be advised that all data will be lost.

Select an Image

Rebuild from image

Rebuild from original

- Select an Image
- FreeBSD 10.1
- FreeBSD 10.2
- Ubuntu 12.04.5 x32
- Ubuntu 12.04.5 x64
- Ubuntu 14.04 x32
- Ubuntu 14.04 x64
- Ubuntu 15.04 x32
- Ubuntu 15.04 x64**
- Ubuntu 15.10 x32
- Ubuntu 15.10 x64
- Ubuntu 1504-mysql5.6-php7-hhvm3.10
- Fedora 21 x64
- Fedora 22 x64
- Fedora 23 x64
- CentOS 5.10 x32
- CentOS 5.10 x64
- Debian 6.0 x32
- Debian 6.0 x64
- CentOS 6.7 x32

## Advanced Modules Configurations

Select All

- Magento\_AdminNotification
- Magento\_AdvancedPricingImportExport
- Magento\_Authorization
- Magento\_Authorizenet
- Magento\_Backend
- Magento\_Backup
- Magento\_Braintree
- Magento\_Bundle
- Magento\_BundleImportExport
- Magento\_BundleSampleData
- Magento\_CacheInvalidate
- Magento\_Captcha
- Magento\_Catalog
- Magento\_CatalogImportExport
- Magento\_CatalogInventory
- Magento\_CatalogRule
- Magento\_CatalogRuleConfigurable
- Magento\_CatalogRuleSampleData
- Magento\_CatalogSampleData
- Magento\_CatalogSearch
- Magento\_CatalogUrlRewrite

117 out of 117 selected

## Step 6: Install

Installing... 87%



### Console Log ▲

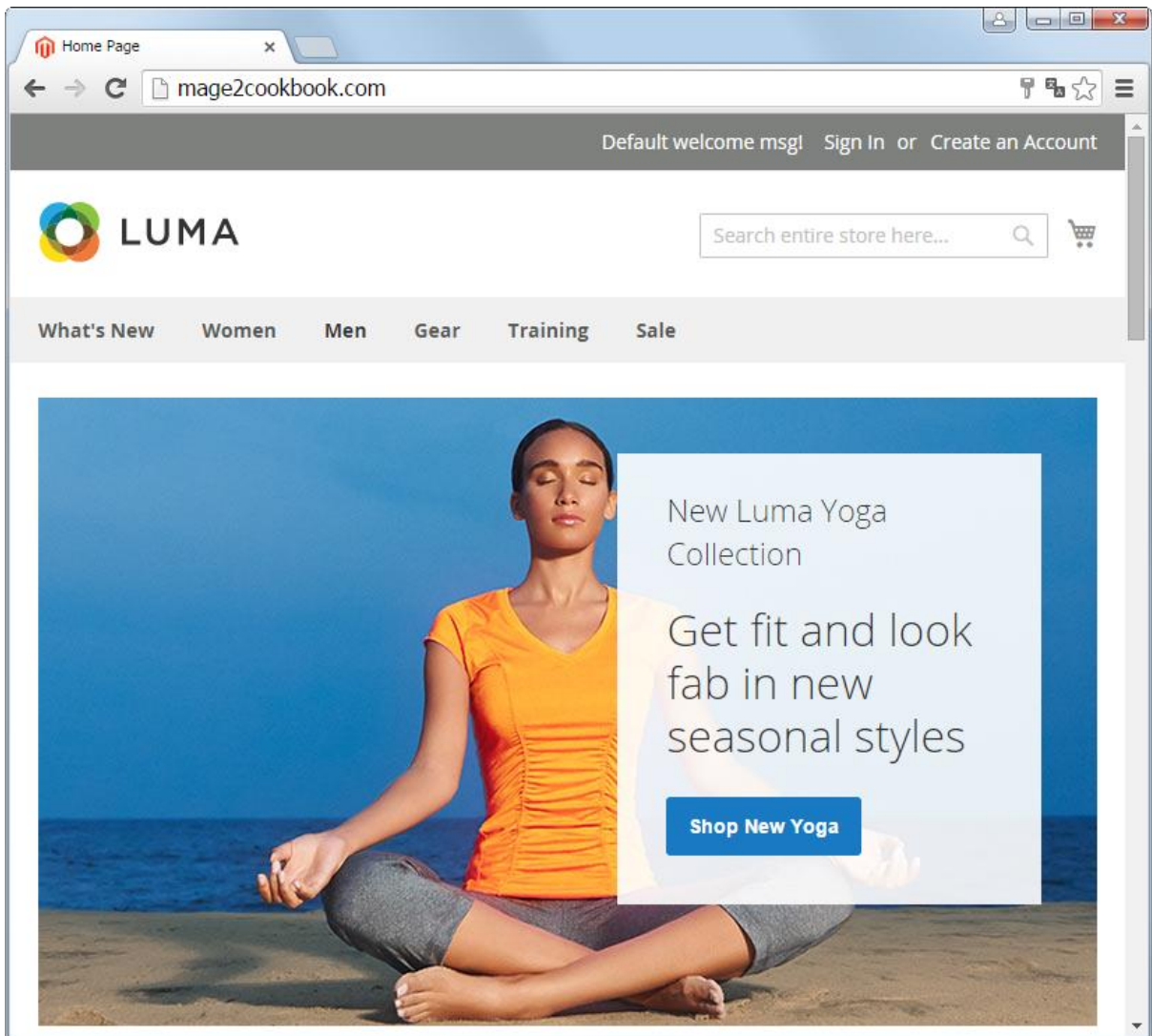
```
Module 'Magento_ProductAlert':
```

```
Module 'Magento_Weee':  
Installing data..
```

```
Module 'Magento_ProductVideo':  
Upgrading data..
```

```
Module 'Magento_CatalogSampleData':  
Installing data..
```





state_id	indexer_id	status
1	customer_grid	valid
2	catalog_category_product	invalid
3	catalog_product_category	invalid
4	catalog_product_price	valid
5	catalog_product_attribute	valid
6	cataloginventory_stock	valid
7	catalogsearch_fulltext	valid
8	catalogrule_rule	invalid
9	catalogrule_product	valid

<input type="checkbox"/>	Indexer	Description	Mode	Status	Updated
<input type="checkbox"/>	Customer Grid	Rebuild Customer grid index	UPDATE ON SAVE	READY	Nov 23, 2015, 9:18:31 PM
<input type="checkbox"/>	Category Products	Indexed category/products association	UPDATE ON SAVE	REINDEX REQUIRED	Nov 23, 2015, 9:19:05 PM
<input type="checkbox"/>	Product Categories	Indexed product/categories association	UPDATE ON SAVE	REINDEX REQUIRED	Nov 23, 2015, 9:19:05 PM
<input type="checkbox"/>	Product Price	Index product prices	UPDATE ON SAVE	READY	Nov 23, 2015, 9:18:33 PM
<input type="checkbox"/>	Product EAV	Index product EAV	UPDATE ON SAVE	READY	Nov 23, 2015, 9:18:34 PM
<input type="checkbox"/>	Stock	Index stock	UPDATE ON SAVE	READY	Nov 23, 2015, 9:18:34 PM
<input type="checkbox"/>	Catalog Search	Rebuild Catalog product fulltext search index	UPDATE ON SAVE	READY	Nov 23, 2015, 9:18:37 PM
<input type="checkbox"/>	Catalog Rule Product	Indexed rule/product association	UPDATE ON SAVE	REINDEX REQUIRED	Nov 23, 2015, 9:19:14 PM
<input type="checkbox"/>	Catalog Product Rule	Indexed product/rule association	UPDATE ON SAVE	READY	Nov 23, 2015, 9:18:37 PM

```

root@mage2cookbook: /var/www/html
root@mage2cookbook:/var/www/html# php bin/magento cache:status
Current status:
        config: 1
        layout: 1
    block_html: 1
collections: 1
    reflection: 1
        db_ddl: 1
        eav: 1
    config_integration: 1
config_integration_api: 1
        full_page: 1
        translate: 1
    config_webservice: 1
root@mage2cookbook:/var/www/html#

```

```

root@mage2cookbook: /var/www/html
root@mage2cookbook:/var/www/html# php bin/magento cache:disable
Changed cache status:
        config: 1 -> 0
        layout: 1 -> 0
    block_html: 1 -> 0
collections: 1 -> 0
    reflection: 1 -> 0
        db_ddl: 1 -> 0
        eav: 1 -> 0
    config_integration: 1 -> 0
config_integration_api: 1 -> 0
        full_page: 1 -> 0
        translate: 1 -> 0
    config_webservice: 1 -> 0
root@mage2cookbook:/var/www/html#

```

```
root@mage2cookbook: /var/www/html
root@mage2cookbook:/var/www/html# php bin/magento cache:enable
Changed cache status:
    config: 0 -> 1
    layout: 0 -> 1
    block_html: 0 -> 1
    collections: 0 -> 1
    reflection: 0 -> 1
    db_ddl: 0 -> 1
    eav: 0 -> 1
    config_integration: 0 -> 1
    config_integration_api: 0 -> 1
    full_page: 0 -> 1
    translate: 0 -> 1
    config_webservice: 0 -> 1
Cleaned cache types:
config
layout
block_html
collections
reflection
db_ddl
eav
config_integration
config_integration_api
full_page
translate
config_webservice
root@mage2cookbook:/var/www/html#
```

ADVANCED ^

Admin

System

Advanced

Developer

### Scheduled Backup Settings

Enable Scheduled Backup  [GLOBAL]

Backup Type  [GLOBAL]

Start Time  :  :  [GLOBAL]

Frequency  [GLOBAL]

Maintenance Mode  [GLOBAL]

Please put your store into maintenance mode during backup.



## Chapter 3: Enabling Performance in Magento 2

```
root@mage2cookbook: /var/www/magento2/app/etc
<?php
return array (
  'cache' =>
  array (
    'frontend' =>
    array (
      'default' =>
      array (
        'backend' => 'Cm_Cache_Backend_Redis',
        'backend_options' =>
        array (
          'server' => '127.0.0.1',
          'port' => '6379',
          'persistent' => '',
          'database' => '0',
          'force_standalone' => '0',
          'connect_retries' => '1',
          'read_timeout' => '10',
          'automatic_cleaning_factor' => '0',
          'compress_data' => '1',
          'compress_tags' => '1',
          'compress_threshold' => '20480',
          'compression_lib' => 'gzip',
        ),
      ),
    ),
  'page_cache' =>
  array (
    'backend' => 'Cm_Cache_Backend_Redis',
    'backend_options' =>
    array (
      'server' => '127.0.0.1',
      'port' => '6379',
      'persistent' => '',
      'database' => '1',
      'force_standalone' => '0',
      'connect_retries' => '1',
      'read_timeout' => '10',
      'automatic_cleaning_factor' => '0',
      'compress_data' => '0',
      'compress_tags' => '1',
      'compress_threshold' => '20480',
      'compression_lib' => 'gzip',
    ),
  ),
),
),
),
'backend' =>
array (
  'frontName' => 'admin',
),
),
'install' =>
```

```
root@mage2cookbook:/var/www/magento2/var/cache# redis-cli INFO
# Server
redis_version:3.0.5
redis_git_sha1:00000000
redis_git_dirty:0
redis_build_id:76f6ee2908f61611
redis_mode:standalone
os:Linux 3.13.0-57-generic x86_64
arch_bits:64
multiplexing_api:epoll
gcc_version:4.9.2
process_id:9713
run_id:8eb836577d6f3ec4a2d1a179ee99e538543589e6
tcp_port:6379
uptime_in_seconds:86922
uptime_in_days:1
hz:10
lru_clock:6845253
config_file:/etc/redis/6379.conf

# Clients
connected_clients:1
client_longest_output_list:0
client_biggest_input_buf:0
blocked_clients:0

# Memory
used_memory:5661432
used_memory_human:5.40M
used_memory_rss:11952128
used_memory_peak:7778328
used_memory_peak_human:7.42M
used_memory_lua:39936
mem_fragmentation_ratio:2.11
mem_allocator:jemalloc-3.6.0
```

localhost:6379 / DB 0

SERVER & DATABASES

localhost:6379

DB 0 310

DB 1 316

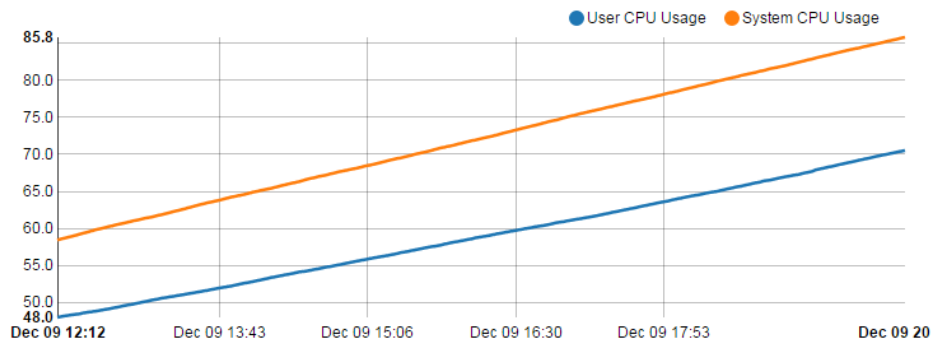
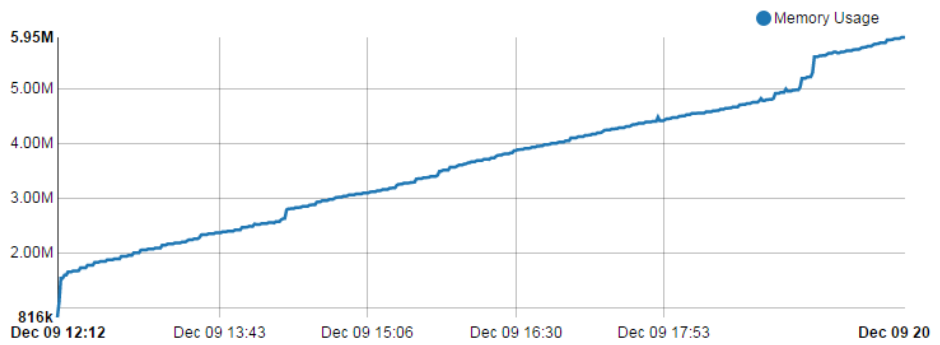
+ Add DB

## Redis Stats

In order to view stats, you have to setup cron located in controllers directory

From  To

Memory & CPU Clients Keys AOF



```
root@mage2cookbook: /var/www/magento2
    'force_standalone' => '0',
    'connect_retries' => '1',
    'read_timeout' => '10',
    'automatic_cleaning_factor' => '0',
    'compress_data' => '0',
    'compress_tags' => '1',
    'compress_threshold' => '20480',
    'compression_lib' => 'gzip',
    ),
    ),
    ),
    'backend' =>
    array (
        'frontName' => 'admin',
    ),
    'install' =>
    array (
        'date' => 'Mon, 07 Dec 2015 20:24:04 +0000',
    ),
    'crypt' =>
    array (
        'key' => '34e657735c8407762ff96c8125dc62fa',
    ),
    'session' =>
    array (
        'save' => 'memcached',
        'save_path' => 'localhost:11211',
    ),
    'db' =>
    array (
        'table_prefix' => '',
        'connection' =>
        array (
            'default' =>
            array (
                'host' => 'localhost',
                'dbname' => 'magento2',
```

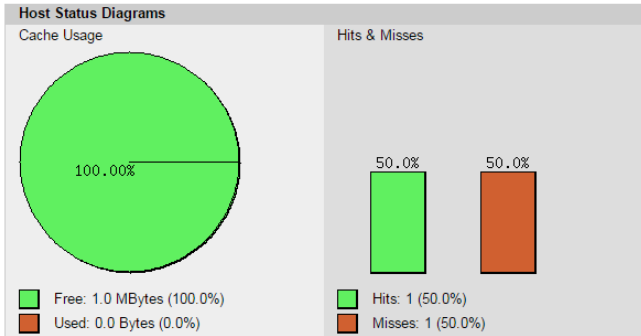


mage2cookbook.com/memcached.php

[Refresh Data](#) [View Host Stats](#) [Variables](#)

General Cache Information	
PHP Version	7.0.3-3+deb.sury.org-trusty+1
Memcached Host	1.127.0.0.1:11211
Total Memcache Cache	1.0 MBytes

Memcache Server Information	
127.0.0.1:11211	<a href="#">[Flush this server]</a>
Start Time	2016/02/11 13:20:18
Uptime	0 minutes
Memcached Server Version	1.4.14 (Ubuntu)
Used Cache Size	0.0 Bytes
Total Cache Size	1.0 MBytes



Cache Information	
Current Items(total)	0 (0)
Hits	1
Misses	1
Request Rate (hits, misses)	0.40 cache requests/second
Hit Rate	0.20 cache requests/second
Miss Rate	0.20 cache requests/second
Set Rate	0.00 cache requests/second

- ADVANCED ^
- Admin
- System
- Advanced
- Developer

## Scheduled Backup Settings

### Full Page Cache

Caching Application  [GLOBAL]

TTL for public content  [GLOBAL]

Public content cache lifetime in seconds. If field is empty default value 86400 will be saved.

### ⊖ Varnish Configuration

Access list  [GLOBAL]

IPs access list separated with ',' that can purge Varnish configuration for config file generation. If field is empty default value localhost will be saved.

Backend host  [GLOBAL]

Specify backend host for config file generation. If field is empty default value localhost will be saved.

Backend port  [GLOBAL]

Specify backend port for config file generation. If field is empty default value 8080 will be saved.

Export Configuration  [GLOBAL]

[GLOBAL]

```

root@mage2cookbook: ~
Uptime mgt:      1+00:50:08           Hitrate n:      10      34      34 ^
Uptime child:   1+00:50:08           avg(n):        0.0716  0.0532  0.0532

  NAME          CURRENT      CHANGE      AVERAGE      AVG 10
MAIN.uptime    1+00:50:08
MAIN.ssess_conn      964          0.00          .            0.49
MAIN.client_req_400  1            0.00          .            0.00
MAIN.client_req     4170         0.00          .           14.63
MAIN.cache_hit      2988         0.00          .           11.94
MAIN.cache_miss     1004         0.00          .            2.69
MAIN.backend_reuse  1192         0.00          .            0.94
MAIN.backend_recycle 1704         0.00          .            1.01
MAIN.fetch_length   146          0.00          .            0.16
MAIN.fetch_chunked  1535         0.00          .            0.85
MAIN.fetch_304      23           0.00          .            0.00
MAIN.pools          2            0.00          .            2.00
MAIN.threads        200          0.00          .           200.00
MAIN.threads_created 200          0.00          .            0.00
MAIN.busy_sleep     1575         0.00          .            0.00
MAIN.n_object       691          0.00          .           683.27
MAIN.n_objectcore   700          0.00          .           676.41
MAIN.n_objecthead   706          0.00          .           682.97
MAIN.n_backend      1            0.00          .            1.00
MAIN.n_expired      313          0.00          .           311.79
MAIN.s_sess         964          0.00          .            0.49
MAIN.s_req          4170         0.00          .           14.63
MAIN.s_pipe         1            0.00          .            0.00
MAIN.s_pass         678          0.00          .            0.02
MAIN.s_fetch        1682         0.00          .            2.70
MAIN.s_req_hdrbytes  3.06M        0.00          35.00       17.07K
MAIN.s_req_bodybytes 74.59K       0.00          .            0.00
MAIN.s_resp_hdrbytes 1.79M        0.00          20.00       5.17K
MAIN.s_resp_bodybytes 18.13M      0.00          212.00      19.72K
MAIN.s_pipe_hdrbytes 98           0.00          .            0.00
vvv MAIN.uptime                                INFO 1-30/57
Child process uptime:
How long the child process has been running.

```

```
root@mage2cookbook: ~
- RespHeader      Cache-Control: max-age=0, must-revalidate, no-cache, no-store
- RespHeader      Expires: Sun, 14 Dec 2014 19:12:50 GMT
- RespHeader      X-Magento-Debug: 1
- RespHeader      X-Frame-Options: SAMEORIGIN
- RespHeader      X-Content-Type-Options: nosniff
- RespHeader      X-XSS-Protection: 1; mode=block
- RespHeader      Content-Encoding: gzip
- RespHeader      X-Magento-Cache-Control: max-age=0, must-revalidate, no-cache, no-st
ore
- RespHeader      Vary: Accept-Encoding
- RespHeader      X-Varnish: 33363
- RespHeader      Age: 0
- RespHeader      Via: 1.1 varnish-v4
- VCL_call        DELIVER
- RespHeader      X-Magento-Cache-Debug: MISS
- RespUnset       X-Magento-Debug: 1
- RespUnset       X-Powered-By: PHP/5.6.16-2+deb.sury.org-vivid+1
- RespUnset       Server: nginx
- RespUnset       X-Varnish: 33363
- RespUnset       Via: 1.1 varnish-v4
- VCL_return      deliver
- Timestamp       Process: 1450120370.749732 0.484267 0.000036
- RespHeader      Accept-Ranges: bytes
- RespHeader      Content-Length: 224
- Debug           "RES_MODE 2"
- RespHeader      Connection: keep-alive
- Timestamp       Resp: 1450120370.749784 0.484319 0.000052
- ReqAcct         572 165 737 811 224 1035
- End

* << Session >> 33362
- Begin          sess 0 HTTP/1
- SessOpen       66.249.79.225 36032 :80 159.203.127.99 80 1450120370.265299 15
- Link           req 33363 rxreq
- SessClose      REM_CLOSE 5.533
- End
```



# Get Started With CloudFlare

## Add Website

Add your first website. You can add more after this signup process.

## Add DNS Records

We will scan your DNS records. You can modify your DNS records before moving on.

## Select Plan

Select the plan that meets your needs.

## Update Nameservers

Sign into your registrar to update your current nameservers with CloudFlare nameservers.

### Add a website

There is no downtime when you add a domain.

Scan DNS Records

yourdomain.com

## Verify That All Of Your DNS Records Are Listed Below

### DNS Records For yourdomain.com

A, AAAA, and CNAME records can have their traffic routed through the CloudFlare system. Add more records using this form, and click the cloud next to each record to toggle CloudFlare on or off.



An A, AAAA, CNAME, or MX record is pointed to your origin server exposing your origin IP address.



An A, AAAA or CNAME record was not found pointing to the root domain. The **bogman.info** domain will not resolve.



#### On CloudFlare

Traffic will be accelerated and protected by CloudFlare



#### Off CloudFlare

Traffic will bypass CloudFlare's network

Add Record



yourdomain.com

## Select a CloudFlare Plan

Select a CloudFlare Plan

Free Website

\$0/month

✓ Free

✓ Free website

✓ Free plan

✓ Basic security protection

✓ Fast website performance

✓ SSL (Limited browsers)

✓ Always online

[Learn More >](#)



yourdomain.com ▾

## Overview

yourdomain.com



Status: Active

This website is active on CloudFlare.

Quick Actions



[Advanced ▸](#)



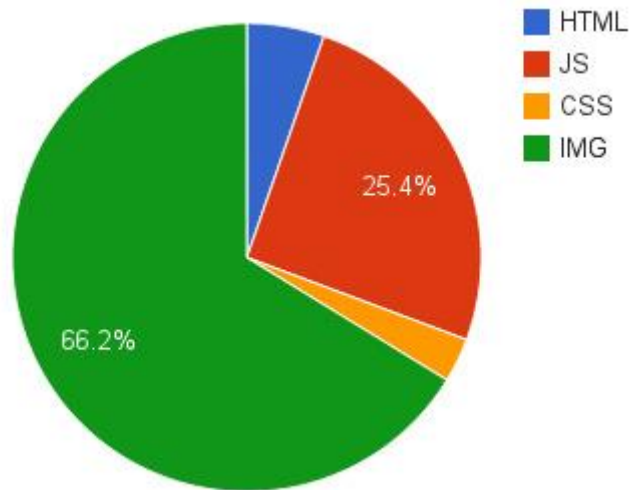
### On CloudFlare

Traffic will be accelerated and protected by CloudFlare



### Off CloudFlare

Traffic will bypass CloudFlare's network



## ✓ 8 Passed Rules

▼ [Hide details](#)

### Avoid landing page redirects

Your page has no redirects. Learn more about [avoiding landing page redirects](#).

### Enable compression

You have compression enabled. Learn more about [enabling compression](#).

### Leverage browser caching

You have enabled browser caching. Learn more about [browser caching recommendations](#).

### Minify CSS

Your CSS is minified. Learn more about [minifying CSS](#).

### Minify JavaScript

Your JavaScript content is minified. Learn more about [minifying JavaScript](#).

### Optimize images

Your images are optimized. Learn more about [optimizing images](#).

### Prioritize visible content

You have the above-the-fold content properly prioritized. Learn more about [prioritizing visible content](#).

### Reduce server response time

Your server responded quickly. Learn more about [server response time optimization](#).



```
root@mage2cookbook: /etc/ssl
[ req_distinguished_name ]
countryName                = Country Name (2 letter code)
countryName_default        = AU
countryName_min            = 2
countryName_max            = 2

stateOrProvinceName       = State or Province Name (full name)
stateOrProvinceName_default = New York

localityName               = Locality Name (eg, city)
localityName_default       = New York

0.organizationName         = Organization Name (eg, company)
0.organizationName_default = Magento 2 CookBook

# we can do this but it is not needed normally :-
#1.organizationName        = Second Organization Name (eg, company)
#1.organizationName_default = World Wide Web Pty Ltd

organizationalUnitName     = Organizational Unit Name (eg, section)
organizationalUnitName_default = Kitchen

commonName                 = Common Name (e.g. server FQDN or YOUR name)
commonName_default         = *.mage2cookbook.com
commonName_max             = 64

emailAddress               = Email Address
emailAddress_default       = info@mage2cookbook.com
emailAddress_max           = 64

# SET-ex3                  = SET extension number 3

[ req_attributes ]
challengePassword          = A challenge password
challengePassword_min     = 4
challengePassword_max     = 20

unstructuredName           = An optional company name

128,1 40%
```

```
root@mage2cookbook: /etc/ssl
root@mage2cookbook:/etc/ssl# openssl req -new -newkey rsa:2048 -nodes -keyout ma
ge2cookbook.key -out mage2cookbook.csr
Generating a 2048 bit RSA private key
.....
.....+++
.....+++
writing new private key to 'mage2cookbook.key'
-----
You are about to be asked to enter information that will be incorporated
into your certificate request.
What you are about to enter is what is called a Distinguished Name or a DN.
There are quite a few fields but you can leave some blank
For some fields there will be a default value,
If you enter '.', the field will be left blank.
-----
Country Name (2 letter code) [AU]:US
State or Province Name (full name) [New York]:
Locality Name (eg, city) [New York]:
Organization Name (eg, company) [Magento 2 CookBook]:
Organizational Unit Name (eg, section) [Kitchen]:
Common Name (e.g. server FQDN or YOUR name) [*.mage2cookbook.com]:
Email Address [info@mage2cookbook.com]:

Please enter the following 'extra' attributes
to be sent with your certificate request
A challenge password []:
An optional company name []:
root@mage2cookbook:/etc/ssl#
```

Server Hostname:

(e.g. www.google.com)

yourdomain.com

Check SSL



**yourdomain.com resolves to 123.456.678.0**



**The certificate should be trusted by all major web browsers (all the correct intermediate certificates are installed).**



**The certificate was issued by [GeoTrust](#).**

[Write review of GeoTrust](#)



**The certificate will expire in 26 days.**

[Remind me](#)



**The hostname (yourdomain.com) is correctly listed in the certificate.**



**Common name:** yourdomain.com  
**SANs:** yourdomain.com  
**Valid** from December 20, 2015 to January 20, 2016  
**Serial Number:** 597922 (0x91fa2)  
**Signature Algorithm:** sha256WithRSAEncryption  
**Issuer:** RapidSSL SHA256 CA - G3



**Common name:** RapidSSL SHA256 CA - G3  
**Organization:** GeoTrust Inc.  
**Location:** US  
**Valid** from August 29, 2014 to May 20, 2022  
**Serial Number:** 146039 (0x23a77)  
**Signature Algorithm:** sha256WithRSAEncryption  
**Issuer:** GeoTrust Global CA

```
root@web1: /var/www/html
root@web1:/var/www/html# php bin/magento setup:performance:generate-fix ^
Generating profile with following params:
|- Websites: 1
|- Store Groups: 1
|- Store Views: 1
|- Categories: 30
|- Simple products: 800
|- Configurable products: 50
|- Customers: 20
|- Cart Price Rules: 10
|- Catalog Price Rules: 10
|- Orders: 80
Generating websites, stores and store views... done in 00:00:00
Generating categories... done in 00:00:03
Generating simple products... done in 00:00:08
Generating configurable EAV variations... done in 00:00:00
Generating configurable products... done in 00:00:04
Generating customers... done in 00:00:00
Generating Cart Price Rules... done in 00:00:00
Generating catalog price rules... done in 00:00:04
Generating tax rates... done in 00:03:44
Generating orders... done in 00:00:05
Config Changes... done in 00:00:00
Indexers Mode Changes... done in 00:00:01
Customer Grid index has been rebuilt successfully in 00:00:00
Category Products index has been rebuilt successfully in 00:00:00
Product Categories index has been rebuilt successfully in 00:00:00
Product Price index has been rebuilt successfully in 00:00:00
Product EAV index has been rebuilt successfully in 00:00:00
Stock index has been rebuilt successfully in 00:00:00
Catalog Rule Product index has been rebuilt successfully in 00:00:14
Catalog Product Rule index has been rebuilt successfully in 00:00:14
Catalog Search index has been rebuilt successfully in 00:00:00
Total execution time: 00:04:49
root@web1:/var/www/html#
```



Search entire store here...



- Category 1
- Category 7
- Category 13
- Category 19
- Category 25
- Category 31
- Category 37
- Category 43
- Category 49
- Category 55
- Category 61
- Category 67
- Category 73
- Category 79
- Category 85
- Category 91
- Category 97
- Category 103
- Category 109
- Category 115
- Category 121
- Category 127
- Category 133
- Category 139
- Category 145
- Category 151
- Category 157
- Category 163
- Category 169
- Category 175
- Category 181
- Category 187
- Category 193
- Category 199
- Category 177
- Category 217
- Category 223
- Category 229
- Category 235
- Category 241
- Category 247
- Category 253
- Category 259
- Category 265
- Category 271
- Category 277
- Category 283
- Category 289
- Category 295

Home > Category 295

# Category 295

Filter



56 items

Sort By Name

Category

Category 297 56

Compare Products

You have no items to compare.



My Wish List

Configurable Product 147  
\$10.00

Configurable Product 447  
\$10.00

Configurable Product 747  
\$10.00

```
root@web1: /var/www/html
<?xml version="1.0"?>
<!--
/**
 * Copyright © 2015 Magento. All rights reserved.
 * See COPYING.txt for license details.
 */
-->
<config>
  <profile>
    <websites>1</websites> <!-- Number of websites to generate -->
  >
    <store_groups>1</store_groups> <!--Number of stores-->
    <store_views>1</store_views> <!-- Number of store views -->
    <simple_products>800</simple_products> <!-- Simple products count -->
    <configurable_products>50</configurable_products> <!--Configurable products count (each configurable has 3 simple products as options, that are not displayed individually in catalog) -->
    <categories>30</categories> <!-- Number of categories to generate -->
    <categories_nesting_level>3</categories_nesting_level> <!-- Nesting level for categories -->
    <catalog_price_rules>10</catalog_price_rules> <!-- Number of catalog price rules -->
    <cart_price_rules>10</cart_price_rules> <!-- Number of cart price rules -->
    <cart_price_rules_floor>2</cart_price_rules_floor> <!-- The price rule condition: minimum products amount in shopping cart for price rule to be applied -->
    <customers>20</customers> <!-- Number of customers to generate -->
    <tax_rates_file>tax_rates.csv</tax_rates_file> <!-- Tax rates file in fixtures directory-->
    <orders>80</orders> <!-- Orders count -->
  </profile>
</config>
1,1 Top
```

# Chapter 4: Creating Catalogs and Categories

Dashboard

Store View: All Store Views ? Reload Data

**Lifetime Sales**  
\$0.00

**Average Order**  
\$0.00

**Last Orders**  
We couldn't find any records.

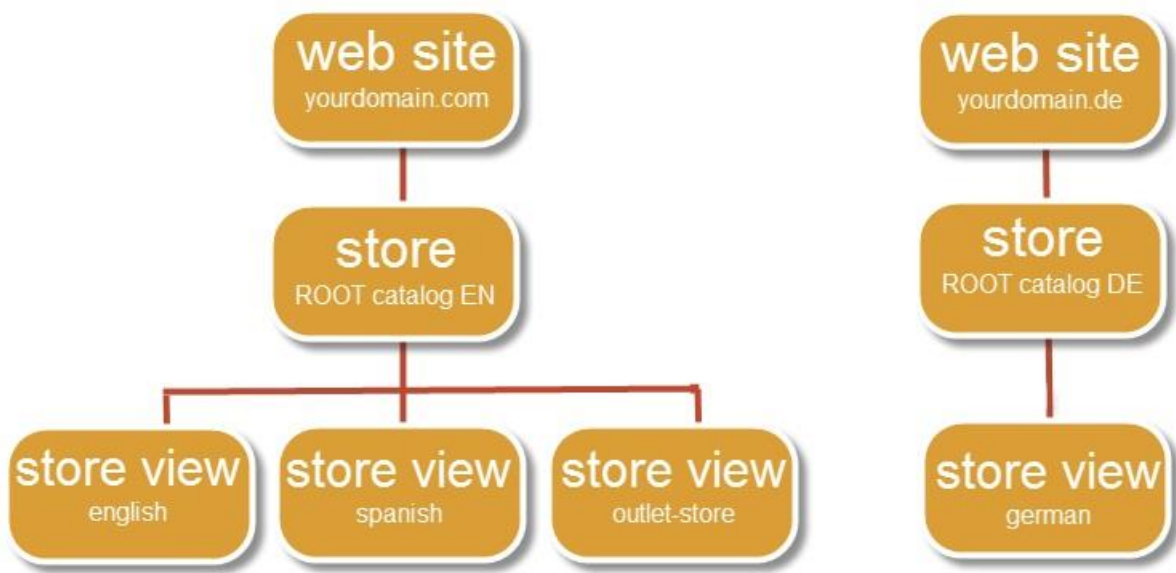
**Last Search Terms**  
We couldn't find any records.

**Top Search Terms**  
We couldn't find any records.

Revenue: \$0.00 | Tax: \$0.00 | Shipping: \$0.00 | Quantity: 0

Bestsellers | Most Viewed Products | New Customers | Customers

Copyright © 2016 Magento Commerce Inc. All rights reserved. Magento ver. 2.0.0 [Report Bugs](#)



```

Array
(
    [USER] => app
    [HOME] => /home/app
    [FCGI_ROLE] => RESPONDER
    [MAGE_RUN_TYPE] => website
    [MAGE_RUN_CODE] => base
    [PHP_FLAG] => session.auto_start=off
    suhosin.session.cryptua=off
    [PHP_VALUE] => memory_limit=256M
    max_execution_time=600
    [MAGE_MODE] => developer
  
```

```

Array
(
    [USER] => app
    [HOME] => /home/app
    [FCGI_ROLE] => RESPONDER
    [MAGE_RUN_TYPE] => website
    [MAGE_RUN_CODE] => fr
    [PHP_FLAG] => session.auto_start=off
    suhosin.session.cryptua=off
    [PHP_VALUE] => memory_limit=256M
    max_execution_time=600
    [MAGE_MODE] => developer
  
```

```

Array
(
    [USER] => app
    [HOME] => /home/app
    [FCGI_ROLE] => RESPONDER
    [MAGE_RUN_TYPE] => website
    [MAGE_RUN_CODE] => de
    [PHP_FLAG] => session.auto_start=off
    suhosin.session.cryptua=off
    [PHP_VALUE] => memory_limit=256M
    max_execution_time=600
    [MAGE_MODE] => developer
  
```

Store View: My German Website



Save Config

GENERAL ^

General

Web

Design

Currency Setup

Store Email Addresses

Search Engine Optimization

Base URLs

Any of the fields allow fully qualified URLs that end with '/' (slash) e.g. http://example.com/magento/

Base URL

Specify URL or {{base\_url}} placeholder.

Use

Default

[STORE VIEW]

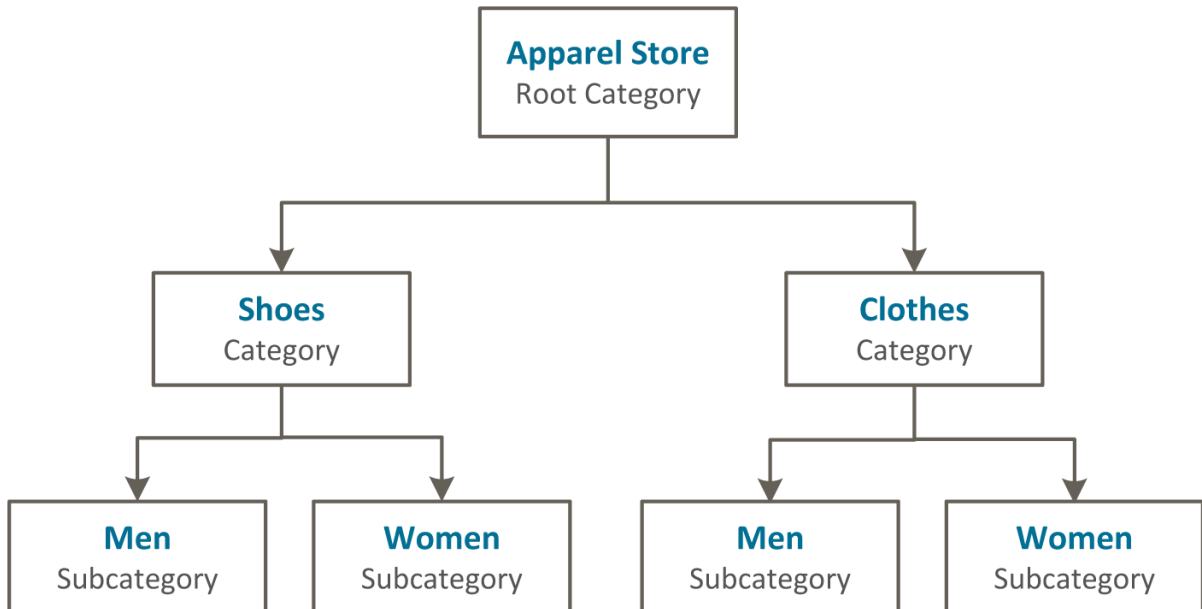
Base Link URL

May start with {{unsecure\_base\_url}} placeholder.

Use

Default

[STORE VIEW]





Add Root Category  
Add Subcategory

Root English (ID: 2)

General Information    Display Settings    Custom Design    Category Products

Collapse All | Expand All

- Root English (0)
  - Shoes (0)
    - Men (0)
    - Women (0)
  - Clothes (0)
    - Men (0)
    - Women (0)
  - Root German (0)
    - Schuhe (0)
      - Männer (0)
      - Frau (0)
    - Kleider (0)
      - Männer (0)
      - Frau (0)
  - Root French (0)
    - Chaussures (0)
      - Hommes (0)
      - Femmes (0)
    - Vêtements (0)
      - Hommes (0)
      - Femmes (0)

Name \*

Is Active \*  Yes  No

Description   
**B I**          Font Family    Font Size                      HTML

WYSIWYG Editor

Image  Geen bestand gekozen

### Edit Attribute Set Name

Name \*   
For internal use

### Groups

Double click on a group to rename it.

- custom\_design\_to
- custom\_layout\_update
- page\_layout
- options\_container
- Autosettings
  - short\_description
  - visibility
  - news\_from\_date
  - news\_to\_date
  - country\_of\_manufacture
  - gift\_message\_available
  - gift\_wrapping\_available
  - gift\_wrapping\_price
  - is\_returnable
- Shoes
  - occasion
  - width
  - shoe\_size
  - shoe\_type
  - color
  - gender

### Unassigned Attributes

manufacturer

### Edit Attribute Set Name

Name \*   
For internal use

### Groups

Double click on a group to rename it.

- page\_layout
- options\_container
- Autosettings
  - short\_description
  - visibility
  - news\_from\_date
  - news\_to\_date
  - country\_of\_manufacture
  - gift\_message\_available
  - gift\_wrapping\_available
  - gift\_wrapping\_price
  - is\_returnable
- Clothes**
  - color
  - occasion
  - apparel\_type
  - sleeve\_length
  - fit
  - size
  - length
  - gender

### Unassigned Attributes

- manufacturer
- shoe\_size
- shoe\_type
- width

**BASIC SETTINGS**

- Product Details
- Images and Videos
- Search Engine Optimization
- Websites

**ADVANCED SETTINGS** ▾

Default ▲

🔍

RECENT ITEMS

- Clothes
- Shoes
- Show all...

SKU \*

Price \*

Tax Class  ▾

## Downloadable Information



## Configurations



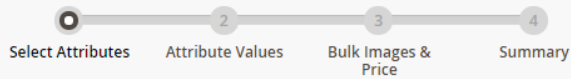
Configurable products allow customers to choose options (Ex: shirt color). You need to create a simple product for each configuration (Ex: a product for each color).

Create Configurations

## Create Product Configurations



When you remove or add an attribute, we automatically update all configurations and you will need to manually recreate the current configurations.



Cancel

Back

Next

## Step 1: Select Attributes

Create New Attribute

Selected Attributes: Size

Filters

Default View

Columns

10 records found (1 selected)

20 per page



1 of 1



<input type="checkbox"/>	Use in Layered Navigation	Attribute Code ↓	Attribute Label	Required	System	Visible	Scope	Searchable	Comparable
<input type="checkbox"/>	Filterable (with results)	apparel_type	apparel_type	Yes	Yes	Yes	Global	Yes	Yes
<input type="checkbox"/>	Filterable (with results)	color	Color	No	Yes	Yes	Global	Yes	Yes
<input type="checkbox"/>	Filterable (with results)	fit	fit	No	Yes	Yes	Global	Yes	No
<input type="checkbox"/>	No	gender	gender	No	Yes	Yes	Global	Yes	No
<input type="checkbox"/>	Filterable (with results)	length	length	No	Yes	Yes	Global	Yes	No
<input type="checkbox"/>	Filterable (with results)	occasion	occasion	No	Yes	Yes	Global	Yes	Yes
<input checked="" type="checkbox"/>	Filterable (with results)	shoe_size	shoe_size	No	Yes	Yes	Global	No	No
<input type="checkbox"/>	Filterable (with results)	shoe_type	shoe_type	Yes	Yes	Yes	Global	Yes	No
<input type="checkbox"/>	Filterable (with results)	size	size	No	Yes	Yes	Global	Yes	No
<input type="checkbox"/>	Filterable (with results)	sleeve_length	sleeve_length	No	Yes	Yes	Global	Yes	No

## Create Product Configurations



Progress bar: 1 Select Attributes, 2 Attribute Values, 3 Bulk Images & Price, 4 Summary

Buttons: Cancel, Back, Next

### Step 2: Attribute Values

Select values from each attribute to include in this product. Each unique combination of values creates a unique product SKU.

shoe\_size (8 Options) [Select All](#) | [Deselect All](#)

<input checked="" type="checkbox"/> 4	<input checked="" type="checkbox"/> 4.5	<input checked="" type="checkbox"/> 5
<input checked="" type="checkbox"/> 5.5	<input checked="" type="checkbox"/> 6	<input checked="" type="checkbox"/> 6.5
<input checked="" type="checkbox"/> 7	<input checked="" type="checkbox"/> 7.5	

[Create New Value](#)

## Create Product Configurations



**i** Choose this option to delete and replace extension data for all past configurations.

Progress bar: 1 Select Attributes, 2 Attribute Values, 3 Bulk Images & Price, 4 Summary

Buttons: Cancel, Back, Next

### Step 3: Bulk Images, Price, and Quantity

Based on your selections 0 new products will be created. Use this step to customize images and price for your new products.

#### Images

- Apply single set of images to all SKUs
- Apply unique images by attribute to each SKU
- Skip image uploading at this time

#### Price

- Apply single price to all SKUs
- Apply unique prices by attribute to each SKU
- Skip price at this time

Price \*

#### Quantity

- Apply single quantity to each SKUs
- Apply unique quantity by attribute to each SKU
- Skip quantity at this time

Quantity \*

# Create Product Configurations



Progress bar with steps: 1 Select Attributes, 2 Attribute Values, 3 Bulk Images & Price, 4 Summary. Buttons: Cancel, Back, Generate Products.

## Step 4: Summary

### Associated Products



You created these products for this configuration.

Images	SKU	Quantity	shoe_size	Price
	shw005-4	100	4	\$ 250
	shw005-4.5	100	4.5	\$ 250
	shw005-5	100	5	\$ 250
	shw005-5.5	100	5.5	\$ 250
	shw005-6	100	6	\$ 250
	shw005-6.5	100	6.5	\$ 250
	shw005-7	100	7	\$ 250
	shw005-7.5	100	7.5	\$ 250



# Ellis Flat

Be the first to review this product

**\$250.00**

**IN STOCK**  
SKU#: shw005

Size \*

Choose an Option... ▼

Qty

1

**Add to Cart**



[♥ WISH LIST](#) [📊 COMPARE](#) [✉ EMAIL](#)

Details

More Information

Reviews

Suede upper. Rubber 0.5" heel. Domestic.

# Shoes

 You added product Ellis Flat to the comparison list.

## Shopping Options



2 Items

PRICE 

COLOR 

SHOE TYPE 

OCCASION 



## Compare Products 2 items

 Ellis Flat

 Broadway Pump

[Compare](#)

[Clear All](#)

Ellis Flat

**\$250.00**

Broadway Pump

**\$410.00**

**Add Product** ▲

- Simple Product
- Configurable Product
- Grouped Product
- Virtual Product
- Bundle Product
- Downloadable Product

Filters Default View Columns

Actions 93 records found 20 per page 1 of 5

ID	Thumbnail	Name	Type	Attribute Set	SKU	Price	Quantity	Visibility	Status	Websites	Action
12		Ellis Flat	Configurable Product	Shoes	shw005	\$250.00	0.0000	Catalog, Search	Enabled	Mage2CookBook EN	<a href="#">Edit</a>
13		shw005-Black	Virtual Product	Shoes	shw005-Black	\$250.00	100.0000	Not Visible Individually	Enabled	Mage2CookBook EN	<a href="#">Edit</a>
14		shw005-Blue	Virtual Product	Shoes	shw005-Blue	\$250.00	100.0000	Not Visible Individually	Enabled	Mage2CookBook EN	<a href="#">Edit</a>

Filters Default View Columns

Actions 93 records found 10 out of 43 visible 20 per page 1 of 5

ID	Thumbnail	Name	Type
12		Ellis Flat	Configurable Product
13		shw005-Black	Virtual Product
14		shw005-Blue	Virtual Product
15		shw005-Brown	Virtual Product

10 out of 43 visible 20 per page 1 of 5



- ID
- Thumbnail
- Name
- Type
- Attribute Set
- SKU
- Price
- Quantity
- Visibility
- Status
- Websites
- Short Description
- Special Price
- Special Price From...
- Special Price To D...
- Cost
- Weight
- Meta Title
- Meta Keywords
- Meta Description
- Set Product as Ne...

[Reset](#) [Cancel](#)



Filters | Default View | Columns




Actions 93 records found | 20 per page

ID	Thumbnail	Name	Type	Attribute Set	Price	Quantity	Status	URL Key	Action
12		Ellis Flat	Configurable Product	Shoes	\$250.00	0.0000	Enabled	ellis-flat	<a href="#">Edit</a>
13		shw005-Black	Virtual Product	Shoes	\$250.00	100.0000	Enabled	shw005-black	<a href="#">Edit</a>

Save View As...

Filters | URL Key view | Columns

Actions 93 records found (7 selected) | 20 per page | 1 of 5

ID	Thumbnail	Name	Type	Attribute Set	Price	Quantity	Status	URL Key	Action	
12		Ellis Flat	Configurable Product	Shoes	\$250.00	0.0000	Enabled	ellis-flat	<a href="#">Edit</a>	
<input checked="" type="checkbox"/>	13		shw005-Black	Virtual Product	Shoes	\$250.00	100.0000	Enabled	shw005-black	<a href="#">Edit</a>
<input checked="" type="checkbox"/>	14		shw005-Blue	Virtual Product	Shoes	\$250.00	100.0000	Enabled	shw005-blue	<a href="#">Edit</a>

Delete  
Change status  
Update attributes

## Advanced Attribute Properties

Attribute Code

This is used internally. Make sure you don't use spaces or more than 30 symbols.

Scope



Declare attribute value saving scope

Unique Value



Not shared with other products

Input Validation  
for Store Owner



Add to Column  
Options



Select "Yes" to add this attribute to the list of column options in the product grid.

Use in Filter  
Options



Select "Yes" to add this attribute to the list of filter options in the product grid.

## Chapter 5: Managing Your Store

### Origin

Country	<input type="text" value="Netherlands"/>	[WEBSITE]
Region/State	<input type="text"/>	[WEBSITE]
ZIP/Postal Code	<input type="text" value="1011AC"/>	[WEBSITE]
City	<input type="text" value="Amsterdam"/>	[WEBSITE]
Street Address	<input type="text" value="My Street 123"/>	[WEBSITE]
Street Address Line 2	<input type="text"/>	[WEBSITE]

---


### Shipping Policy Parameters

Apply custom Shipping Policy	<input type="text" value="Yes"/>	[WEBSITE]
Shipping Policy	<input type="text" value="Please be assured that your items will ship out within two days of purchase. We determine the most efficient shipping carrier for your order. The carriers that may be used are: U.S. Postal Service"/>	[STORE VIEW]

## Table Rates

Enabled	<input type="text" value="Yes"/>	[WEBSITE]
Title	<input type="text" value="Best Way"/>	[STORE VIEW]
Method Name	<input type="text" value="Table Rate"/>	[STORE VIEW]
Condition	<input type="text" value="Weight vs. Destination"/>	[WEBSITE]
Include Virtual Products in Price Calculation	<input type="text" value="No"/>	[WEBSITE]
Calculate Handling Fee	<input type="text" value="Fixed"/>	[WEBSITE]
Handling Fee	<input type="text"/>	[WEBSITE]
Displayed Error Message	<input type="text" value="This shipping method is not available. To use this shipping method, please contact us."/>	[STORE VIEW]
Ship to Applicable Countries	<input type="text" value="All Allowed Countries"/>	[WEBSITE]
Ship to Specific Countries	<input type="text" value="Afghanistan, Åland Islands, Albania, Algeria, American Samoa, Andorra, Angola, Anguilla, Antarctica, Antigua and Barbuda"/>	[WEBSITE]
Show Method if Not Applicable	<input type="text" value="No"/>	[WEBSITE]
Sort Order	<input type="text"/>	[WEBSITE]

# Configuration

Store View: Default Config ▲ 

- Default Config
- Main Website
  - Main Website Store
  - Default Store View
- Stores Configuration

**GENERAL**

**CATALOG**

**CUSTOMERS** ▼

**SALES** ▲

Shipping

Fiat Rate




Table Rates

Condition   Use Default

Export  [WEBSITE]

Include Virtual Products in Price Calculation   Use Default

Import  Geen bestand gekozen [WEBSITE]

<input type="checkbox"/>	ID ↓	Thumbnail	Name	Type	Price	Quantity	Status	Weight	Action
<input type="checkbox"/>	1		Joust Duffle Bag	Simple Product	\$34.00	100.0000	Enabled	50.0000	<a href="#">Edit</a>
<input type="checkbox"/>	2		Strive Shoulder Pack	Simple Product	\$32.00	100.0000	Enabled	49.0000	<a href="#">Edit</a>
<input type="checkbox"/>	3		Crown Summit Backpack	Simple Product	\$38.00	100.0000	Enabled	51.0000	<a href="#">Edit</a>

## Shipping Address

Email Address \*



You can create an account after checkout.

First Name \*

Last Name \*

Company

Street Address \*

City \*

State/Province \*



Zip/Postal Code \*

Country \*



Phone Number \*



## Order Summary

1 Item in Cart



Joust Duffle Bag

\$34.00

Qty: 1

## Shipping Methods

[See our Shipping Policy](#)

**\$17.50** Table Rate  Best Way

Next

### Tax Rule Information

Name \*

Tax Rate \* 

- US-CA-\* -Rate 1
- US-NY-\* -Rate 1
- US-MI-\* -Rate 1
- ✓ Austria (standard)  
Austria (reduced: food / books / pharma / hotels)
- ✓ Belgium (standard)  
Belgium (reduced: restaurants)  
Belgium (reduced: food / books/ pharma / medical / hotels)
- ✓ Bulgaria (standard)

### Tax Classes

Tax Class for Shipping	<input type="text" value="None"/>	<input type="button" value="v"/>	[WEBSITE]
Tax Class for Gift Options	<input type="text" value="None"/>	<input type="button" value="v"/>	[WEBSITE]
Default Tax Class for Product	<input type="text" value="Taxable Goods"/>	<input type="button" value="v"/>	[GLOBAL]
Default Tax Class for Customer	<input type="text" value="Retail Customer"/>	<input type="button" value="v"/>	[GLOBAL]

## Calculation Settings

Tax Calculation Method Based On	<input type="text" value="Row Total"/>	[WEBSITE]
Tax Calculation Based On	<input type="text" value="Shipping Origin"/>	[WEBSITE]
Catalog Prices	<input type="text" value="Excluding Tax"/> This sets whether catalog prices entered from Magento Admin include tax.	[WEBSITE]
Shipping Prices	<input type="text" value="Excluding Tax"/> This sets whether shipping amounts entered from Magento Admin or obtained from gateways include tax.	[WEBSITE]
Apply Customer Tax	<input type="text" value="After Discount"/>	[WEBSITE]
Apply Discount On Prices	<input type="text" value="Including Tax"/> Apply discount on price including tax is calculated based on store tax if "Apply Tax after Discount" is selected.	[WEBSITE]
Apply Tax On	<input type="text" value="Custom price if available"/>	[WEBSITE]
Enable Cross Border Trade	<input type="text" value="No"/> When catalog price includes tax, enable this setting to fix the price no matter what the customer's tax rate.	[WEBSITE]

## Default Tax Destination Calculation

Default Country	<input type="text" value="Netherlands"/>	[STORE VIEW]
Default State	<input type="text" value="*"/>	[STORE VIEW]
Default Post Code	<input type="text"/>	[STORE VIEW]



### Price Display Settings

- Display Product Prices In Catalog  [STORE VIEW]
- Display Shipping Prices  [STORE VIEW]

### Shopping Cart Display Settings

- Display Prices  [STORE VIEW]
- Display Subtotal  [STORE VIEW]
- Display Shipping Amount  [STORE VIEW]
- Display Gift Wrapping Prices  [STORE VIEW]
- Display Printed Card Prices  [STORE VIEW]
- Include Tax In Order Total  [STORE VIEW]
- Display Full Tax Summary  [STORE VIEW]
- Display Zero Tax Subtotal  [STORE VIEW]

## Orders, Invoices, Credit Memos Display Settings

Display Prices	<input type="text" value="Including Tax"/>	[STORE VIEW]
Display Subtotal	<input type="text" value="Including Tax"/>	[STORE VIEW]
Display Shipping Amount	<input type="text" value="Including Tax"/>	[STORE VIEW]
Display Gift Wrapping Prices	<input type="text" value="Including Tax"/>	[STORE VIEW]
Display Printed Card Prices	<input type="text" value="Including Tax"/>	[STORE VIEW]
Include Tax In Order Total	<input type="text" value="Yes"/>	[STORE VIEW]
Display Full Tax Summary	<input type="text" value="No"/>	[STORE VIEW]
Display Zero Tax Subtotal	<input type="text" value="No"/>	[STORE VIEW]

## Fixed Product Taxes

Enable FPT	<input type="text" value="No"/>	[WEBSITE]
Display Prices In Product Lists	<input type="text" value="Including FPT and FPT description"/>	[WEBSITE]
Display Prices On Product View Page	<input type="text" value="Including FPT and FPT description"/>	[WEBSITE]
Display Prices In Sales Modules	<input type="text" value="Including FPT and FPT description"/>	[WEBSITE]
Display Prices In Emails	<input type="text" value="Including FPT and FPT description"/>	[WEBSITE]
Apply Tax To FPT	<input type="text" value="No"/>	[WEBSITE]
Include FPT In Subtotal	<input type="text" value="No"/>	[WEBSITE]

## Order Summary


Cart Subtotal € 34,00

Shipping € 9,95  
Best Way - Table Rate

Tax € 7,14

**Order Total Incl. Tax € 51,09**

Order Total Excl. Tax € 43,95

1 Item in Cart 



Joust Duffle Bag

€ 34,00

Qty: 1

Ship To: 

Ray NL Bogman

Mijn Straat 1

Amsterdam, 1000 AA

Nederland

1234567890


Shipping Method: 

Best Way - Table Rate

# Locale Options


Timezone	Central European Standard Time (	▲
Locale	Dutch (Netherlands)	▼
Weight Unit	kgs	▼
First Day of Week	Sunday	▼
Weekend Days	<ul style="list-style-type: none"><li>Sunday</li><li>Monday</li><li>Tuesday</li><li>Wednesday</li><li>Thursday</li><li>Friday</li><li>Saturday</li></ul>	▲ ▼

Search by keyword 


Actions  3 records found (3 selected)

Name	Group
Veronica Costello	General
Ray NL Bogman	General
	General

- Delete
- Subscribe to Newsletter
- Unsubscribe from Newsletter
- Assign a Customer Group
  - General
  - Wholesale
  - Retailer
  - Platinum
  - Gold
  - Silver
  - Special members
- Edit

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**CUSTOMER INFORMATION**

- Customer View
- Account Information 
- Addresses

**Personal Information**

Last Logged In:	Never (Offline)	<b>Default Billing Address</b>
Confirmed email:	Confirmed	Veronica Costello
Account Created:	Jan 22, 2016, 7:55:28 PM	6146 Honey Bluff Parkway
Account Created in:	Default Store View	Calder, Michigan, 49628-7978
Customer Group:	Platinum	United States
		T: (555) 229-3326

## Stock Options

Set Items' Status to be In Stock When Order is Cancelled	<input type="text" value="Yes"/>	[GLOBAL]
Decrease Stock When Order is Placed	<input type="text" value="Yes"/>	[GLOBAL]
Display Out of Stock Products	<input type="text" value="No"/> <small>Products will still be shown by direct product URLs.</small>	[GLOBAL]
Only X left Threshold	<input type="text" value="0"/>	[WEBSITE]
Display products availability in stock on Storefront.	<input type="text" value="Yes"/>	[STORE VIEW]

## Product Stock Options

Please note that these settings apply to individual items in the cart, not to the entire cart.

<b>Manage Stock</b>	<input type="text" value="Yes"/>	[GLOBAL]									
	Changing can take some time due to processing whole catalog.										
<b>Backorders</b>	<input type="text" value="No Backorders"/>	[GLOBAL]									
	Changing can take some time due to processing whole catalog.										
<b>Maximum Qty Allowed in Shopping Cart</b>	<input type="text" value="10000"/>	[GLOBAL]									
<b>Out-of-Stock Threshold</b>	<input type="text" value="0"/>	[GLOBAL]									
<b>Minimum Qty Allowed in Shopping Cart</b>	<table><thead><tr><th>Customer Group</th><th>Minimum Qty</th><th>Action</th></tr></thead><tbody><tr><td><input type="text" value="ALL"/></td><td><input type="text" value="1"/></td><td></td></tr><tr><td colspan="3"><input type="button" value="Add"/></td></tr></tbody></table>	Customer Group	Minimum Qty	Action	<input type="text" value="ALL"/>	<input type="text" value="1"/>		<input type="button" value="Add"/>			[GLOBAL]
Customer Group	Minimum Qty	Action									
<input type="text" value="ALL"/>	<input type="text" value="1"/>										
<input type="button" value="Add"/>											
<b>Notify for Quantity Below</b>	<input type="text" value="1"/>	[GLOBAL]									
<b>Enable Qty Increments</b>	<input type="text" value="No"/>	[GLOBAL]									
<b>Automatically Return Credit Memo Item to Stock</b>	<input type="text" value="No"/>	[GLOBAL]									

## Advanced Inventory

---

Manage Stock	<input type="text" value="Yes"/> ▼	[GLOBAL]
	<input checked="" type="checkbox"/> Use Config Settings	
Qty	<input type="text" value="99"/>	[GLOBAL]
Out-of-Stock Threshold	<input type="text" value="0"/>	[GLOBAL]
	<input checked="" type="checkbox"/> Use Config Settings	
Minimum Qty Allowed in Shopping Cart	<input type="text" value="0"/>	[GLOBAL]
	<input checked="" type="checkbox"/> Use Config Settings	
Maximum Qty Allowed in Shopping Cart	<input type="text" value="10000"/>	[GLOBAL]
	<input checked="" type="checkbox"/> Use Config Settings	
Qty Uses Decimals	<input type="text" value="No"/> ▼	[GLOBAL]
Allow Multiple Boxes for Shipping.	<input type="text" value="No"/> ▼	[GLOBAL]
Backorders	<input type="text" value="No Backorders"/> ▼	[GLOBAL]
	<input checked="" type="checkbox"/> Use Config Settings	
Notify for Quantity Below	<input type="text" value="1"/>	[GLOBAL]
	<input checked="" type="checkbox"/> Use Config Settings	
Enable Qty Increments	<input type="text" value="No"/> ▼	[GLOBAL]
	<input checked="" type="checkbox"/> Use Config Settings	
Stock Availability	<input type="text" value="In Stock"/> ▼	[GLOBAL]



Import Service

Webservicex ▼

Import

	EUR	GBP	USD
EUR	1.0000	0.7573	1.4150

## Advanced Pricing

Add At

Special Price  [GLOBAL]

Special Price From Date   [WEBSITE]

Special Price To Date   [WEBSITE]

Cost  [GLOBAL]

### Tier Price

Web Site	Customer Group	Quantity	Item Price	Action
All \ ▼	Gold ▼	10 and above	22.50	Delete
All \ ▼	Plat ▼	10 and above	20.00	Delete
All \ ▼	Silv ▼	10 and above	25.00	Delete
<input type="button" value="Add Price"/>				

Manufacturer's Suggested Retail Price  [GLOBAL]

Display Actual Price  ▲ [WEBSITE]  
Use config  
On Gesture  
In Cart  
Before Order Confirmation



## Joust Duffle Bag



2 Reviews

[Add Your Review](#)

~~€35,00~~ [Click for price](#) [What's this?](#)

**IN STOCK**

SKU#: 24-MB01

Our price is lower than the manufacturer's "minimum advertised price." As a result, we cannot show you the price in catalog or the product page. ✕

You have no obligation to purchase the product once you know the price. You can simply remove the item from your cart.

[Add to Cart](#)

# Chapter 6: Creating a Magento 2 Theme

**GENERAL** ^

Design Theme

General

Web

**Design**

Currency Setup

Store Email Addresses

Design Theme

- No Theme --
- ✓ M2 Cookbook Sample Theme
- Magento Blank
- Magento Luma

[STORE VIEW]


User-Agent Exceptions


Search String	Design Theme	Action
		<input type="button" value="Add"/>

[WEBSITE]

Search strings are either normal strings or regular exceptions (PCRE). They are matched in the same order as entered. Examples:  
Firefox  
/mozilla/1

Default welcome msg! [My Account](#) [My Wish List](#) [Create an Account](#) [Sign In](#)

 **GENMATO**  
MAGENTO EXTENSIONS FOR EFFICIENCY

Search entire store here...   

[Advanced Search](#)

[What's New](#) [Women](#) [Men](#) [Gear](#) [Training](#) [Sale](#)

[Search Terms](#)  
[Privacy and Cookie Policy](#)  
[Advanced Search](#)  
[Orders and Returns](#)  
[Contact Us](#)



```

mbp:html vladimir$ grunt watch
Running "watch" task
Waiting...
>> File "pub/static/frontend/Genmato/default/en_US/css/source/_theme.less" changed.
Running "less:genmato" (less) task
File pub/static/frontend/Genmato/default/en_US/css/styles-m.css created: 278.12 kB → 480.24 kB
File pub/static/frontend/Genmato/default/en_US/css/styles-l.css created: 72.4 kB → 125.19 kB
File pub/static/frontend/Genmato/default/en_US/css/sample.css created: 0 B → 0 B

```

Done, without errors.

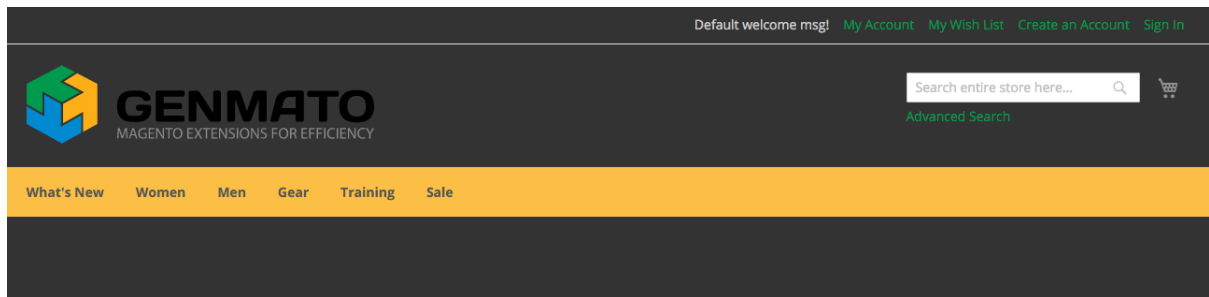
Execution Time (2016-02-16 11:44:02 UTC)

loading tasks	298ms	<div style="width: 4%;"></div>	4%
loading grunt-contrib-less	132ms	<div style="width: 2%;"></div>	2%
less:genmato	7.8s	<div style="width: 95%;"></div>	95%
<b>Total 8.2s</b>			

```

Completed in 9.265s at Tue Feb 16 2016 12:44:10 GMT+0100 (CET) - Waiting...
>> File "pub/static/frontend/Genmato/default/en_US/css/styles-m.css" changed.
>> File "pub/static/frontend/Genmato/default/en_US/css/sample.css" changed.
>> File "pub/static/frontend/Genmato/default/en_US/css/styles-l.css" changed.
Completed in 0.000s at Tue Feb 16 2016 12:44:10 GMT+0100 (CET) - Waiting...

```



Execution Time (2016-02-17 10:23:47 UTC)

loading tasks	762ms	<div style="width: 7%;"></div>	7%
loading grunt-contrib-less	337ms	<div style="width: 3%;"></div>	3%
less:genmato	9.8s	<div style="width: 90%;"></div>	90%
<b>Total 10.9s</b>			

```


Live reloading pub/static/frontend/Genmato/default/en_US/css/styles-m.css...
Completed in 12.109s at Wed Feb 17 2016 11:23:58 GMT+0100 (CET) - Waiting...
>> File "pub/static/frontend/Genmato/default/en_US/css/styles-m.css" changed.
>> File "pub/static/frontend/Genmato/default/en_US/css/styles-l.css" changed.
Live reloading pub/static/frontend/Genmato/default/en_US/css/styles-l.css...
Completed in 0.000s at Wed Feb 17 2016 11:23:59 GMT+0100 (CET) - Waiting...

```

## General Information

Block Title \*

Identifier \*

Store View \* 

All Store Views

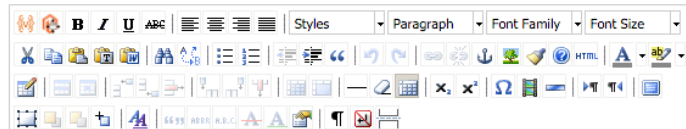
**Main Website**

**Main Website Store**

Default Store View

Status \*  ▼

Content \*




Footer static block

## General Information

Block Title \*

Identifier \*

Store View \* 

All Store Views

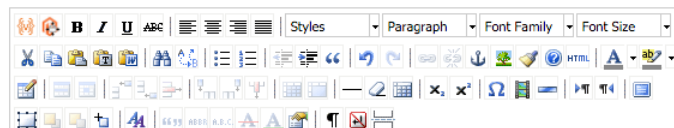
**Main Website**

**Main Website Store**

Default Store View

Status \*  ▼

Content \*



Sample homepage content

[← Back](#)   [Reset](#)

**WIDGET**

Settings

Settings

Type \* CMS Static Block

Design Theme \* M2 Cookbook Sample Theme

[Continue](#)

Storefront Properties

Type CMS Static Block

Design Package/Theme M2 Cookbook Sample Theme

Widget Title \* Sample content

Assign to Store Views \*

- All Store Views
- Main Website**
- Main Website Store**
- Default Store View

Sort Order 1

Sort Order of widget instances in the same container

Layout Updates

Display on Specified Page

Page	Container	Template
CMS Home Page	Main Content Area	CMS Static Block Default Template

[Add Layout Update](#)



## Widget Options

Block ★ Sample Homepage

Select Block...

## Design Theme

Design Theme  [STORE VIEW]

If no value is specified, the system default will be used. The system default may be modified by third party extensions.

User-Agent Exceptions ? [WEBSITE]

Search String

Add

Design Theme	Action
-- No Theme --	
✓ M2 Cookbook Sample Mobile Theme	
M2 Cookbook Sample Theme	
Magento Blank	
Magento Luma	

Search strings are either normal strings or regular exceptions (PCRE). They are matched in the same order as entered. Examples:

Firefox  
/^mozilla/i

# Pursuit Lumaflex™ Tone Band

★★★★★ 2 Reviews [Add Your Review](#)

**€16.00**  
IN STOCK SKU 24-UG02

Qty  [Add to Cart](#)

[Add to Wish List](#) [Add to Compare](#)

[Email](#)

# Pursuit Lumaflex™ Tone Band

★★★★★ 2 Reviews [Add Your Review](#)

**€16.00**  
IN STOCK SKU 24-UG02

Qty  [Buy](#)

[Add to Wish List](#) [Add to Compare](#)

[Email](#)

## Chapter 7: Creating Magento 2 Extensions – the Basics

**Packagist** *The PHP Package Repository*

Search packages...

### Submit package

Repository URL (Git/Svn/Hg)

git@github.com:Genmato/M2\_Sample.git|

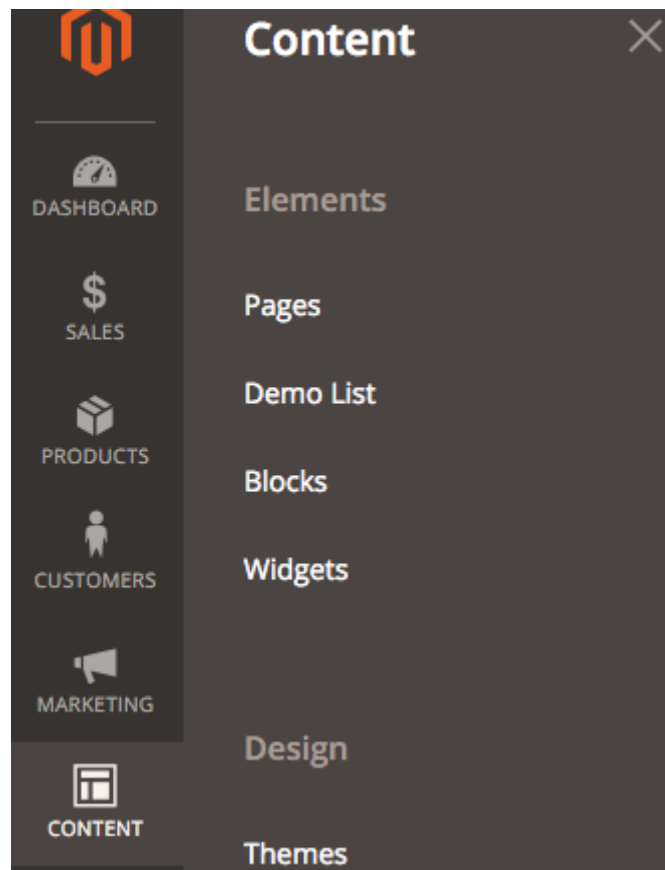
Check

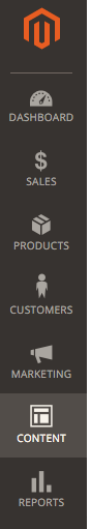
module	schema_version	data_version
▶ Genmato_Sample	0.1.3	0.1.3
Magento_AdminNotification	2.0.0	2.0.0
Magento_AdvancedPricingImportExport	2.0.0	2.0.0
Magento_Authorization	2.0.0	2.0.0
Magento_Authorizenet	2.0.0	2.0.0
Magento_Backend	2.0.0	2.0.0

# Sample DemoList

Sample DemoList

ID	Title
1	Demo Title





# Demo List

Add New Item

demo

Filters, Default View, Columns

Active filters: Keyword: demo, Clear all

Select Items, 1 records found, 20 per page, 1 of 1

ID	Title	Action
1	Demo Title	Select

## Chapter 8: Creating Magento 2 Extensions – Advanced

### Advanced Pricing

---

Cost

# Demo Product

Be the first to review this product

**€31.25**

SKU#: Demo Product

---