

Guides

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Magento 2.2.2 Guide for New Theme

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Email Configuration - SMTP Extension

Customize Email Templates

Activate the new email templates for your Theme

Add your own store emails

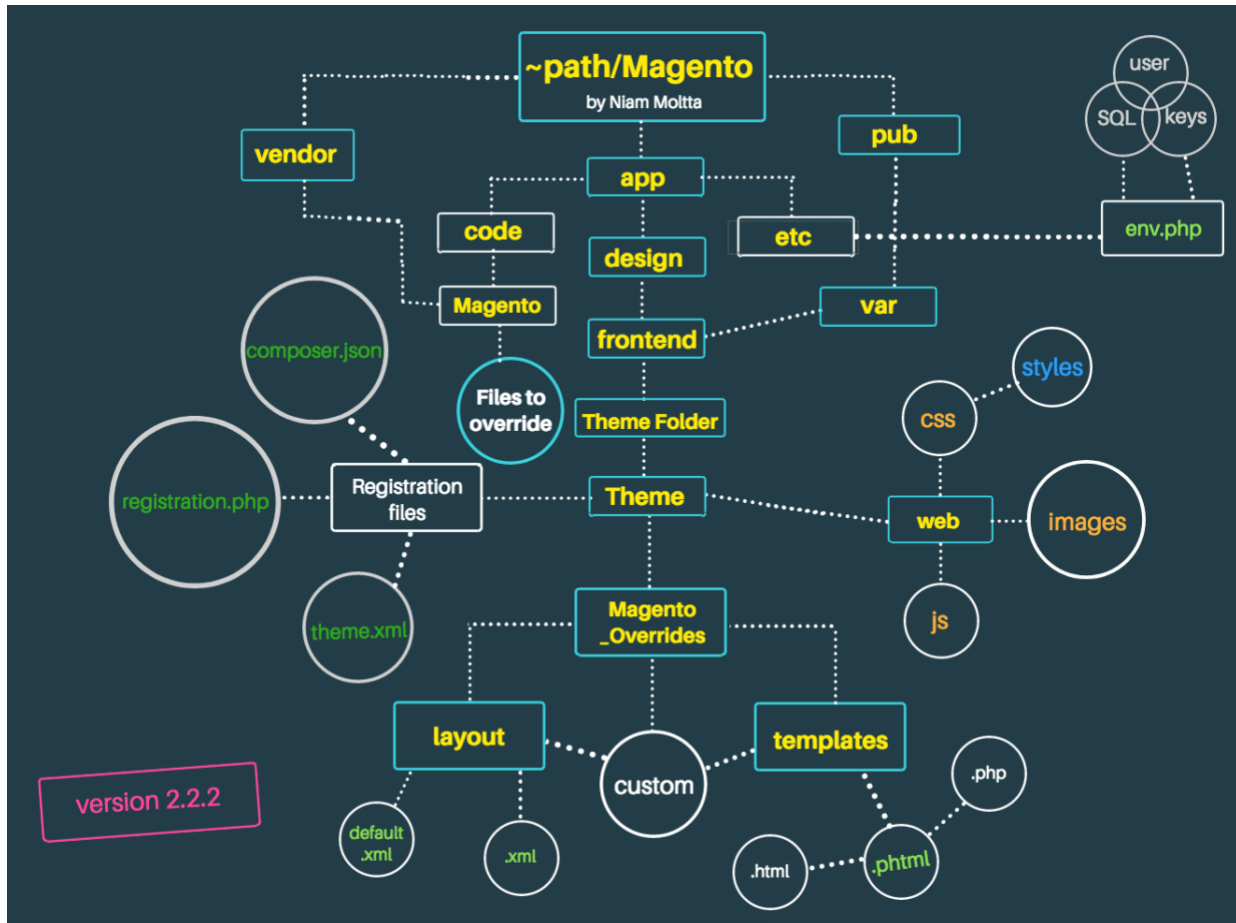
Configure the Simple Mail Transfer Protocol

Test your new email configuration

Overridden Files for new Theme

Troubleshooting

Magento Frontend Structure



1. Set permissions.

```
$ cd /var/www/<your Magento install dir>
$ find var generated vendor pub/static pub/media app/etc -type f -exec chmod u+w {} \;
$ find var vendor generated pub/static pub/media app/etc -type d -exec chmod u+w {} \;
$ chmod u+x bin/magento
```

2. Download and Install Magento From: <https://magento.com/tech-resources/download>

- ☐ var
- ☐ www
- ☐ *Put unzipped folders here *or localhost

3. Open browser, go to server address and follow instructions:

Some extensions and tools may be needed, check:
http://docs.magento.com/m1/ce/user_guide/magento/system-requirements.html

Better to have in hand:

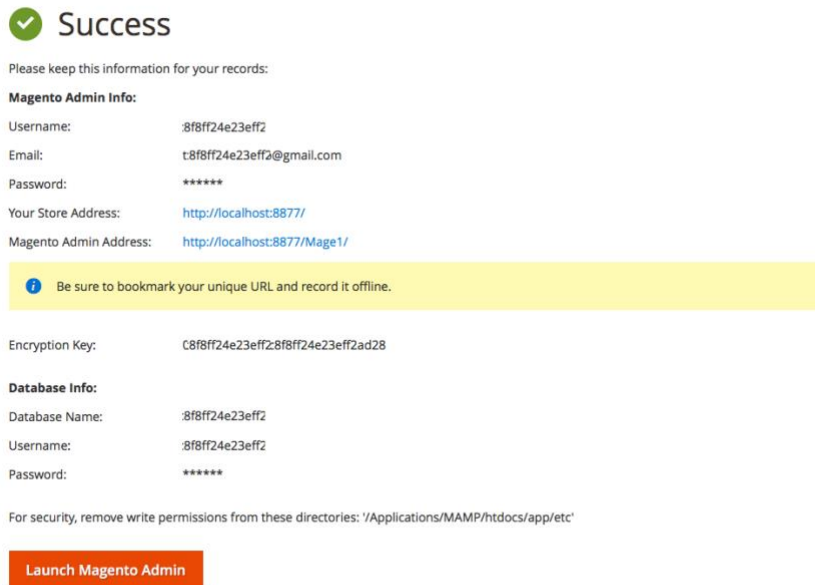
- Unique Username
- Valid e-mail
- Unique and hard to guess Password

Set database name and password (for mysql):

*meaningful name

*unforgettable password

4. When you see this page, set developer mode:



The screenshot shows a 'Success' message with a green checkmark icon. Below the message, it says 'Please keep this information for your records:'. The 'Magento Admin Info' section lists: Username: :8f8ff24e23eff2, Email: t:8f8ff24e23eff2@gmail.com, Password: ***** (masked), Your Store Address: http://localhost:8877/, and Magento Admin Address: http://localhost:8877/Mage1/. A yellow box contains a tip: 'Be sure to bookmark your unique URL and record it offline.' Below this, the 'Encryption Key' is shown as C8f8ff24e23eff2:8f8ff24e23eff2ad28. The 'Database Info' section lists: Database Name: :8f8ff24e23eff2, Username: :8f8ff24e23eff2, and Password: ***** (masked). At the bottom, a note states: 'For security, remove write permissions from these directories: '/Applications/MAMP/htdocs/app/etc''. An orange button labeled 'Launch Magento Admin' is at the bottom.

Go to ~path/magento_root_directory:

```
$ php bin/magento deploy:mode:set developer
```

```
$ su magento_username
```


Follow these instructions: <https://devdocs.magento.com/guides/v2.2/config-guide/cli/config-cli-subcommands-cron.html>

4. Add new Theme Folder to ~path/magento_root_directory:


- ☐ app
 - ☐ design
 - ☐ frontend
 - ☐ ThemeName (Theme Folder)
 - ☐ Theme

5. Install new Theme from admin page <http://youraddress/admin>:


Content > Design > Configuration > [Edit](#) > Select Applied Theme > [Save Configuration](#)




DASHBOARD




SALES




CATALOG




CUSTOMERS




MARKETING




CONTENT




MAGEPLAZA




MANADEV




REPORTS



STORES






SYSTEM




FIND PARTNERS
& EXTENSIONS


Design Configuration

 mns

Default	Website	Store	Store View	Theme Name	Action
Global				-- No Theme --	Edit
Global	Main Website			-- No Theme --	Edit
Global	Main Website	Main Website Store	Default Store View	Website Theme	Edit

Filters

 Default View

 Columns

3 records found

20 per page 1 of 1

Copyright © 2018 Magento Commerce Inc. All rights reserved. Magento ver. 2.2.2 [Report an Issue](#)

Save Configuration

Default Theme

Applied Theme

-- No Theme --

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

Design Rule

User Agent Rules

User agent exceptions override product and CMS pages rules.



Go to ~path/Magento_root_directory:

```
$ php bin/magento setup:static-content:deploy -f
$ rm -rf var/view_preprocessed/* var/cache/* var/page_cache/* pub/static/frontend/*
$ php bin/magento cache:flush
```

6. Import database:

On your previous location, run:

```
$ mysqldump -u user -p databasename > databasewfile.sql
```

On your new location:

```
$ mysql -u user -p
> use 'databasename';
> drop database 'olddb';
> create database 'newdb';
> exit
$ mysql -u user -p newdb < newdb.sql
```

*necessary if contains previous data
*clear for new database to import

7. Update base_url for new server:

```
$ mysql -u user -p
> USE newimporteddb;
> UPDATE core_config_data SET value = 'http://serveraddress/' WHERE path =
'web/unsecure/base_url';
> UPDATE core_config_data SET value = 'https://serveraddress/' WHERE path =
'web/secure/base_url';
> exit
```

Or:

```
$ cd /var/www/yourdirectory
$ php bin/magento setup:store-config:set --base-url-secure="http://localhost:8080/"
$ php bin/magento setup:store-config:set --base-url-unsecure="https://localhost:8080/"
```

If trouble: \$ chmod -R 777 var/ pub/ generated/ and repeat commands.

8. ~path/magento_root_directory:

```
$ composer install
$ php bin/magento setup:static-content:deploy -f
$ php bin/magento setup:di:compile
$ php bin/magento maintenance:enable
$ php bin/magento setup:upgrade --keep-generated
$ php bin/magento maintenance:disable
$ php bin/magento indexer:reindex
$ php bin/magento setup:di:compile
$ php bin/magento cache:flush
```



9. Product images location:

- ❑ pub
 - ❑ media
 - ❑ catalog
 - ❑ product
 - ❑ cache
 - ❑ image
 - ❑ Image.jpg
 - ❑ Image.png
 - ❑ image.jpeg

11. Updates: localhost → server

Once the desired changes are visible on localhost > Upload file(s) through *Filezilla* or *ssh* and go to ~path/Magento_root_directory:

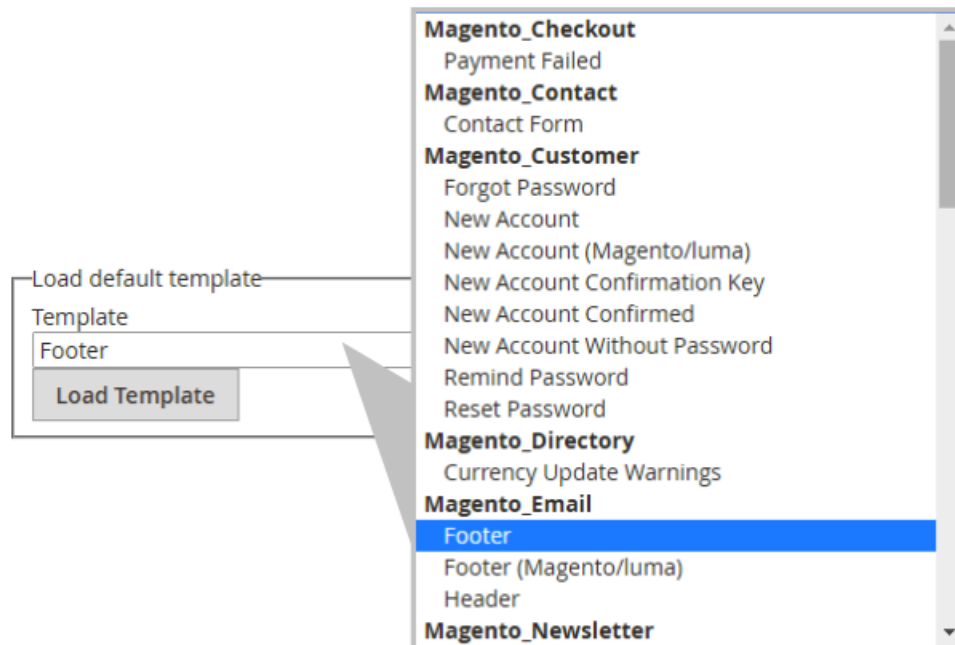
```
$rm -rf var/view_preprocessed/* var/cache/* var/page_cache/* pub/static/frontend/*  
$php bin/magento cache:flush
```

12. Email Configuration - SMTP Extension ~path/Magento_root_directory:

```
$ composer require mageplaza/module-smtp  
$ php bin/magento setup:upgrade  
$ php bin/magento setup:static-content:deploy  
$ php bin /magento setup:di:compile
```

13. Customize Email Templates > admin page <http://youraddress/admin>:

Marketing > Communications > Email Templates > **Add New Template** > Select Template
> Load Template



14. Fill out the Template Information > [Save Template](#)

Currently Used For Stores -> [Configuration](#) -> [Design](#) -> Emails -> Footer Template (Default Config)

Template Name *

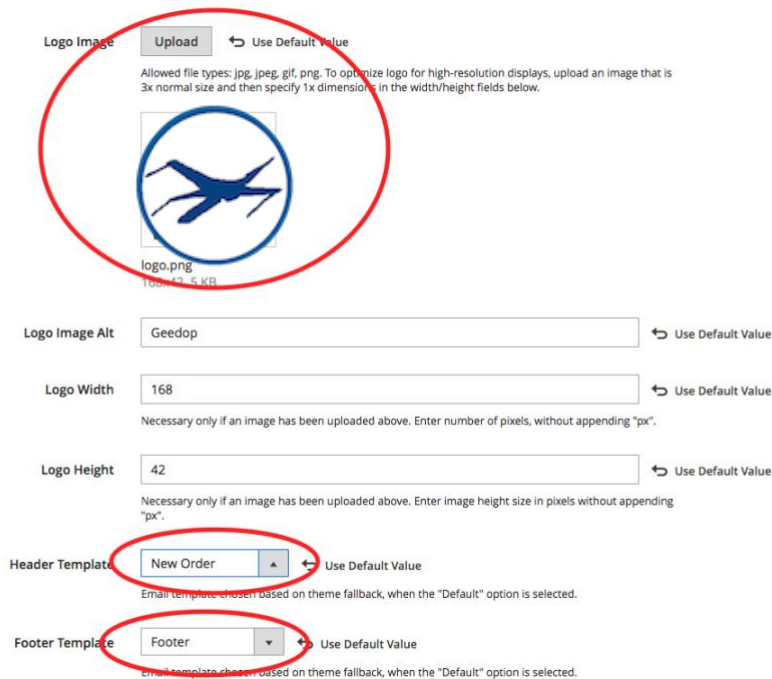
Template Subject *

Footer

15. Activate the new email templates for your Theme and upload Logo Image

Content > [Design](#) > Configuration > [Edit](#) > Transactional Emails

Transactional Emails



Logo Image

Allowed file types: jpg, jpeg, gif, png. To optimize logo for high-resolution displays, upload an image that is 3x normal size and then specify 1x dimensions in the width/height fields below.

Logo Image Alt

Logo Width
Necessary only if an image has been uploaded above. Enter number of pixels, without appending "px".

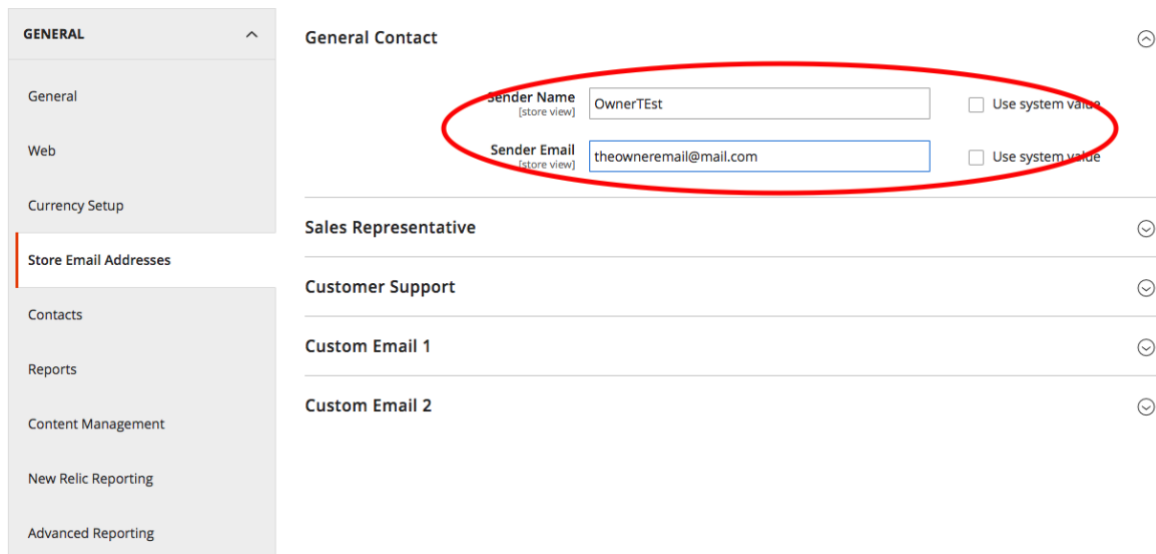
Logo Height
Necessary only if an image has been uploaded above. Enter image height size in pixels without appending "px".

Header Template
Email template chosen based on theme fallback, when the "Default" option is selected.

Footer Template
Email template chosen based on theme fallback, when the "Default" option is selected.

16. Insert your custom store emails

Stores > Settings > Configuration > General > Store Email Addresses > [Save Config](#)



GENERAL

General

Web

Currency Setup

Store Email Addresses

Contacts

Reports

Content Management

New Relic Reporting

Advanced Reporting

General Contact

Sender Name ☐ Use system value

Sender Email ☐ Use system value

Sales Representative

Customer Support

Custom Email 1

Custom Email 2

17. Configure the Simple Mail Transfer Protocol

Magento > SMTP > Configuration > [Save Config](#)

GENERAL

CATALOG

MANAGEV

CUSTOMERS

SALES

MAGEPLAZA EXTENSIONS

SMTP


Information

Marketplace

SERVICES


ADVANCED

General Configuration

Enable Mageplaza SMTP 

Mageplaza SMTP is compatible with default Magento SMTP and other email modules.
It helps to reduce abandonment cart with [One Step Checkout](#).
Fully compatible with [Abandoned Cart Email](#)

SMTP Configuration Options

SMTP Provider 

Select a Pre-defined SMTP Server, then click Load Settings.

Host
Support Host name and ID Address

Port
Default ports: 25, 465, or 587. Port 465 (SSL required), Port 587 (TLS required)

Authentication

Username

Password

Protocol
We recommend use security connections: SSL or TLS. Secure Socket Layer (SSL), Transport Layer Security (TLS) protocols.

Return-Path Email
Leave empty to ignore it.

18. Flush Cache and Test your new configuration

Send Test Email

Send From
[store view]

Send To
[store view]

Enter your email and click **Test Now** button to test the configuration.

Read:

- [FAQs](#)
- [Connection timed out](#)



Troubleshooting

1. 'Add to cart' is not working: "We can't add this item to your shopping cart right now".

If `$ php bin/magento setup:di:compile` **does not work**, run:

```
$ rm -rf pub/static/frontend/* pub/static/adminhtml/* var/cache/* var/page_cache/*  
var/view_preprocessed/*  
$ php bin/magento setup:static-content:deploy  
$ php bin/magento indexer:reindex
```

If it worked previously, just run:

```
$ php bin/magento cache:flush  
$ php bin/magento indexer:reindex  
$ php bin/magento setup:di:compile (again)  
$ chmod -R 777 var/ pub/
```

2. I can't sign in to admin, even when I am using the correct password.

Go to your magento/root/path:

```
$ php bin/magento admin:user:unlock ADMINUSERNAME
```

Or change password in database:

```
$ mysql -u username -p  
$ password  
> use databasename;  
> UPDATE admin_user SET password = CONCAT(SHA2('xxxxxxxNewPassword', 256),  
' :xxxxxxx:1') WHERE username = 'AdminUserName';  
> exit;
```



If problem remains:

> \$ php bin/magento admin:user:unlock <adminusername> (again)

3. When setting mode from developer to production, website goes blank.

```
$ sudo rm -rf var/cache/* generated/metadata/* generated/code/*  
var/view_preprocessed/* pub/static/frontend/* pub/static/adminhtml/*  
$ sudo chmod -R 777 var/ pub/  
$ sudo bin/magento setup:static-content:deploy --no-less --no-css -f  
$ sudo chmod -R 777 var/ pub/  
$ sudo bin/magento deploy:mode:set production --skip-compilation  
$ sudo chmod -R 777 var/ pub/  
$ sudo php bin/magento cache:flush  
$ sudo php bin/magento cache:clean  
$ sudo chmod -R 777 var/ pub/  
$ sudo composer install  
$ sudo chmod -R 777 var/ pub/  
$ sudo php bin/magento setup:di:compile  
$ sudo chmod -R 777 var/ pub/  
$ sudo bin/magento setup:static-content:deploy -f  
$ sudo chmod -R 777 var/ pub/  
$ sudo php bin/magento cache:status
```

Current status: (must look like this)

```
config: 1  
layout: 1  
block_html: 1  
collections: 1  
reflection: 1  
db_ddl: 1  
eav: 1  
customer_notification: 1  
config_integration: 1  
config_integration_api: 1  
full_page: 0
```



translate: 1
config_webservice: 1

If that result doesn't show up, run:

```
$ sudo php bin/magento cache:enable
$ sudo php bin/magento cache:disable full_page
$ sudo php bin/magento cache:status
$ sudo chmod -R 777 var/ pub/
$ sudo bin/magento deploy:mode:show
```

Expected Result:

Current application mode: production. (Note: Environment variables may override this value.)

4. When implementing custom javascript code, ***quote number*** and other jQuery functions stop working.

Edit your custom javascript code beginning/ending to look like this:

```
<script type="text/javascript">
    require(['jquery'], function($) {
        $(document).ready(function() {
            $('#imageGallery1').lightSlider({           /* example */
                item:1,
                vertical: true,                           /* end of example */
            });
        });
    });
</script>
```

5. Configuration trouble on server for new domain name.

- The new domain name must point to new server.
- Magento database must have web secure & insecure url set to new address
- To set new url's for Magento go to mysql > databasename > core_config_data and change them to the correct new url (http://yourdomain.com & https://yourdomain.com).
- For more instructions to change url, go to [step 7](#).
- Make sure the following files are similar to these examples:

/etc/hosts file:



```
127.0.0.1 localhost
# The following lines are desirable for IPv6 capable hosts
::1 ip6-localhost ip6-loopback
fe00::0 ip6-localnet
ff00::0 ip6-mcastprefix
ff02::1 ip6-allnodes
ff02::2 ip6-allrouters
ff02::3 ip6-allhosts
```

/etc/apache2/sites-available/yoursite.conf:

```
<VirtualHost *:80>
# The ServerName directive sets the request scheme, hostname and port that
# the server uses to identify itself. This is used when creating
# redirection URLs. In the context of virtual hosts, the ServerName
# specifies what hostname must appear in the request's Host: header to
# match this virtual host. For the default virtual host (this file) this
# value is not decisive as it is used as a last resort host regardless.
# However, you must set it for any further virtual host explicitly.

ServerName yourdomain.com
ServerAlias www.yourdomain.com    *www can be replaced by store

ServerAdmin webmaster@localhost
DocumentRoot /var/www/yourrootdirectory

<Directory /var/www/yourdirectory>
    Options Indexes FollowSymLinks MultiViews
    AllowOverride All
    allow from all
</Directory>

# Available loglevels: trace8, ..., trace1, debug, info, notice, warn,
# error, crit, alert, emerg.
# It is also possible to configure the loglevel for particular
# modules, e.g.
#LogLevel info ssl:warn

ErrorLog ${APACHE_LOG_DIR}/error.log
CustomLog ${APACHE_LOG_DIR}/access.log combined

# For most configuration files from conf-available/, which are
# enabled or disabled at a global level, it is possible to
# include a line for only one particular virtual host. For example the
# following line enables the CGI configuration for this host only
# after it has been globally disabled with "a2disconf".
#Include conf-available/serve-cgi-bin.conf
</VirtualHost>
```



```
$ sudo a2ensite yoursite.conf  
$ sudo service apache2 reload
```

6. Server gets very slow and cron jobs are using more than 100% of CPU

```
$ mysql -u root -p  
> use databasename;  
> SELECT (*) FROM cron_schedule;
```

If number gets really high, like more than 2,000, then run:

```
> DELETE FROM cron_schedule WHERE scheduled_at < date_sub(now(), interval 1 hour);  
> SELECT (*) FROM cron_schedule;
```

If number increase again, set crontab to this:

```
$ sudo addusername adminXXX
```

Fill information > Y

```
$ crontab -e
```

```
#~ MAGENTO START  
***** /usr/bin/php7.0 /var/www/rootdirectory/bin/magento cron:run 2>&1 | grep -v "Ran jobs by  
schedule" >> /var/www/rootdirectory/var/log/magento.cron.log  
***** /usr/bin/php7.0 /var/www/rootdirectory/update/cron.php >>  
/var/www/rootdirectory/var/log/update.cron.log  
***** /usr/bin/php7.0 /var/www/rootdirectory/bin/magento setup:cron:run >>  
/var/www/rootdirectory/var/log/setup.cron.log  
0 ***** /usr/bin/mysql -u<user> -p'<password>' databasename -e "delete from cron_schedule where  
scheduled_at < date_sub(now(), interval 1 hour)";  
#~ MAGENTO END
```

Save it (Ctrl+x) and a cron job will be scheduled to delete the excess of jobs every hour.

```
$ php bin/magento cache:flush  
$ php bin/magento cron:run
```

7. Trying to connect to server and this wild message appears:

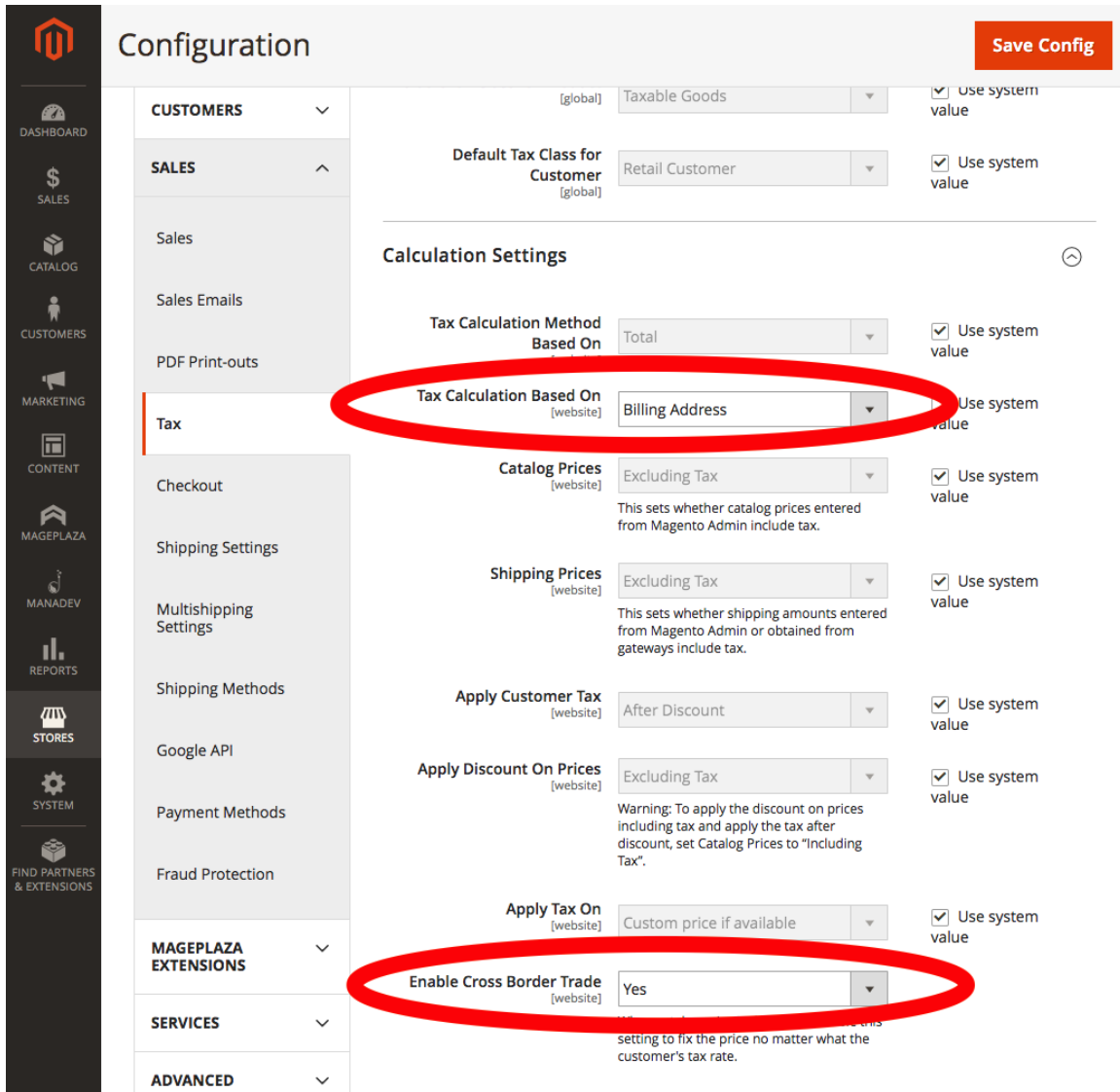
ssh_exchange_identification: read: Connection reset by peer

That could be an external problem from Magento, check this forum:

<https://unix.stackexchange.com/questions/151860/ssh-exchange-identification-read-connection-reset-by-peer> for details.

8. “No payment Methods” appears in checkout page, and there is no “Place Order” button.

Go to admin > Stores > Configuration > Sales > Tax > Calculation Settings



Configuration Save Config

CUSTOMERS ▼

SALES ▲

Sales

Sales Emails

PDF Print-outs

Tax

Checkout

Shipping Settings

Multishipping Settings

Shipping Methods

Google API

Payment Methods

Fraud Protection

MAGEPLAZA EXTENSIONS ▼

SERVICES ▼

ADVANCED ▼

Calculation Settings ⌵

Tax Calculation Method Based On global Taxable Goods ▼ ☒ Use system value

Default Tax Class for Customer global Retail Customer ▼ ☒ Use system value

Tax Calculation Based On website Billing Address ▼ ☒ Use system value

Catalog Prices website Excluding Tax ▼ ☒ Use system value
This sets whether catalog prices entered from Magento Admin include tax.

Shipping Prices website Excluding Tax ▼ ☒ Use system value
This sets whether shipping amounts entered from Magento Admin or obtained from gateways include tax.

Apply Customer Tax website After Discount ▼ ☒ Use system value

Apply Discount On Prices website Excluding Tax ▼ ☒ Use system value
Warning: To apply the discount on prices including tax and apply the tax after discount, set Catalog Prices to "Including Tax".

Apply Tax On website Custom price if available ▼ ☒ Use system value

Enable Cross Border Trade website Yes ▼

9. For **more** questions, you can check the [FAQ](#) section of the next guide.



10. To continue...

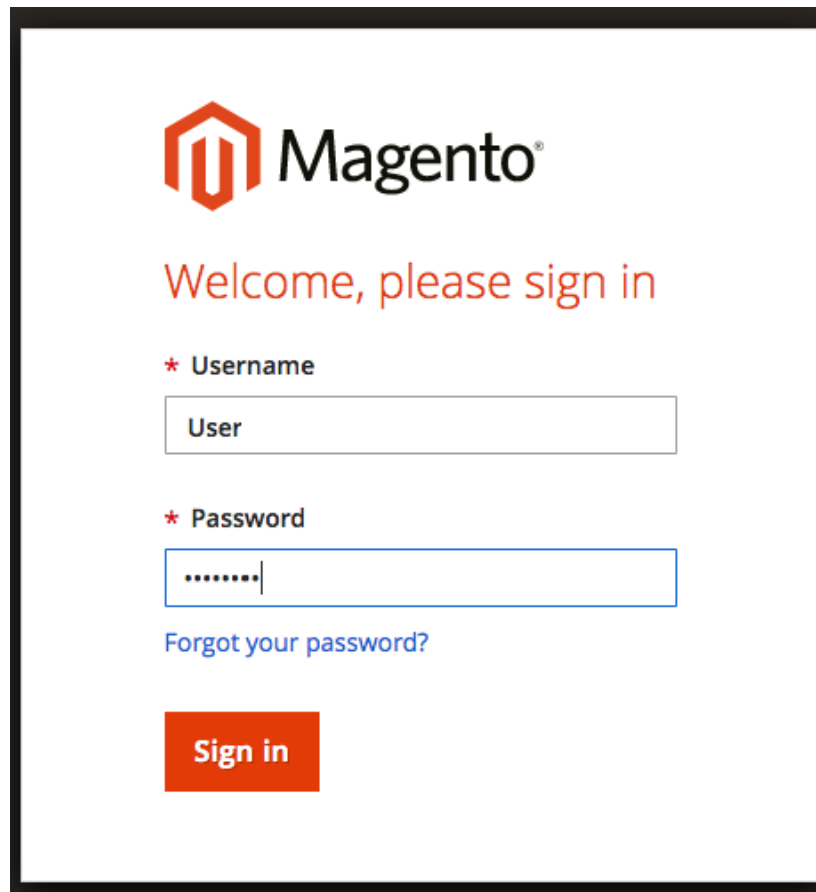
Quick Guide To Add New Attributes, Categories And Products

The purpose of this guide is to ensure the functionality of the new functions that require specific properties and configuration. The order of these steps will save a lot of time if they are followed correctly.

Contents

- i. Adding / Updating Attributes
- ii. 'Group By' Special Settings
- iii. Special Settings for any other Attribute
- iv. Adding a new Category
- v. Adding new Products
- vi. FAQ's

 Browser: http://website_address/admin_user

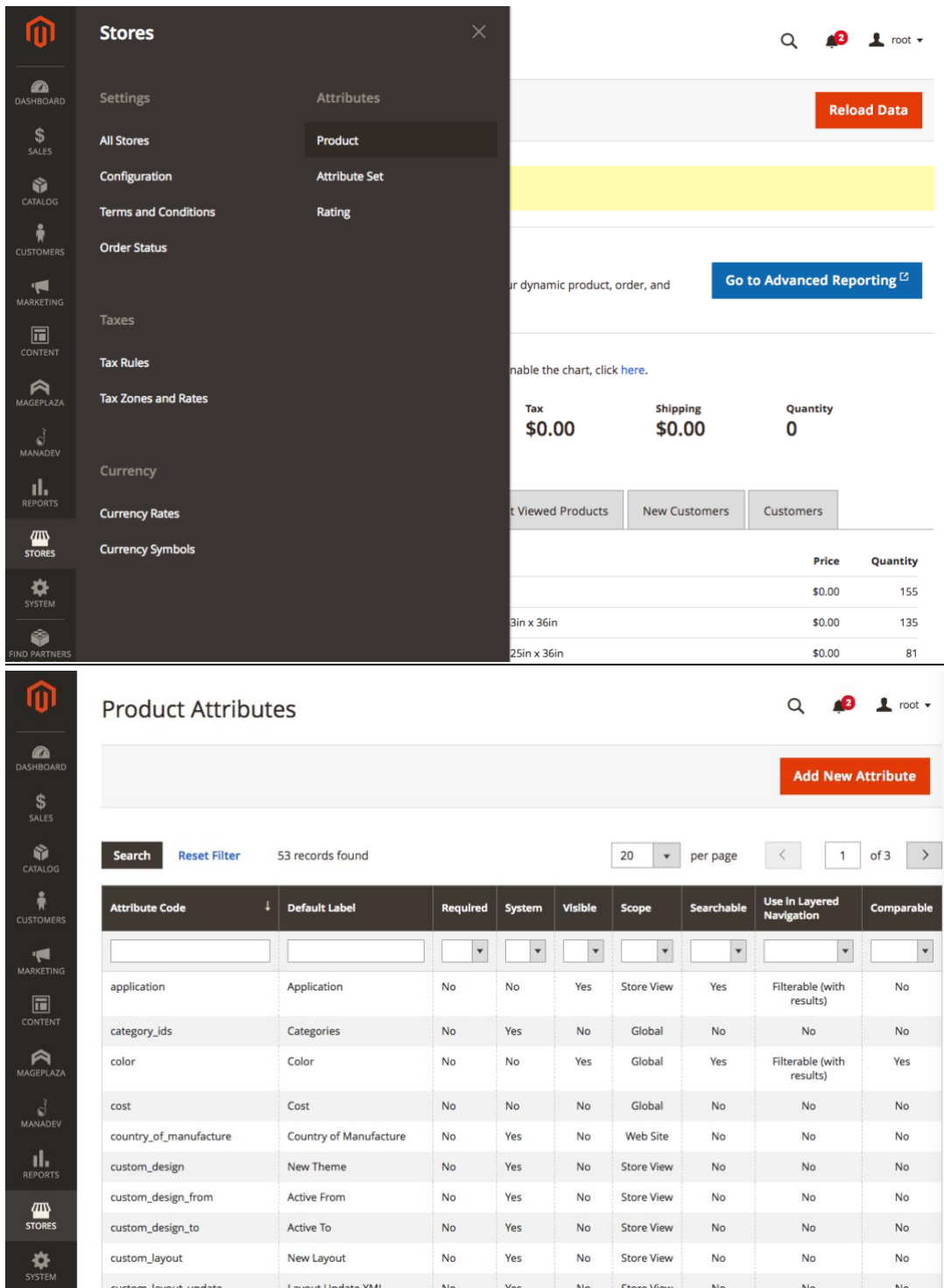


The screenshot shows the Magento login interface. At the top is the Magento logo. Below it, the text 'Welcome, please sign in' is displayed in orange. There are two input fields: one for 'Username' with the placeholder text 'User', and one for 'Password' with masked characters '.....'. A link 'Forgot your password?' is located below the password field. At the bottom is a red 'Sign in' button.

1. Adding / Updating Attributes

Enter username & password

Stores > **Attributes** > **Product** > **Add New Attribute** or select attribute to **edit**

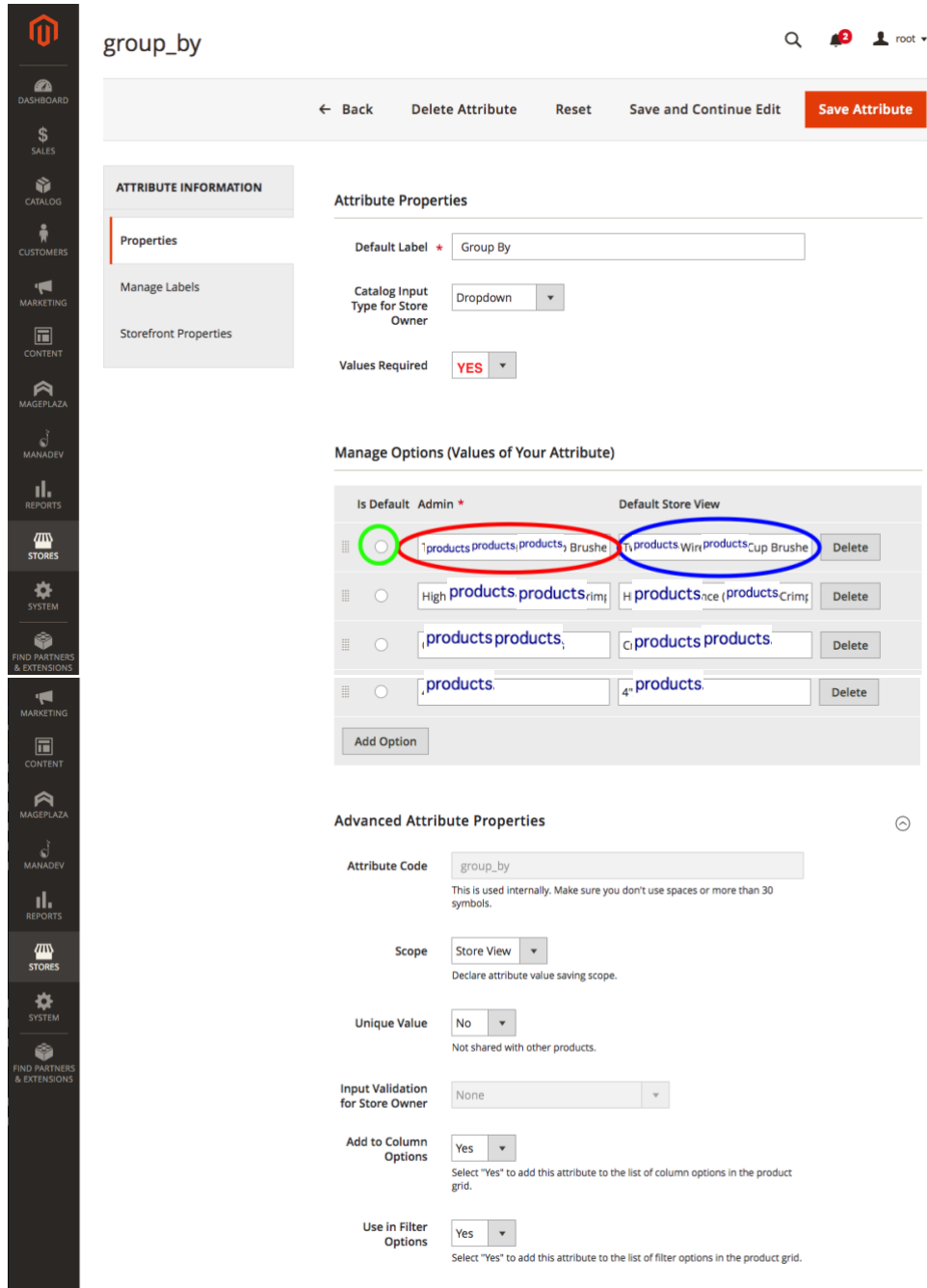


The screenshot displays the Magento 2.2.2 Admin Panel interface. On the left, the 'Stores' sidebar is visible, showing a navigation menu with options like Dashboard, Sales, Catalog, Customers, Marketing, Content, Mageplaza, Manadev, Reports, Stores, System, and Find Partners. The 'Stores' section is expanded, showing a sub-menu with 'Attributes' selected. The main content area shows the 'Product Attributes' page. At the top, there's a 'Reload Data' button. Below it, a 'Go to Advanced Reporting' button is visible. The page displays a table of attributes with columns: Attribute Code, Default Label, Required, System, Visible, Scope, Searchable, Use In Layered Navigation, and Comparable. The table lists various attributes such as 'application', 'category_ids', 'color', 'cost', 'country_of_manufacture', 'custom_design', 'custom_design_from', 'custom_design_to', 'custom_layout', and 'custom_layout_update'. The 'application' attribute is highlighted in yellow. The table also shows a search bar, a 'Reset Filter' button, and a summary of '53 records found'.

Attribute Code	Default Label	Required	System	Visible	Scope	Searchable	Use In Layered Navigation	Comparable
application	Application	No	No	Yes	Store View	Yes	Filterable (with results)	No
category_ids	Categories	No	Yes	No	Global	No	No	No
color	Color	No	No	Yes	Global	Yes	Filterable (with results)	Yes
cost	Cost	No	No	No	Global	No	No	No
country_of_manufacture	Country of Manufacture	No	Yes	No	Web Site	No	No	No
custom_design	New Theme	No	Yes	No	Store View	No	No	No
custom_design_from	Active From	No	Yes	No	Store View	No	No	No
custom_design_to	Active To	No	Yes	No	Store View	No	No	No
custom_layout	New Layout	No	Yes	No	Store View	No	No	No
custom_layout_update	Layout Update VMI	No	Yes	No	Store View	No	No	No

2. 'Group By' Special Settings:

- **Default Store View** is how the client will see the Attribute Title (each word should be **Title Case**).
- **Admin *** is how the option will look when selecting that attribute in backend
Always leave the option "**Is Default**" empty.



group_by

← Back Delete Attribute Reset Save and Continue Edit Save Attribute

ATTRIBUTE INFORMATION

Properties

Manage Labels

Storefront Properties

Attribute Properties

Default Label * Group By

Catalog Input Type for Store Owner Dropdown

Values Required YES

Manage Options (Values of Your Attribute)

Is Default	Admin *	Default Store View	
<input checked="" type="radio"/>	products products, products, Brushe	products Wirt products Cup Brushe	Delete
<input type="radio"/>	High products products rimj	H products ice (products Crimj	Delete
<input type="radio"/>	products products,	G products products.	Delete
<input type="radio"/>	products.	4 products.	Delete

Add Option

Advanced Attribute Properties

Attribute Code group_by

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

Scope Store View

Declare attribute value saving scope.

Unique Value No

Not shared with other products.

Input Validation for Store Owner None


Add to Column Options Yes

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

Use in Filter Options Yes

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

Go to **Manage Labels** and make sure that the first character of each word starts with a capital letter.
Then go to **Storefront Properties** and select the following:



DASHBOARD

SALES

CATALOG

CUSTOMERS

MARKETING

CONTENT

MAGEPLAZA

MANAGEV

REPORTS

STORES

SYSTEM

FIND PARTNERS & EXTENSIONS

group_by

← Back

Delete Attribute

Reset

Save and Continue Edit

Save Attribute

ATTRIBUTE INFORMATION

Properties

Manage Labels

Storefront Properties

Storefront Properties

Use in Search

Yes

Search Weight

1

Visible in Advanced Search

Yes

Comparable on Storefront

No

Use in Layered Navigation

No

Can be used only with catalog input type Dropdown, Multiple Select and Price.

Use in Search Results Layered Navigation

Yes

Can be used only with catalog input type Dropdown, Multiple Select and Price.

Position

0

Position of attribute in layered navigation block.

Use for Promo Rule Conditions

No

Allow HTML Tags on Storefront

Yes

Visible on Catalog Pages on Storefront

Yes

Used in Product Listing

Yes

Depends on design theme.

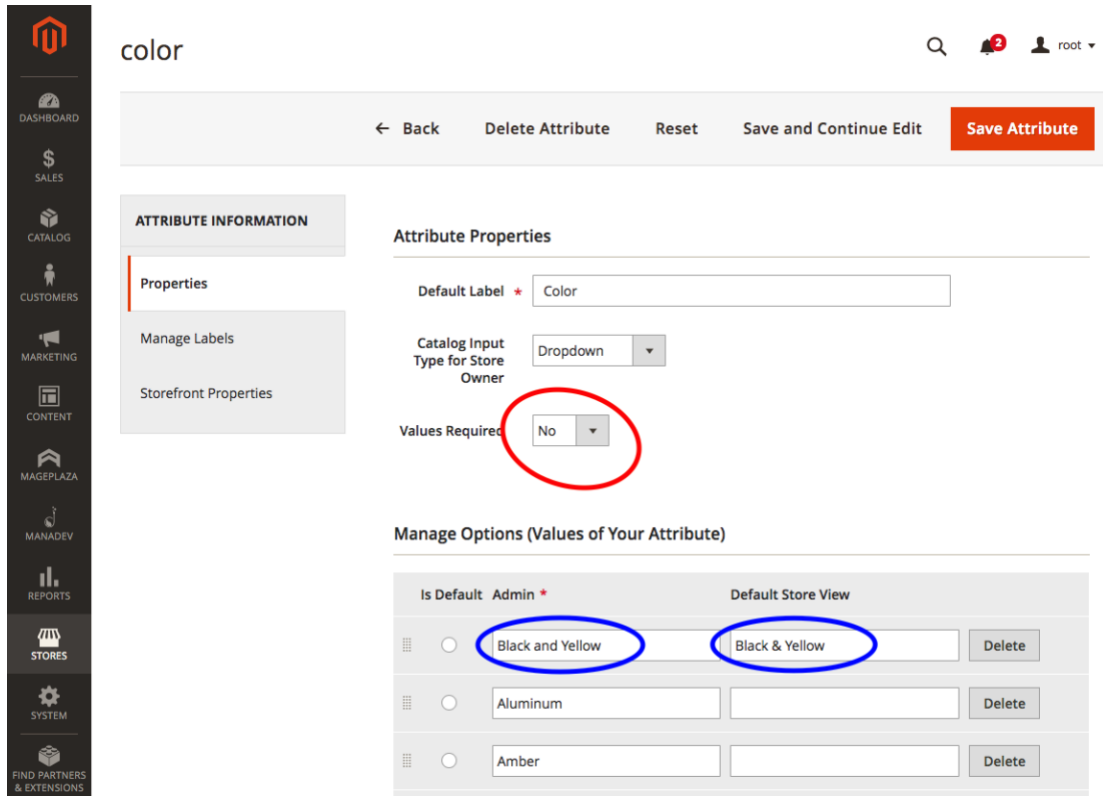
Used for Sorting in Product Listing

No

Depends on design theme.

Make sure everything is according to these settings and click **Save Attribute*

3. Settings for **any other** attribute (color, size, etc.):



color

← Back Delete Attribute Reset Save and Continue Edit Save Attribute

ATTRIBUTE INFORMATION

- Properties
- Manage Labels
- Storefront Properties

Attribute Properties

Default Label * Color

Catalog Input Type for Store Owner Dropdown

Values Required No

Manage Options (Values of Your Attribute)

Is Default	Admin *	Default Store View	
<input checked="" type="radio"/>	<input checked="" type="checkbox"/>	Black and Yellow	Black & Yellow Delete
<input type="radio"/>	<input type="checkbox"/>	Aluminum	Delete
<input type="radio"/>	<input type="checkbox"/>	Amber	Delete

Advanced Attribute Properties

Attribute Code color

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

Scope Global

Declare attribute value saving scope.

Unique Value No

Not shared with other products.

Input Validation for Store Owner None

Add to Column Options Yes

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

Use in Filter Options Yes

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

color

   root

[← Back](#) [Delete Attribute](#) [Reset](#) [Save and Continue Edit](#) [Save Attribute](#)

ATTRIBUTE INFORMATION

[Properties](#)

[Manage Labels](#)


[Storefront Properties](#)

Manage Titles (Size, Color, etc.)



Default Store View

Color

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Magento ver. 2.2.2

[Report an Issue](#)

color

   root

[← Back](#) [Delete Attribute](#) [Reset](#) [Save and Continue Edit](#) [Save Attribute](#)

ATTRIBUTE INFORMATION

[Properties](#)

[Manage Labels](#)

[Storefront Properties](#)

Storefront Properties

Use in Search

Search Weight

Visible in Advanced Search

Comparable on Storefront

Use in Layered Navigation
Can be used only with catalog input type Dropdown, Multiple Select and Price.

Use in Search Results Layered Navigation
Can be used only with catalog input type Dropdown, Multiple Select and Price.

Position
Position of attribute in layered navigation block.

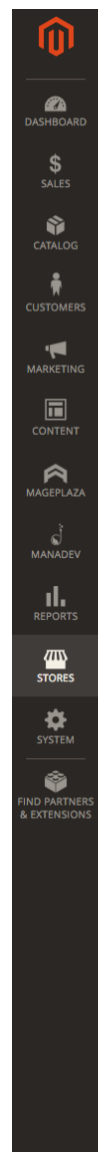
Use for Promo Rule Conditions

Allow HTML Tags on Storefront

Visible on Catalog Pages on Storefront

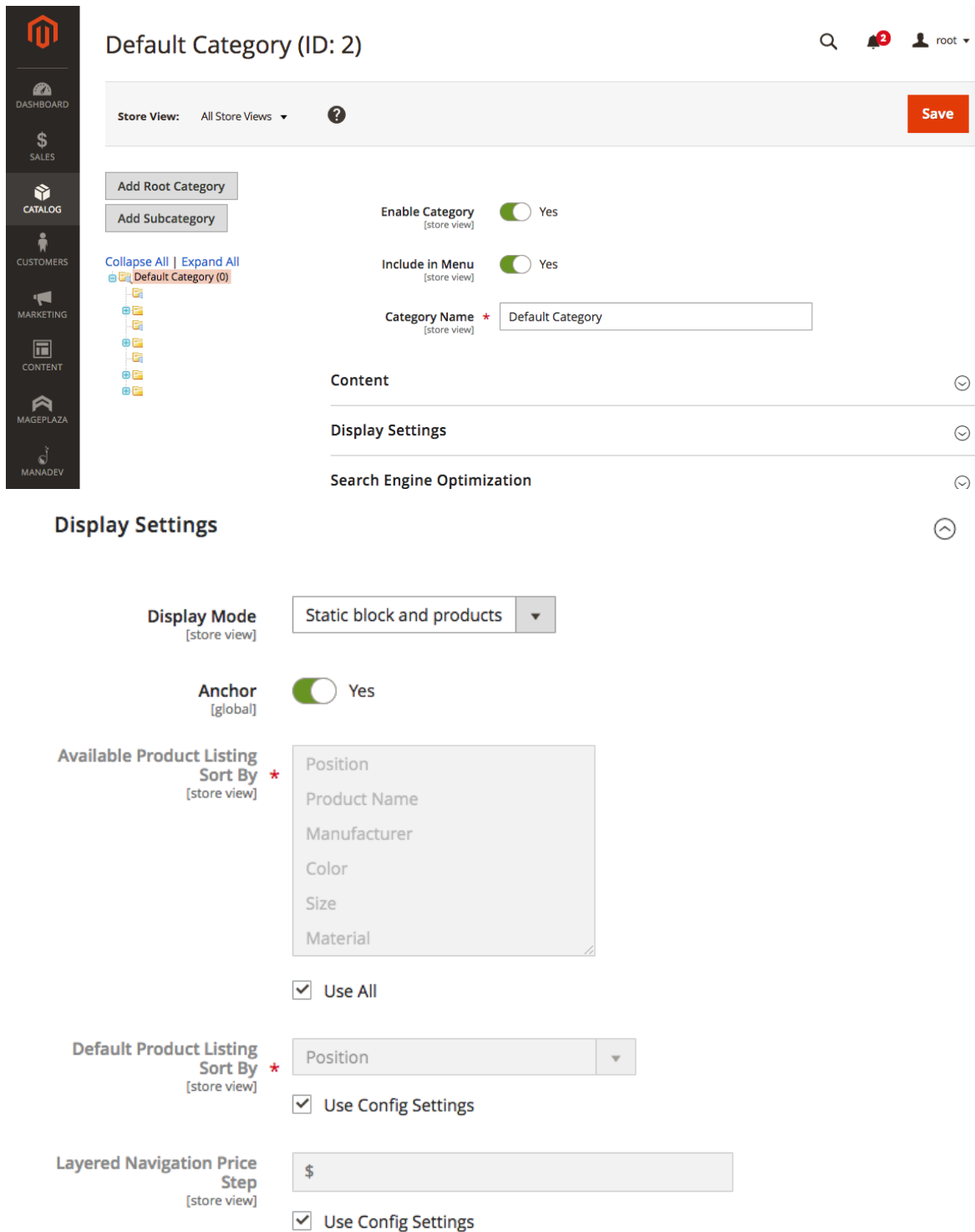
Used in Product Listing
Depends on design theme.

Used for Sorting in Product Listing
Depends on design theme.



4. Adding a new Category:

Catalog > Categories > Add Root Category or Subcategory



The screenshot shows the 'Default Category (ID: 2)' form in the Magento 2.2.2 Backend. The left sidebar contains navigation links: DASHBOARD, SALES, CATALOG, CUSTOMERS, MARKETING, CONTENT, MAGEPLAZA, and MANADEV. The main content area has a 'Store View' dropdown set to 'All Store Views' and a 'Save' button. Below this are two buttons: 'Add Root Category' and 'Add Subcategory'. A tree view on the left shows the category hierarchy, with 'Default Category (0)' selected. The form fields include: 'Enable Category' (toggle, Yes), 'Include in Menu' (toggle, Yes), 'Category Name' (text input, 'Default Category'), 'Content' (dropdown), 'Display Settings' (dropdown), and 'Search Engine Optimization' (dropdown). The 'Display Settings' section is expanded, showing 'Display Mode' (Static block and products), 'Anchor' (toggle, Yes), 'Available Product Listing Sort By' (list of attributes: Position, Product Name, Manufacturer, Color, Size, Material), 'Use All' (checkbox, checked), 'Default Product Listing Sort By' (Position), 'Use Config Settings' (checkbox, checked), and 'Layered Navigation Price Step' (\$), 'Use Config Settings' (checkbox, checked).

Default Category (ID: 2)

Store View: All Store Views

Save

Add Root Category

Add Subcategory

Collapse All | Expand All

Default Category (0)

Enable Category [store view] Yes

Include in Menu [store view] Yes

Category Name * [store view] Default Category

Content

Display Settings

Search Engine Optimization

Display Settings

Display Mode [store view] Static block and products

Anchor [global] Yes

Available Product Listing Sort By * [store view]

Position

Product Name

Manufacturer

Color

Size

Material

Use All

Default Product Listing Sort By * [store view]

Position

Use Config Settings

Layered Navigation Price Step [store view]

\$

Use Config Settings

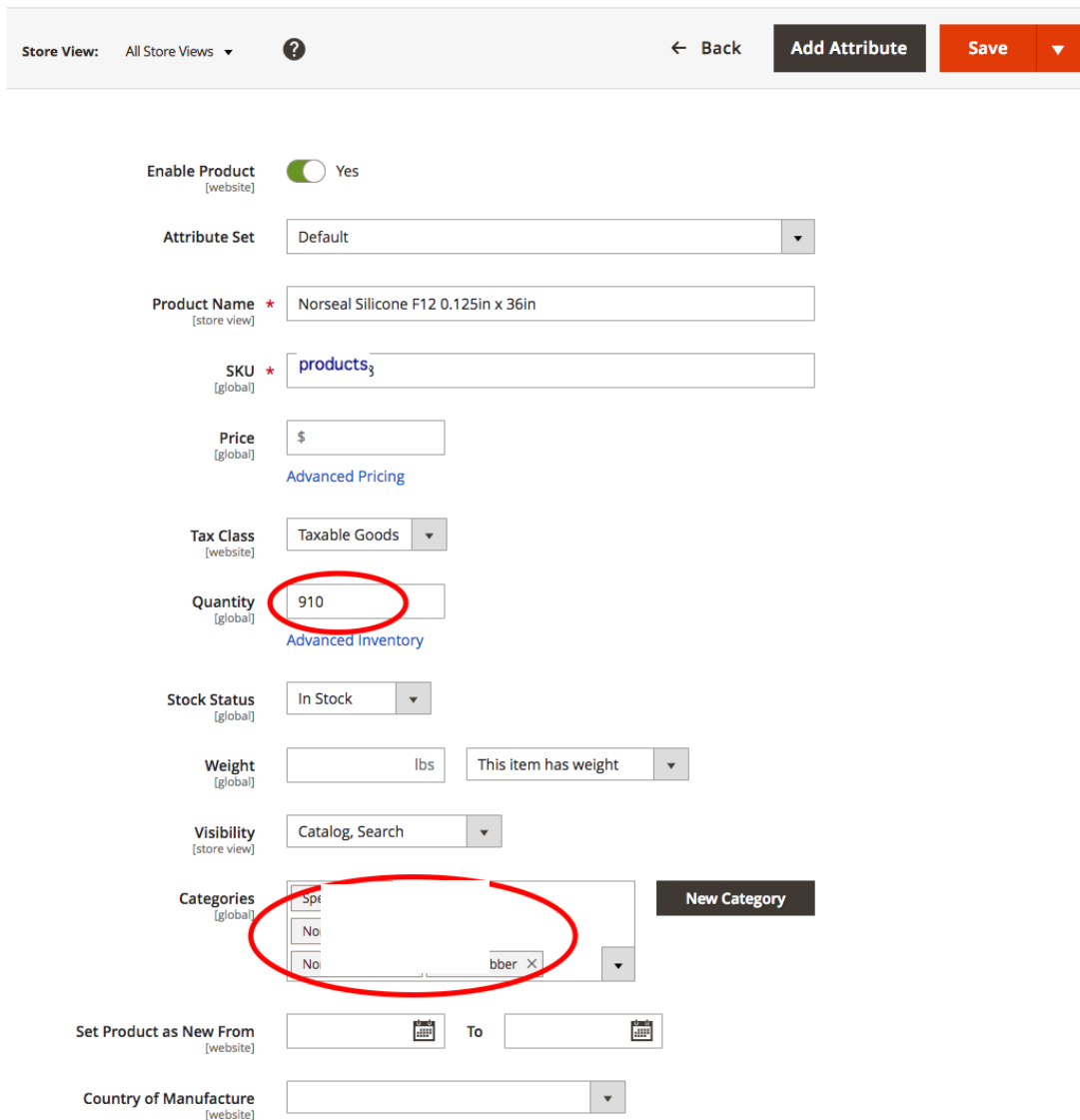
5. Adding new products:

Catalog > Products > Add Product or Select (one or more) to **Delete** or **Update Attributes** (Status must be always **Enabled** unless it is not **In Stock**)

The **Product Name** should include the **category**, **sku** and **attribute** (optional), do not include **Manufacturer** (this will be a new specified attribute, make sure the option for all manufacturers are added on [step 1](#)).

Always set **Quantity** to **1000** or more and select at least the **immediate** category.

If some properties are not specified on this guide, leave them **blank.



Store View: All Store Views ?

← Back Add Attribute Save

Enable Product ☒ Yes [website]

Attribute Set Default

Product Name * Norseal Silicone F12 0.125in x 36in [store view]

SKU * products₃ [global]

Price \$ [global]

Advanced Pricing

Tax Class Taxable Goods [website]

Quantity 910 [global]

Advanced Inventory

Stock Status In Stock [global]

Weight [global] lbs This item has weight

Visibility Catalog, Search [store view]

Categories [global]

New Category

Set Product as New From [calendar] To [calendar] [website]

Country of Manufacture [website]

Including the **SKU** in the name for each product will set a non repeated **URL Key**, this is important to tell Magento that you are adding a different product.

Adding a **Description**.

- **Description** and **Short Description** for each product* are not necessary since there is not any product page for them to be placed. Skip this section when adding products and add a general **Description** in the [Category Description](#) that they belong, right below the category image.

Upload a product **Image**

- Each product should have its own image, even if they are all the same. This will help the filters to display the correct amount of images as the products are being filtered.
- There is no need to upload more than one image per product, all of them will be displayed, so let's keep it limited to one.
- The bigger the image, the better the resolution (700x560px is the recommended size).

Images And Videos



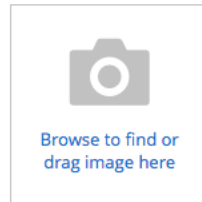
Add Video



700x560 px, 178 KB

Base Small Swatch


Thumbnail



Only select options for its own attributes, leave the rest **blank**. If the attribute is not there, click on **Add Attribute** and add it from your [Attributes list](#).

If the **Attribute** is there, but the option (value) you are looking for **is not**, go to [step 1](#).

Proceed with the information filling.



DASHBOARD

SALES

CATALOG

CUSTOMERS

MARKETING

CONTENT

MAGEPLAZA

MANAGEV

REPORTS

STORES

SYSTEM

FIND PARTNERS & EXTENSIONS

Norseal Silicone F12 0.125in x 36in

[← Back](#)[Add Attribute](#)[Save](#)[▼](#)

Product Reviews

Images And Videos

Search Engine Optimization

Related Products, Up-Sells, and Cross-Sells

Customizable Options

Product in Websites

Design

Schedule Design Update

Gift Options

Attributes

Manufacturer [global] *

Color [global]

Size [store view]

Material [store view]

Group By [store view]

Diameter x Wire Thickness x Mount [store view]

Application [store view]

Max. Rpm. [store view]

Std. Pkg. [store view]

Saint Gobain

White

0.125x36

pvc-foam

Make sure everything is according to these settings and click **Save**.

If the **Category** for that **Product** is not yet created, click on **New Category** but don't forget to add its [Description](#) and [Image](#) (this is important for some programs to work).

FAQ's

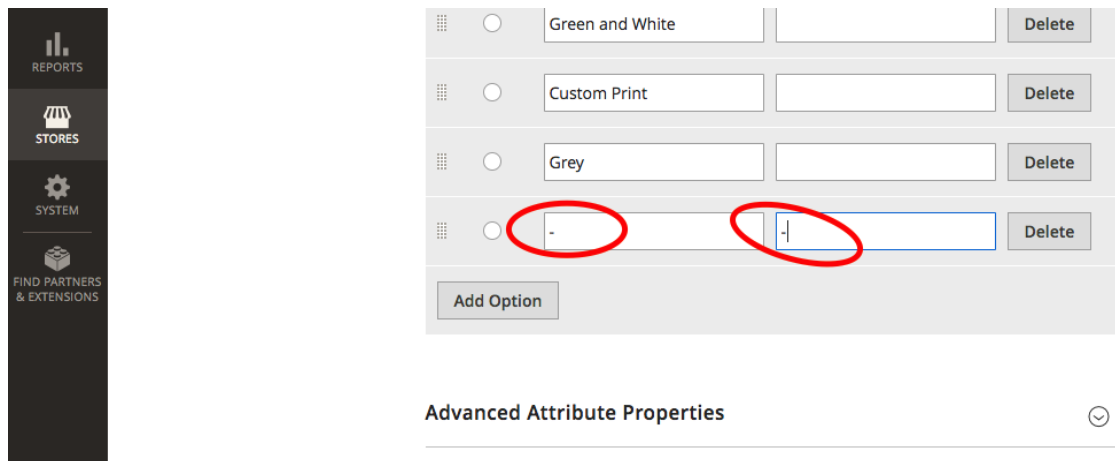
1. What happens if one product of the list does not have any value for certain attributes that the rest of the products have?

Go to **Stores > Attributes > Product** > Select that attribute

Then: **Properties > Add option**

And add a dash '-' so you can select it for that particular product and the table may keep its shape properly.

Don't forget to click **Save Attribute**.



2. What happens if I **forget** to select Required Attributes like "Group By"?

The tables won't be shaped properly because it will take the first option as selected, and it may not be accurate for that specific product, so it is better to have all the options available at the '**Group By**' attribute, before adding products. In case you only need some categories to display the products by separate tables, just set the Required option for that attribute as '**No**' and use it only when necessary.

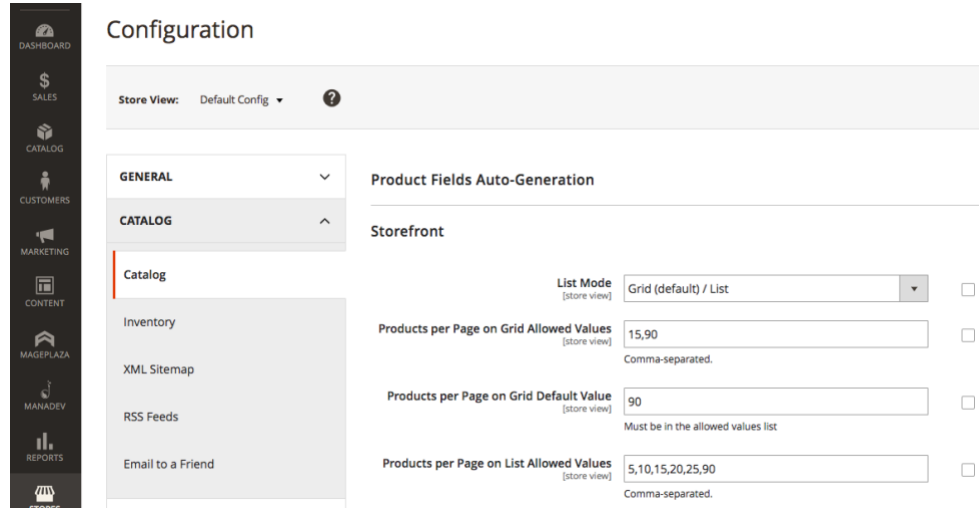
3. What happens if I don't add an image for a product because all the products in the list have the same image?

The fororama (lightslider) will display all the images that it finds no matter what, however when the filters are applied and the list is reduced to products that don't have any images, the slider will disappear and the summary at the checkout won't show any image for that selected product. Please, upload the same image for each product.

4. What happens if only some of the products are displaying at the category page?

Go to **Stores** >
Settings >
Configuration
> Catalog
> Catalog

And verify if the maximum number of products in the category, is lower than the **Products per Page on Grid Default Value**



> **Safe Config**

5. When having troubles with the server, how can I get a full history of terminal commands for debugging?

```
$ HISTTIMEFORMAT="%d/%m/%y %T "  
$ history  
...
```