





# Exact meets Magento

---

## Magento 2 - Update

Ray Bogman

 #EMMNL

[www.exactmeetsmagento.nl](http://www.exactmeetsmagento.nl)

DEALER  DEALER

 = exact

Hey, do you believe  
in Magento 2?

Well, dunno...

I do believe there must  
be "something" out there







**1. What's new?**

**2. Setup needs**

**3. Why should we move?**

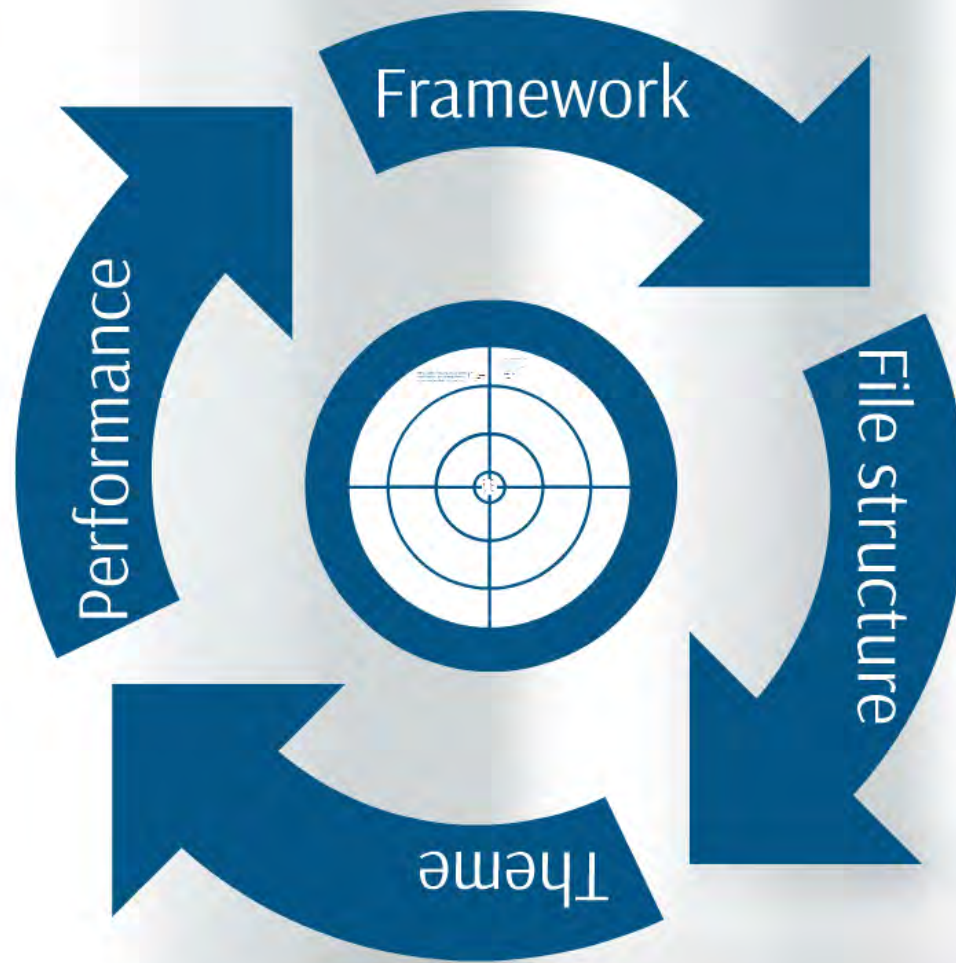
**1. What's new?**

## **2. Setup needs**

**2. Setup needs**

**3. Why should we move?**

# 1. What's new



A blue curved banner with the word "Framework" in white text. The banner is positioned in the upper half of the image, and the text is centered within it. The background is a light gray gradient.

Framework

# File structure

Theme

A blue curved banner with the word "Performance" written in white. The banner is set against a light gray background with a subtle gradient.

Performance

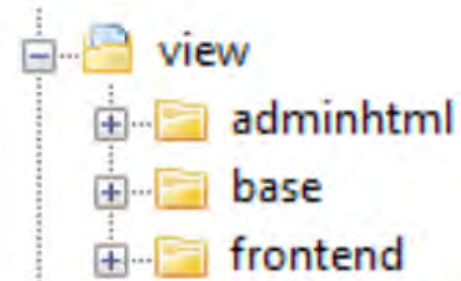
Every module in Magento 2 can have its own adminhtml and frontend directory which is not available in Magento 1.x.

- view
- adminhtml
- base
- frontend

```
.../view/adminhtml/...
.../view/frontend/...
.../base/...
.../adminhtml/...
```



Every module in Magento 2 can have its own adminhtml and frontend directory which is not available in Magento 1.x.



- **Create a theme folder in design folder as the structure below:**

app/design/<area>/venderName>/<newTheme>

Example: /app/design/frontend/Magento/mytheme

- **Declare theme:**




















Create a file called "theme.xml" in your theme folder "mytheme" and declare the following: theme, version, partent theme

```
root@ns6: /var/www/html/app/design/frontend/Magento/luma
!--
/**
 * Copyright © 2015 Magento. All rights reserved.
 * See COPYING.txt for license details.
 */
-->
<theme xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="../../../../../../lib/internal/Ma
gento/Framework/Config/etc/theme.xsd">
  <title>Magento Luma</title>
  <parent>Magento/blank</parent>
  <media>
    <preview_image>media/preview.jpg</preview_image>
  </media>
</theme>
```

















```
<!--  
/**  
 * Copyright © 2015 Magento. All rights reserved.  
 * See COPYING.txt for license details.  
 */  
-->  
<theme xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  
xsi:noNamespaceSchemaLocation="../../../lib/internal/Ma  
gento/Framework/Config/etc/theme.xsd">  
    <title>Magento Luma</title>  
    <parent>Magento/blank</parent>  
    <media>  
        <preview_image>media/preview.jpg</preview_image>  
    </media>  
</theme>
```

## Was in 1.x

-  app
-  downloader
-  errors
-  includes
-  js
-  lib
-  media
-  pkginfo
-  shell
-  skin
-  var
-  apl.php
-  cron.php
-  cron.sh
-  favicon.ico
-  get.php
-  index.php
-  index.php.sample
-  install.php

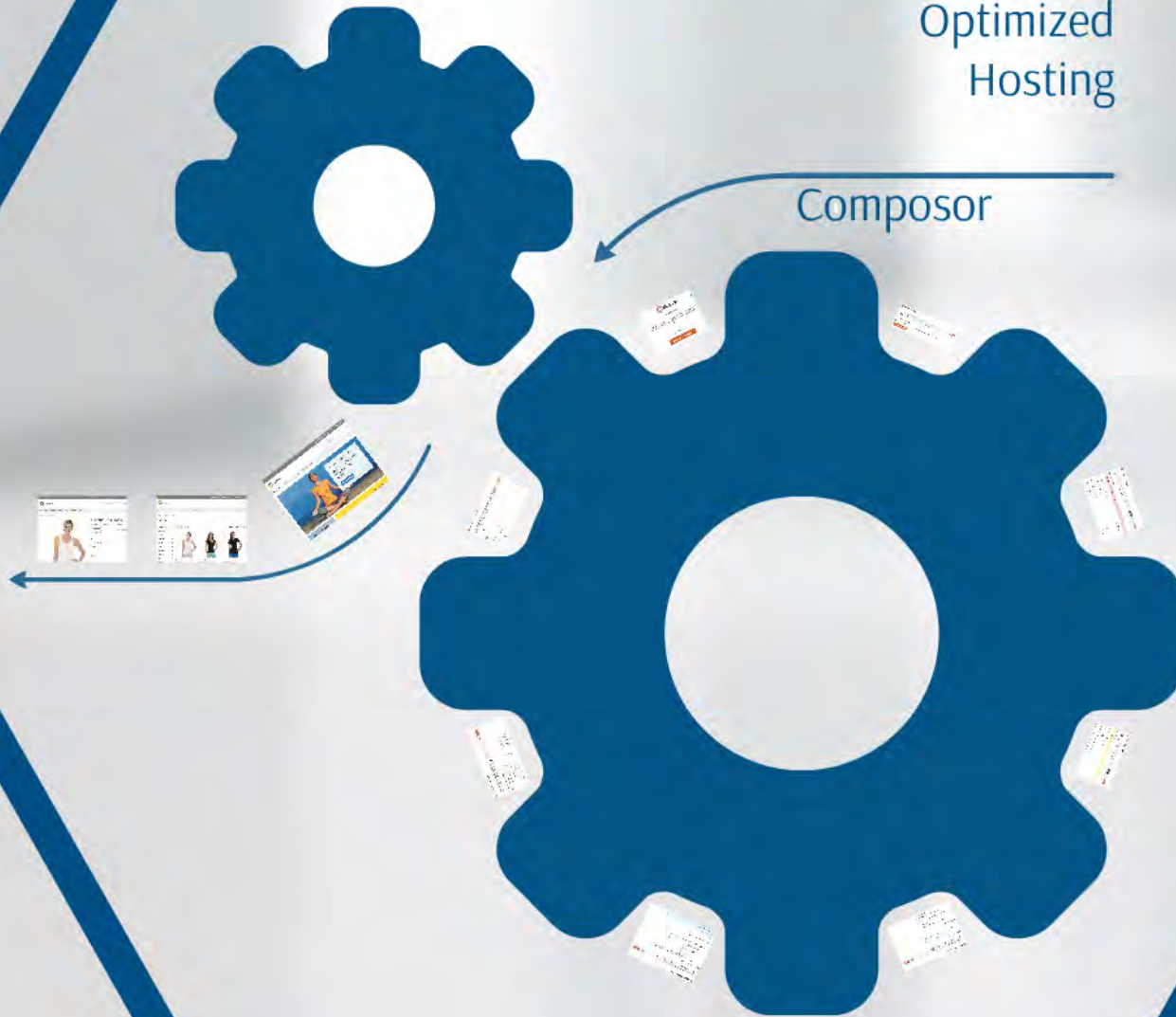
## Is in 2.0

-  app
-  dev
-  downloader
-  lib
-  pub
-  var
-  CHANGELOG.md
-  composer.json
-  CONTRIBUTING.md
-  index.php
-  LICENSE.html
-  LICENSE.txt
-  LICENSE\_AFL.txt
-  php.ini.sample

# 2. Setup needs

Optimized  
Hosting

Composor



# . Setup needs

Optimized  
Hosting

Composer





# Compositor





```
"name": "magento/magento2ce",
"description": "Magento 2 (Community Edition)",
"type": "project",
"minimum-stability": "beta",
"version": "1.0.0-beta",
"license": [
    "OSL-3.0",
    "AFL-3.0"
],
"require": {
    "php": "~5.5.0|~5.6.0",
    "zendframework/zend-stdlib": "2.4.0",
    "zendframework/zend-code": "2.4.0",
    "zendframework/zend-server": "2.4.0",
    "zendframework/zend-soap": "2.4.0",
    "zendframework/zend-uri": "2.4.0",
    "zendframework/zend-validator": "2.4.0",
    "zendframework/zend-console": "2.4.0",
    "zendframework/zend-modulemanager": "2.4.0",
    "zendframework/zend-mvc": "2.4.0",
    "zendframework/zend-text": "2.4.0",
    "zendframework/zend-i18n": "2.4.0",
    "zendframework/zend-eventmanager": "2.4.0",
    "zendframework/zend-view": "2.4.0",
    "zendframework/zend-servicemanager": "2.4.0",
    "zendframework/zend-json": "2.4.0",
    "zendframework/zend-config": "2.4.0",
    "zendframework/zend-form": "2.4.0",
    "zendframework/zend-di": "2.4.0",
    "zendframework/zend-serializer": "2.4.0",
    "zendframework/zend-log": "2.4.0",
    "zendframework/zend-http": "2.4.0",
    "magento/zendframework1": "1.12.13",
    "composer/composer": "1.0.0-alpha10",
    "monolog/monolog": "1.11.0",
    "oyejorge/less.php": "1.7.0.3",
    "pelago/emogrifier": "0.1.1",
    "tubalmartin/cssmin": "2.4.8-p4",
    "magento/magento-composer-installer": "*",
    "braintree/braintree_php": "2.39.0",
    "symfony/console": "~2.3 <2.7",
```

```
root@ns6: /var/www/html (ssh)
```

```
"name": "magento/magento2ce",  
"description": "Magento 2 (Community Edition)",  
"type": "project",  
"minimum-stability": "beta",  
"version": "1.0.0-beta",  
"license": [  
    "OSL-3.0",  
    "AFL-3.0"  
],  
"require": {  
    "nhn": "~5.5.0|~5.6.0"
```



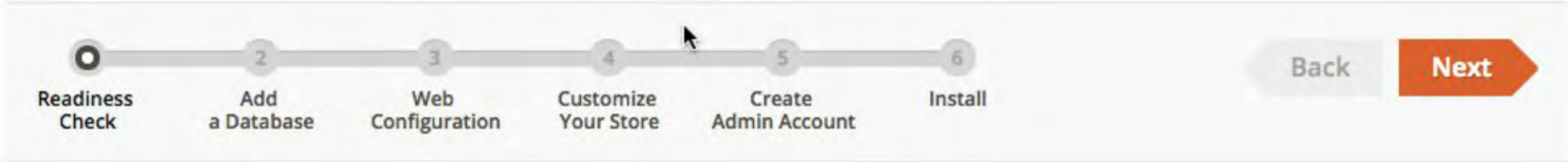
Version 1.0.0-beta

Welcome to Magento Admin, your online store headquarters. Click 'Agree and Set Up Magento' or read [Getting Started](#) to learn more.

[Terms & Agreement](#)

[Agree and Setup Magento](#)

# Magento Installation



## Step 1: Readiness Check

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

[Start Readiness Check](#)

# Magento Installation



Try Again

Back

Next

## Step 1: Readiness Check

**✘ Completed!** You need to resolve these issues to continue.

**✘ PHP Version Check**  
Server failed to respond. Please try again.

Need Help?  
[PHP Documentation](#)

**✘ PHP Settings Check**  
Server failed to respond. Please try again.

**✘ PHP Extensions Check**  
Server failed to respond. Please try again.

Need Help?  
[PHP Extension Help](#)

**✘ File Permission Check**  
Server failed to respond. Please try again.

Need Help?  
[File Permission Help](#)

# Magento Installation



Try Again

Back

Next

## Step 1: Readiness Check

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



### PHP Version Check

Your PHP version is correct (5.5.28-1+deb.sury.org~precise+1).



### PHP Settings Check

Your PHP settings are correct.



### PHP Extensions Check

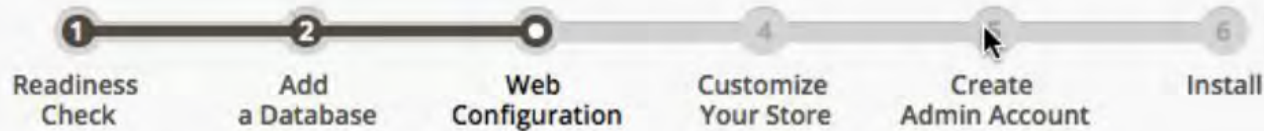
You meet 12 out of 12 PHP extensions requirements. [Show detail](#)



### File Permission Check

You meet 4 out of 4 writable file permission requirements. [Show detail](#)

# Magento Installation



Back **Next**

## Step 3: Web Configuration

Your Store Address

Magento Admin Address \* http://ray.hypernode.io/

### Advanced Options

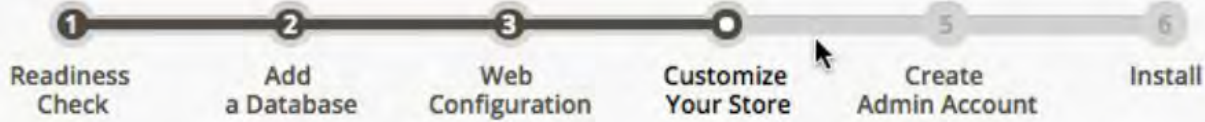
HTTPS Options  Use HTTPS for Magento Storefront

Use HTTPS for Magento Admin

Apache Rewrites  Use Web Server Apache Rewrites

Encryption Key \*  I want to use a Magento generated key

I want to use my own encryption key



Back

Next

## Step 4: Customize Your Store

**Sample Data**   Select "Use Sample Data" to create a sample store with sample products, customers, and payment settings. Our [Guide to Using Sample Data](#) can help you get started.

Use Sample Data

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 Installation



Back

Next

## Step 5: Create Admin Account

Create a new Admin account to manage your store.

New Username \*

admin

New Email \*

ray@supportdesk.nu

New Password \*

.....

Confirm Password \*

.....

Password Strength: Fair



Enter a mix of 6 or more numbers and letters. For a stronger password, include at least one small letter, big letter, and symbol (Ex: BuyIt\$54).

# Magento Installation



## Step 6: Install

Installing... 3%



### Console Log

```
Starting Magento installation:  
File permissions check...  
  
Enabling Maintenance Mode...  
  
Installing deployment configuration...  
  
Installing database schema:  
Schema creation/updates:  
Module 'Magento_Store':
```



# Success

Please keep this information for your records:

## Magento Admin Info:

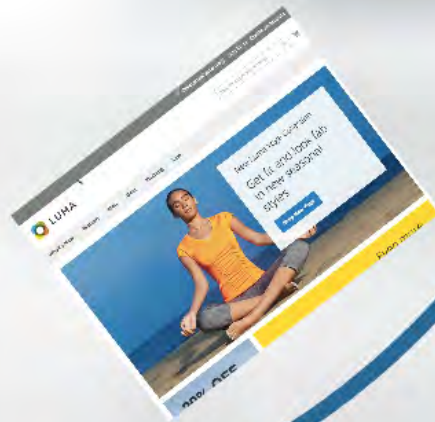
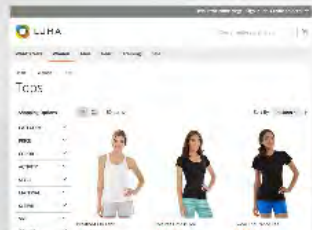
Username: admin  
Email: ray@jira.nl  
Password: \*\*\*\*\*  
Your Store Address: <http://ns6.jira.nl/>  
Magento Admin Address: <http://ns6.jira.nl/admin/>  
Encryption Key: b0ac733d5bd0e72144438e89b6b281d3

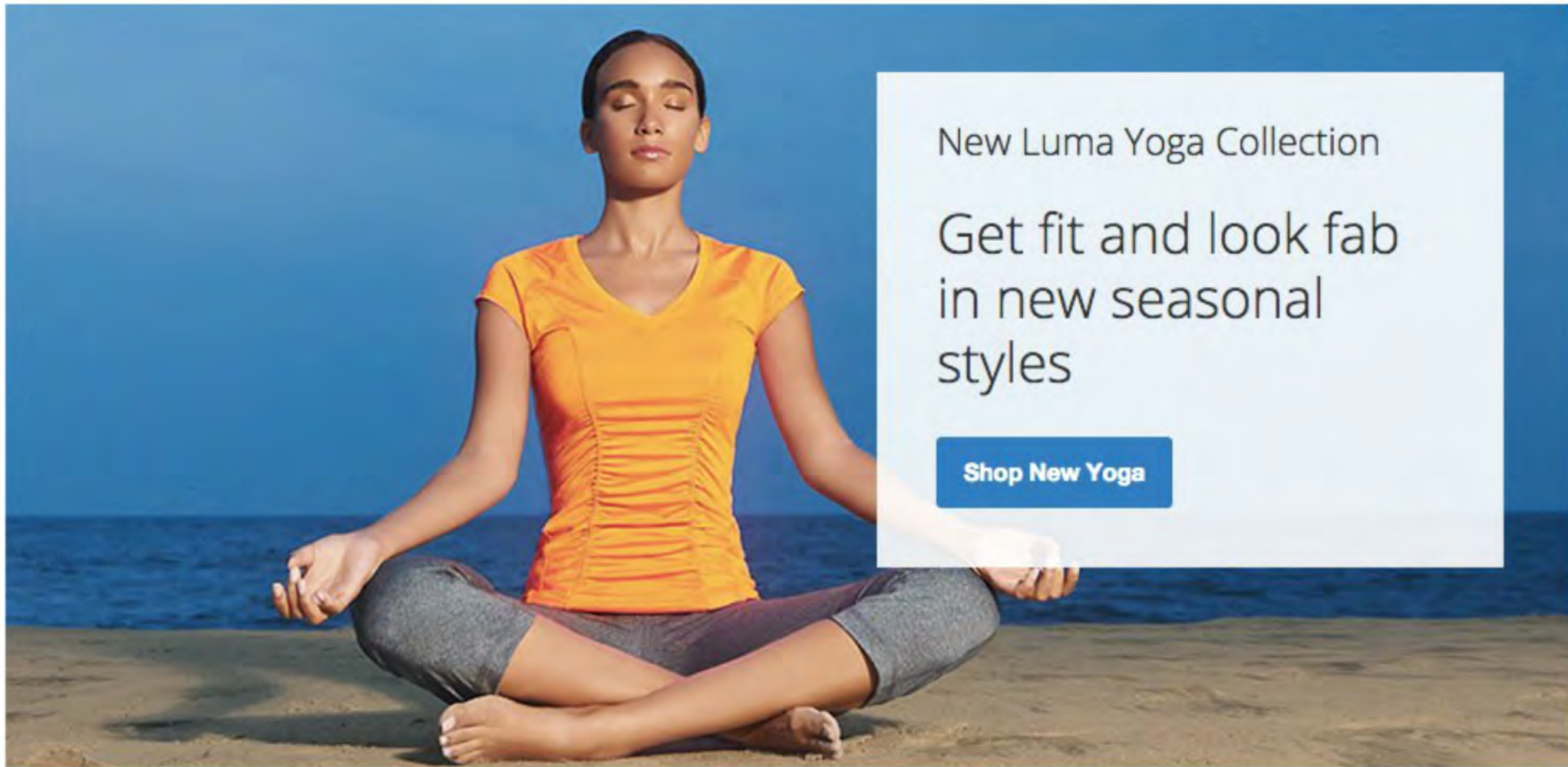
## Database Info:

Database Name: bogma001\_mage2b  
Username: root  
Password: \*\*\*\*\*

For security, remove write permissions from these directories: '/var/www/magento2-1.0.0-beta/app/etc'

[Launch Magento Admin](#)





New Luma Yoga Collection

Get fit and look fab  
in new seasonal  
styles

[Shop New Yoga](#)

20% OFF

Even more

# Tops

## Shopping Options




50 items

Sort By

Position



CATEGORY 


PRICE 

COLOR 

ACTIVITY 

STYLE 

MATERIAL 

SLEEVE 

SIZE 

COLLAR 



Breathe-Easy Tank



Desiree Fitness Tee



Gwyn Endurance Tee





Search entire store here...



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

[Home](#) > [Breathe-Easy Tank](#)



# Breathe-Easy Tank



2 Reviews

[Add Your Review](#)

**\$29.00**

was \$34.00

**IN STOCK**

SKU#: WT09

**Size \***

Choose an Option...



**Color \***

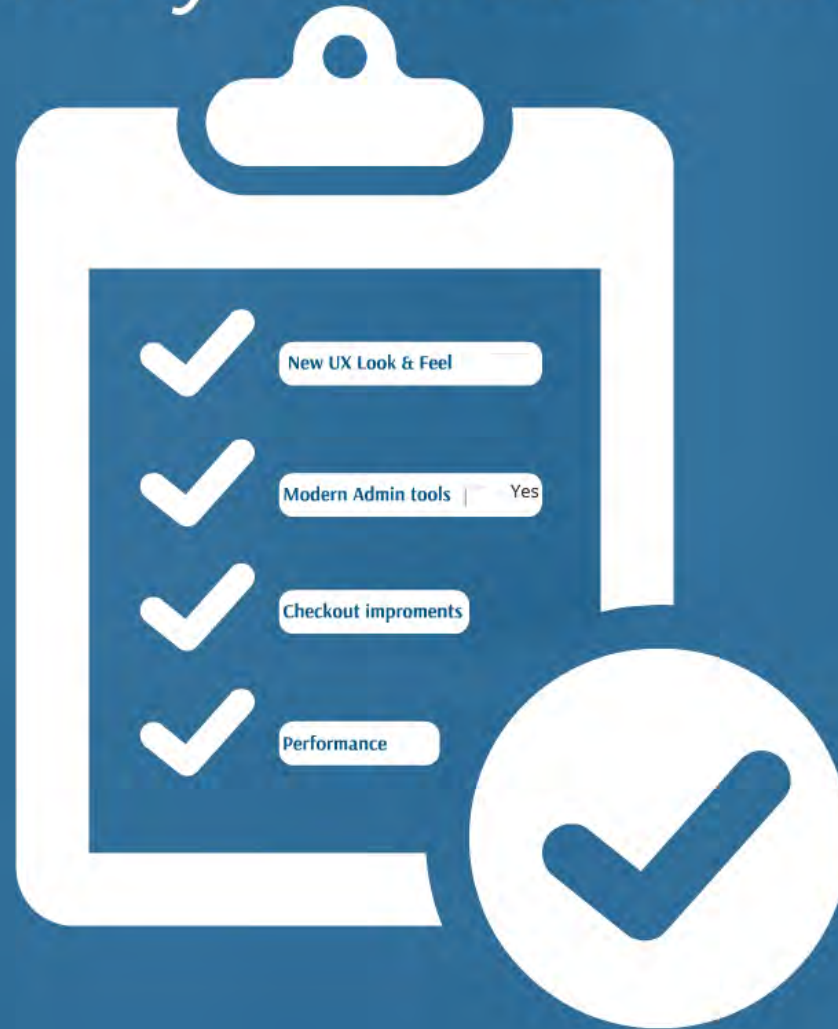
Choose an Option...



**Qty**

1

# 3. Why Should we?





**New UX Look & Feel**



**Modern Admin tools**



**Checkout improvements**



**Performance**





Store View: All Store Views ?

Reload Data

### Lifetime Sales

**\$29.00**

### Average Order

**\$14.50**

### Last Orders

Customer	Items	Total
Veronica Costello	2	\$60.62
Veronica Costello	1	\$36.39

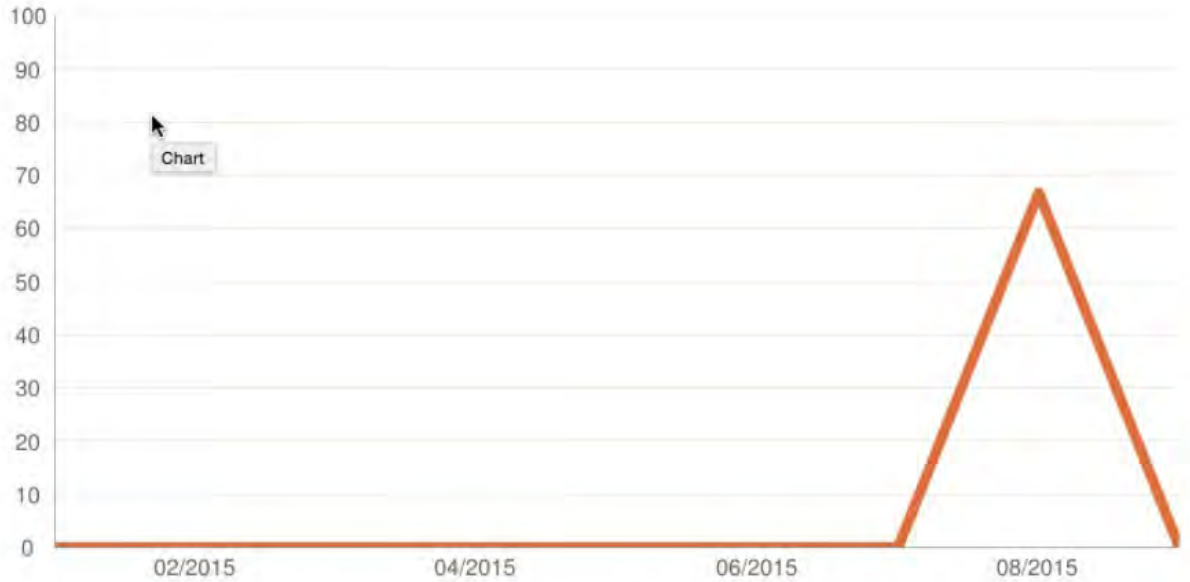
### Last Search Terms

Search Term	Results	Uses
MEN'S TANKS	3	27
ON THE RUN	40	4
Style Vitals	31	1
MEN'S PANTS	15	17
Active Short	42	1

Orders

Amounts

YTD



02/2015

04/2015

06/2015

08/2015

Revenue **\$29.00**

Tax **\$2.39**

Shipping **\$5.00**

Quantity **2**



# Catalog

Actions ▾ 2048 records found

Filters 25 mini Columns ▾

ID	Thumbnail	Name	SKU	Price	Status
1		Joust Duffle Bag	24-MB01	\$34.00	Enabled
2		Strive Shoulder Pack	24-MB04	\$19.00	Featured
3		Crown Summit Backpack	24-MB03	\$38.00	Enabled

Add Product ▾



Actions ▾ 2048 records found

ID	Thumbnail	Name	Type	Attribute Set	SKU
1		Joust Duffle Bag	Simple Product	Bag	24-MB01
2		Strive Shoulder Pack	Simple Product	Bag	24-MB04
3		Crown Summit Backpack	Simple Product	Bag	24-MB03
4		Wayfarer Messenger Bag	Simple Product	Bag	24-MB05
5		Rival Field Messenger	Simple Product	Bag	24-MB06
6		Fusion Backpack	Simple Product	Bag	24-MB02

12 out of 35 visible

<input checked="" type="checkbox"/> ID	<input checked="" type="checkbox"/> Thumbnail	<input checked="" type="checkbox"/> Name
<input checked="" type="checkbox"/> Type	<input checked="" type="checkbox"/> Attribute Set	<input checked="" type="checkbox"/> SKU
<input checked="" type="checkbox"/> Price	<input checked="" type="checkbox"/> Visibility	<input checked="" type="checkbox"/> Status
<input checked="" type="checkbox"/> Websites	<input checked="" type="checkbox"/> Action	<input checked="" type="checkbox"/> Quantity
<input type="checkbox"/> Color	<input type="checkbox"/> Cost	<input type="checkbox"/> Country of Manuf...
<input type="checkbox"/> Custom Design	<input type="checkbox"/> Active From	<input type="checkbox"/> Active To
<input type="checkbox"/> Allow Gift Message	<input type="checkbox"/> Group Price	<input type="checkbox"/> Manufacturer

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

DASHBOARD

SALES

PRODUCTS

CUSTOMERS

MARKETING

CONTENT

REPORTS

STORES

SYSTEM

Actions ▾

2048 records found

Filters ▾

20 ▾ per page

👁️ mini ▲

⚙️ Columns ▾

Default View

ray



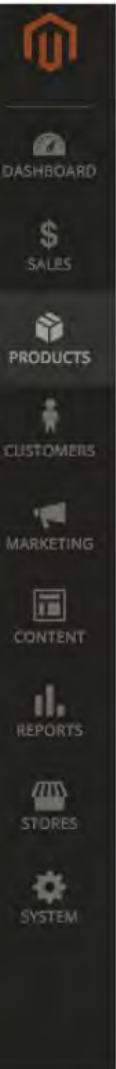
mini



[Save Current View](#)

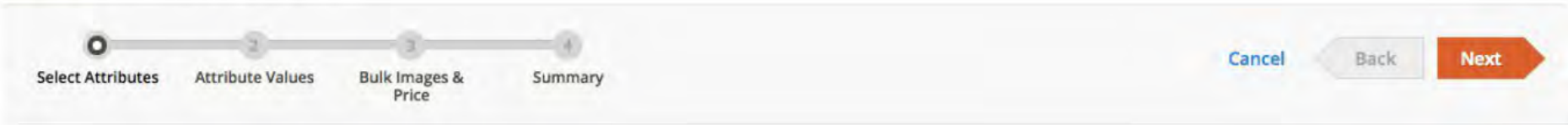
<input type="checkbox"/>	ID	Thumbnail	Name	SKU	Price	Status
<input type="checkbox"/>	1		Joust Duffle Bag	24-MB01	\$34.00	Enabled
<input type="checkbox"/>	2		Strive Shoulder Pack	24-MB04	\$32.00	Enabled
<input type="checkbox"/>	3		Crown Summit Backpack	24-MB03	\$38.00	Enabled

2048 records found



New

# Create Product Configurations



Create New Attribute

## Step 1: Select Attributes

Selected Attributes:  
-

20 per page
 
 of 1

6 records found

<input type="checkbox"/>	Use In Layered Navigation	Attribute Code	Attribute Label ↓	Required	System	Visible	Scope	Searchable	Comparable
<input checked="" type="checkbox"/>	Filterable (with results)	color	Color	No	Yes	Yes	Global	No	No
<input type="checkbox"/>	Filterable (with results)	format	Format	No	Yes	Yes	Global	No	No
<input type="checkbox"/>	Filterable (with results)	size_general	Size	No	Yes	Yes	Global	No	No
<input type="checkbox"/>	Filterable (with results)	size_ball	Size Ball	No	Yes	Yes	Global	No	No
<input type="checkbox"/>	Filterable (with results)	size_pants	Size Pants	No	Yes	Yes	Global	No	No
<input type="checkbox"/>	Filterable (with results)	size_strap	Size Strap	No	Yes	Yes	Global	No	No



[Sign In](#)



## Shipping Address

Email Address \*



*This is a required field.*

You can create an account after checkout.

First Name \*

Last Name \*

## Order Summary

Cart Subtotal	\$42.00
Shipping	<i>Not yet calculated</i>
Tax	<i>Not yet calculated</i>

1 Items in Cart

# Web Page Performance Test for

[ns6.jira.nl/](http://ns6.jira.nl/)

From: Ruijterkade [Amsterdam - UPC 60/6] - Chrome - Native  
9/3/2015, 4:48:38 PM





Catalog



Checkout



Backend



$\pm 50\%$

End-to-end

# Scalability

200K views  
10M (varnish)

50K (ce)  
90K+ (ee)

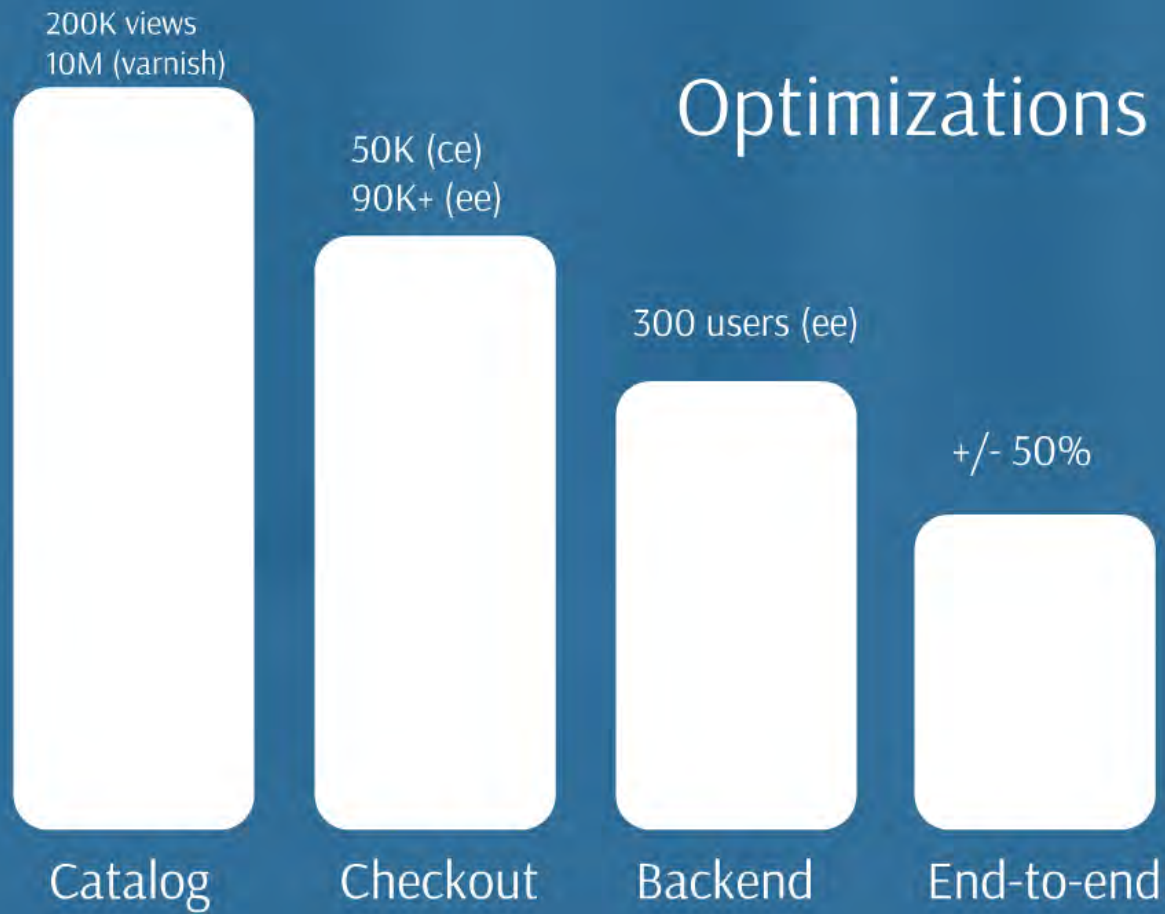
300 users (ee)

+/- 50%

# Optimizations



# Optimizations



# Scalability

# Magento Connect



Q3 2015 Developer Release

Q4 2015  
Merchant Release



Q3 2015 Developer Release

Q4 2015  
Merchant Release



# Q4 2015



# Creative Contributions by:



## Ray Bogman

- Magento/Joomla/OroCRM evangelist
- Trainer
- Performance nerd
- Security geek
- SEO freak

@raybogman  
@supportdesknu



**SupportDesk**  
Support voor Magento en Joomla!

- ✓ Performance optimalisatie
- ✓ Theming, templating
- ✓ Maatwerk training
- ✓ SEO, SEM, SEA
- ✓ Consultancy
- ✓ Load testing
- ✓ Upgrade
- ✓ Migratie
- ✓ Security
- ✓ Hosting
- ✓ Mobile
- ✓ APK

Magento Joomla!

Meer weten? [www.supportdesk.nu](http://www.supportdesk.nu) Of bel 020-337 5961

<https://www.linkedin.com/in/raybogman>