

AUTOMATICALLY DEPLOYING



WITHOUT LOSING SLEEP

IKE DEVOLDER



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STUDIO EMMA



@studioemma

Magento Silver Solution Partner

Pimcore Gold Solution Partner

TOPICS

- our way of hosting
- tools used
- the setup
- the flow

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ROOT

```
root 664 0.0 0.0 0 0 7 5 09:12 0:00 [nfsd]
root 665 0.0 0.0 0 0 7 5 09:12 0:00 [nfsd]
root 666 0.0 0.0 0 0 7 5 09:12 0:00 [nfsd]
root 667 0.0 0.0 0 0 7 5 09:12 0:00 [nfsd]
root 677 1.6 0.7 421800 117924 tty1 Ssl+ 09:12 5:15 /usr/lib/xorg-server/Xorg -nolisten tcp -auth /var/run/sddm/{d6743b0f-d3dc-44ff-8105-3aff300250aa}-background none -noreset -displayfd 10 vt1
root 704 0.0 0.0 504764 10092 ? Ssl 09:12 0:00 /usr/lib/udisks2/udisksd
polkitd 711 0.0 0.1 534804 18688 ? Ssl 09:12 0:02 /usr/lib/polkit-1/polkitd --no-debug
root 722 0.0 0.0 309576 9128 ? Ssl 09:12 0:05 /usr/lib/upower/upowerd
root 753 0.0 0.0 39832 7488 ? Ss 09:12 0:00 /usr/bin/wpa_supplicant -u
root 939 0.0 0.1 1215704 21076 ? Ssl 09:12 0:01 /usr/bin/docker run --name developer-dns -v /etc/dnsmasq-resolv.conf:/etc/r
esolv.conf:ro -v /var/run/docker.sock:/var/run/docker.sock -p 127.0.0.1:53:53/udp -p 127.0.0.1:53:53 blackhole/google/developer-dns
root 960 0.0 0.0 278400 4000 ? Sl 09:12 0:00 /usr/sbin/docker-proxy -proto tcp -host-ip 127.0.0.1 -host-port 53 -contain
er-ip 172.17.0.2 -container-port 53
root 981 0.0 0.0 706492 12504 ? Sl 09:12 0:03 /usr/sbin/docker-proxy -proto udp -host-ip 127.0.0.1 -host-port 53 -contain
er-ip 172.17.0.2 -container-port 53
root 988 0.0 0.0 675772 4872 ? Sl 09:12 0:00 docker-containerd-shim c7ec460b36a7f0311095cff521605a13a0021e04c1190e3a09a5
9d342adac547 /var/run/docker/libcontainerd/c7ec460b36a7f0311095cff521605a13a0021e04c1190e3a09a59d342adac547 docker-runc
root 1007 0.0 0.1 80932 16020 ? Ss 09:12 0:05 /usr/bin/python2 /usr/bin/supervisord -c supervisord.conf
root 1058 0.0 0.0 1532 4 ? S 09:12 0:00 /bin/sh /usr/local/bin/watchresolv
root 1059 0.2 0.0 16924 6460 ? Sl 09:12 0:50 /usr/bin/docker-gon -watch -only-exposed -notify killall -9 dnsmasq /work/d
nsmasq.tmpl /etc/dnsmasq.d/generated.conf
root 1089 0.0 0.0 109444 14400 ? Sl 09:12 0:00 /usr/lib/sddm/sddm-helper --socket /tmp/sddm-auth420a0d20-633d-459b-a1d3-f4
c43cep4421 --id 1 --start /usr/bin/startkde --user ike
ike 1090 0.0 0.0 82776 7004 ? Ss 09:12 0:00 /usr/lib/systemd/systemd --user
ike 1091 0.0 0.0 133596 2200 ? S 09:12 0:00 (sd-pam)
ike 1097 0.3 0.0 2200604 14300 ? Ssl 09:12 1:16 /usr/bin/pulseaudio --daemonize=no
ike 1099 0.0 0.0 13472 300 ? Ss 09:12 0:00 /usr/bin/ssh-agent -a /run/user/1000/ssh-agent.socket
rtkit 1100 0.0 0.0 181148 2916 ? Ssl 09:12 0:00 /usr/lib/rtkit/rtkit-daemon
ike 1103 0.0 0.0 43460 8404 ? Ss 09:12 0:05 /usr/bin/dbus-daemon --session --address=systemd: --nofork --nopidfile --sy
stmond-activation
ike 1106 0.0 0.0 83140 3600 ? S 09:12 0:00 /usr/lib/pulse/gconf-helper
ike 1180 0.0 0.0 69000 5136 ? S 09:12 0:00 /usr/lib/GConf/gconfd-2
ike 1110 0.0 0.2 544160 30960 ? Sl 09:12 0:02 /usr/bin/kwalletd5 --pam-login 15 10
ike 1111 0.0 0.0 13016 3432 ? S 09:12 0:00 /bin/sh /usr/bin/startkde
ike 1148 0.0 0.0 6216 84 ? S 09:12 0:00 /usr/lib/kf5/start_kdeinit --kded +kcmint_startup
ike 1141 0.0 0.1 208044 20136 ? Ss 09:12 0:00 kdeinit5: Running...
ike 1142 0.0 0.2 512116 35036 ? Sl 09:12 0:02 /usr/lib/kf5/klauncher --fd=0
ike 1145 0.0 0.3 1679276 64100 ? Sl 09:12 0:10 kded5 [kdeinit5]
ike 1155 0.0 0.2 544900 35460 ? Sl 09:12 0:02 /usr/bin/kaccess
ike 1150 0.0 0.0 87628 7536 ? S 09:12 0:00 kwrapper5 /usr/bin/kmserver
ike 1161 0.0 0.2 633952 44444 ? Sl 09:12 0:04 /usr/bin/kmserver
```

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Bamboo

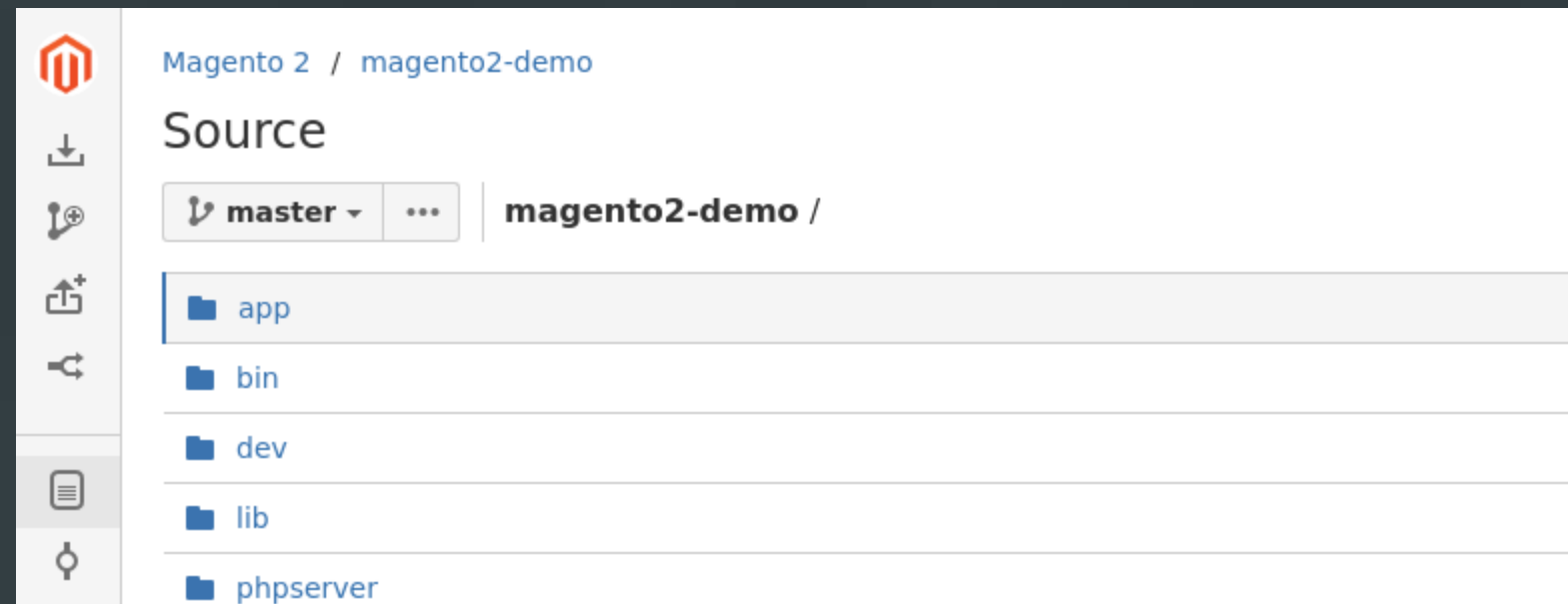
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ADD BUILD FILES TO PROJECT

```
6 files changed, 704 insertions(+)  
create mode 100644 build.exclude  
create mode 100644 build.xml  
create mode 100644 deploy.sh  
create mode 100644 package.properties  
create mode 100644 project.properties  
create mode 100755 static-content.sh
```

PUSH TO A REPO



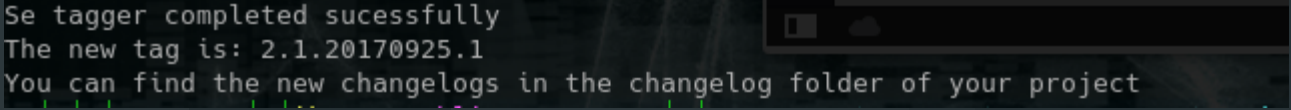
CREATE UNITTEST PLAN

Project	Plan	Build	
▼ Magento 2	ce-demo-unittest	⌚ Never built	
	enterprise	🟢 #12	

CREATE PACKAGE PLAN

Project	Plan	Build	Completed	Tests
▼ Magento 2	ce-demo-package	❗ #1	3 minutes ago	No test
	ce-demo-unittest	✅ #1	12 minutes ago	18038

CREATE TAG AND SEE IT BUILD

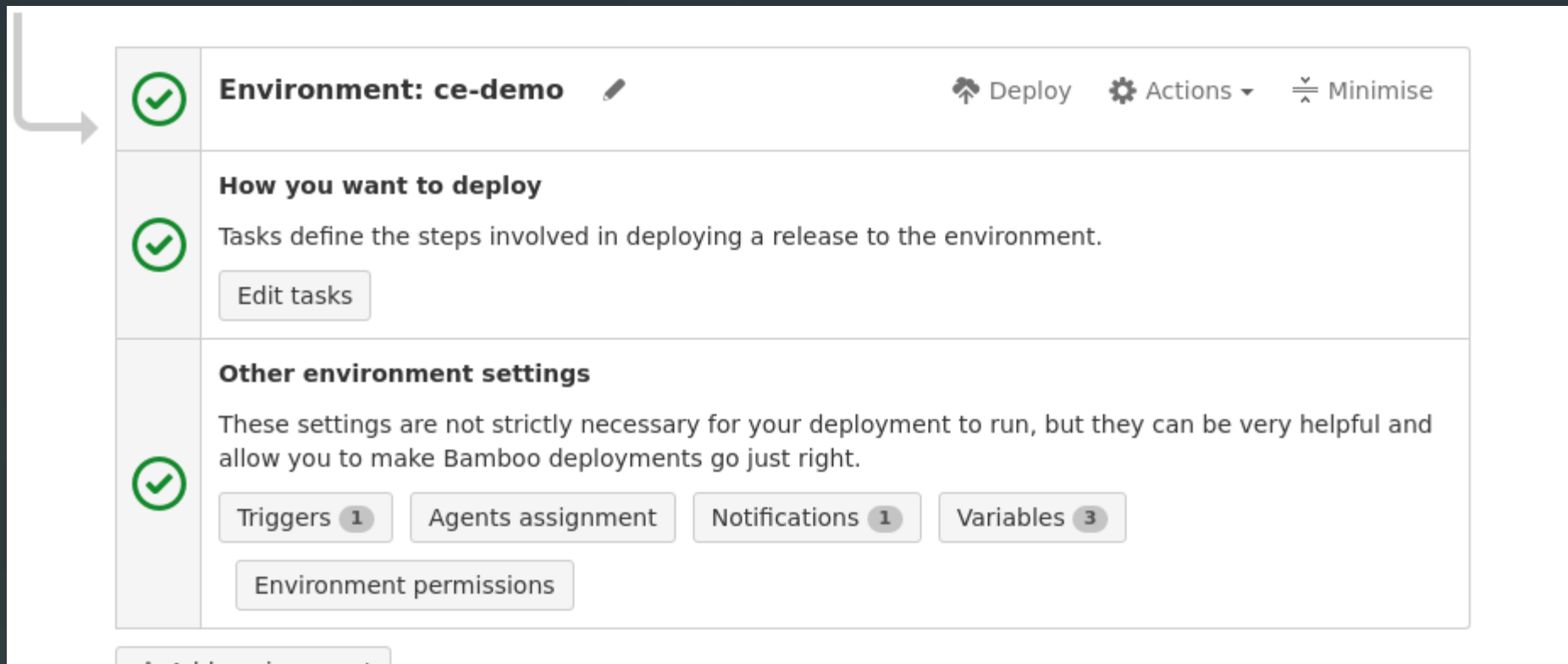
A screenshot of a terminal window with a dark background and light-colored text. The text shows a successful tag creation process. The first line says 'Se tagger completed sucessfully'. The second line says 'The new tag is: 2.1.20170925.1'. The third line says 'You can find the new changelogs in the changelog folder of your project'.

```
Se tagger completed sucessfully  
The new tag is: 2.1.20170925.1  
You can find the new changelogs in the changelog folder of your project
```

VICTORY PACKAGE READY

Plan	Build	Completed	Tests	Reason
ce-demo-package	✓ #2	6 minutes ago	18038 passed	Child of MAG2-CEDU-2
ce-demo-unittest	✓ #2	20 minutes ago	18038 passed	Changes by se-tagger < tagger-no-reply@studioemma.com >

CREATE A DEPLOY PROJECT



 **Environment: ce-demo**   Deploy  Actions  Minimise

How you want to deploy

 Tasks define the steps involved in deploying a release to the environment.

[Edit tasks](#)

Other environment settings

These settings are not strictly necessary for your deployment to run, but they can be very helpful and allow you to make Bamboo deployments go just right.

 [Triggers 1](#) [Agents assignment](#) [Notifications 1](#) [Variables 3](#)

[Environment permissions](#)

SEE YOUR DEPLOY RUNNING AFTER TAGGING

▼ Magento 2	ce-demo-package 	✔ #5	32 minutes ago	18038 passed	Child of MAG2-CEDU-5
	ce-demo-unittest	✔ #5	44 minutes ago	18038 passed	Changes by se-tagger < tagger-no-reply@studioemma.com >

magento2 demo	ce-demo	release-2	 Logs	26 Sep 2017 12:10 PM
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WITH NICE NOTIFICATIONS

Bamboo · Sep-26 12:00

 [magento2 demo release-2](#) has started deploying to [ce-demo](#). [See details.](#)

Bamboo · Sep-26 12:11

 [magento2 demo release-2](#) was successfully deployed to [ce-demo](#). [See details.](#)

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PREPARATION ON THE BUILD SERVER

- `composer install --no-dev --optimize-autoloader`
- clean install magento
- `magento cache:flush`

- replace tables with data from target setup
 - core_config_data
 - translation
 - store_website
 - store_group
 - store

- `mage` `setup:upgrade`
- `mage` `setup:static-content:deploy`
- `mage` `setup:di:compile`

PACKAGE IS A ZIP FILE

regular zipfile *with* symlinks

SERVER FOLDER STRUCTURE

```
├── .gz
├── conf
│   ├── cronroot45.gz
│   ├── nginx.conf.gz
│   └── logs
│       ├── error.log.47.gz
│       ├── access.log.gz
│       ├── error.log9.gz
│       ├── image2cron.sh4.gz
│       └── shared
│           ├── env.php
│           └── media
├── versions
│   └── 2.1.20170926.1
```

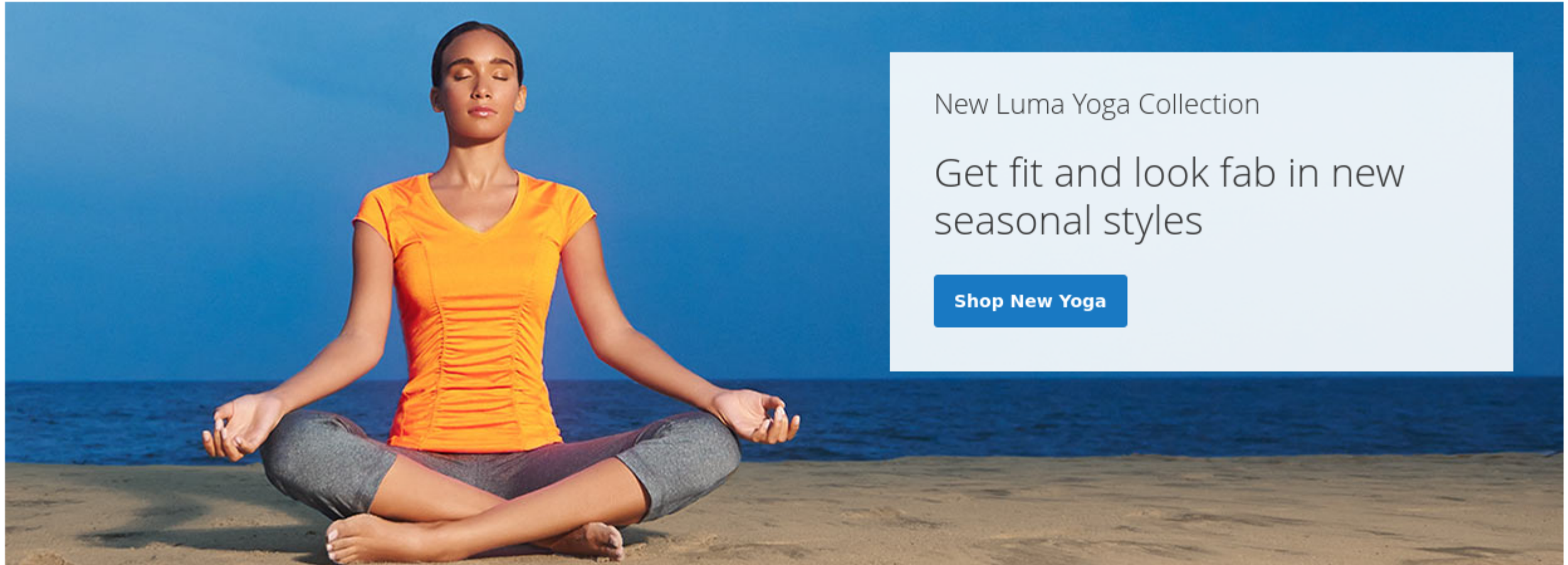
ACTIONS DONE ON THE SERVER

- part of the folder structure is created
- symlink env.php
- symlink media

- harden permissions
- magento setup:upgrade --keep-generated
- magento indexer:reindex
- magento setup:cron:run
- magento cron:run
- magento cache:flush

**ON SUCCESS THE DOCUMENT ROOT
CONFIGURATION IS CHANGED**

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Even more ways
to mix and match

QUESTIONS?

<https://joind.in/talk/0191b>

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[PHP-WVL](#) / [Docker West](#) / [Arch Linux](#) Trusted User



THANKS.

<https://joind.in/talk/0191b>

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