

EC2 Has been launched



Docker Installed

```
[root@centos ~]# rpm -qf /etc/hosts
centos-release-7-1.1503.1.el7.centos.1.x86_64
[root@centos ~]# rpm -qf /etc/yum.repos.d/epel.repo
epel-release-7-11.el7.1.1.1-12.el7.noarch
[root@centos ~]# rpm -qf /etc/yum.repos.d/centos-base.repo
centos-base-7-1.1503.1.el7.centos.1.x86_64
[root@centos ~]# rpm -qf /etc/yum.repos.d/centos-updates.repo
centos-updates-7-1.1.1.1-12.el7.noarch
[root@centos ~]# rpm -qf /etc/yum.repos.d/centos-fasttrack.repo
centos-fasttrack-7-1.1.1-12.el7.noarch
[root@centos ~]# rpm -qf /etc/yum.repos.d/centos-sources.repo
centos-sources-7-1.1.1-12.el7.noarch
[root@centos ~]# rpm -qf /etc/yum.repos.d/centos-extras.repo
centos-extras-7-1.1.1-12.el7.noarch
[root@centos ~]# rpm -qf /etc/yum.repos.d/centos-kernel-source.repo
centos-kernel-source-7-1.1.1-12.el7.noarch
[root@centos ~]# rpm -qf /etc/yum.repos.d/centos-kernel-debuginfo.repo
centos-kernel-debuginfo-7-1.1.1-12.el7.noarch
[root@centos ~]# rpm -qf /etc/yum.repos.d/centos-kernel-devel.repo
centos-kernel-devel-7-1.1.1-12.el7.noarch
[root@centos ~]# rpm -qf /etc/yum.repos.d/centos-kernel-tools.repo
centos-kernel-tools-7-1.1.1-12.el7.noarch
[root@centos ~]# rpm -qf /etc/yum.repos.d/centos-kernel-headers.repo
centos-kernel-headers-7-1.1.1-12.el7.noarch
[root@centos ~]# rpm -qf /etc/yum.repos.d/centos-kernel-testing.repo
centos-kernel-testing-7-1.1.1-12.el7.noarch
[root@centos ~]# rpm -qf /etc/yum.repos.d/centos-kernel-testing-source.repo
centos-kernel-testing-source-7-1.1.1-12.el7.noarch
[root@centos ~]# rpm -qf /etc/yum.repos.d/centos-kernel-testing-debuginfo.repo
centos-kernel-testing-debuginfo-7-1.1.1-12.el7.noarch
[root@centos ~]# rpm -qf /etc/yum.repos.d/centos-kernel-testing-devel.repo
centos-kernel-testing-devel-7-1.1.1-12.el7.noarch
[root@centos ~]# rpm -qf /etc/yum.repos.d/centos-kernel-testing-tools.repo
centos-kernel-testing-tools-7-1.1.1-12.el7.noarch
[root@centos ~]# rpm -qf /etc/yum.repos.d/centos-kernel-testing-headers.repo
centos-kernel-testing-headers-7-1.1.1-12.el7.noarch
```

Docker Compose Installed

```
[root@ip-172-31-18-150 nginx-custom]# wget docker-compose.yml
[root@ip-172-31-18-150 nginx-custom]# ls -l
total 12
-rw-r--r-- 1 root root 64 Feb 11 05:41 Dockerfile
-rw-r--r-- 1 root root 161 Feb 11 06:08 docker-compose.yml
-rw-r--r-- 1 root root 104 Feb 11 05:38 nginx.conf
[root@ip-172-31-18-150 nginx-custom]# docker-compose up -d
.
.
.
nginx[3000]: /root/nginx-custom/docker-compose.yml: the attribute 'version' is obsolete, it will be ignored, please remove it to avoid potential confusion
[+] up 2/2
  ⚡ Network nginx_custom_default Created
.
.
.
Container: nginx-nginx [1/1]
.
.
.

[root@ip-172-31-18-150 nginx-custom]# docker ps
CONTAINER ID        IMAGE               COMMAND             CREATED            STATUS              PORTS
cbe5f9a092          nginx:custom:nginx   "/usr/sbin/nginx -g"   15 seconds ago   Up 14 seconds   8080/tcp, ...:443/tcp, ...:80/tcp, ...
.
.
.
```

Created a docker file .Nginx Configuration .

```
[root@ip-172-31-18-150 ~]# mkdir nginx-custom
cd nginx-custom
[root@ip-172-31-18-150 nginx-custom]# mkdir -p /var/opt/nginx
[root@ip-172-31-18-150 nginx-custom]# nano /var/opt/nginx/index.html
[root@ip-172-31-18-150 nginx-custom]# nano Dockerfile
[root@ip-172-31-18-150 nginx-custom]# vi nginx.conf
[root@ip-172-31-18-150 nginx-custom]# nano ngnix.conf
[root@ip-172-31-18-150 nginx-custom]# cat Dockerfile
cat: Dockerfile: No such file or directory
[root@ip-172-31-18-150 nginx-custom]# cat Dockerfile
FROM nginx:latest

COPY nginx.conf /etc/nginx/conf.d/default.conf
[root@ip-172-31-18-150 nginx-custom]# cat ngnix.conf
server {
    listen 80;
    location / {
        root /var/opt/nginx;
        index index.html;
    }
}
```

Image Build

```
[root@ip-172-31-18-150 nginx-custom]# docker build -t wikkics/custom-nginx:vl .
[+] Building 5.1s (8/8) FINISHED
--> [internal] load build definition from Dockerfile
--> => transferring dockerfile: 169B
--> [internal] load metadata for docker.io/library/nginx:latest
--> [auth] library/nginx:stable token for registry-1.docker.io
--> [internal] load .dockerignore
--> => transferring context: 2B
--> [internal] load build context
--> => transferring content: 201B
--> [1/2] FROM docker.io/library/nginx:latest@sha256:343bfef030e6f5277d4002c66e10903195a42924a624abfe0e262e0056d313208
--> =>  removing docker.io/library/nginx:latest@sha256:343bfef030e6f5277d4002c66e10903195a42924a624abfe0e262e0056d313208
--> => sha256:149a9e2814259e41394ef544d1125ec01fb0b0904fa2ab441e97ac2044b6b5 2.29MB / 2.29MB
--> => sha156:17edeff6b80418701c14cf1299185e3668ceab730829fd263eb7a856b1 3.68MB / 3.68MB
--> => sha256:c0d455a93c0d058de6057809ac0fb708de9e785fc6591f07de941b67c7ea45d0 29.78MB / 29.78MB
--> => sha256:474e1a12d42eaa146723a1b14302d2259f78230d4d8a2aa37ac2442905c 621B / 621B
--> => sha256:4fb3a120a6be0d27a3e819ab44ad7ef6d02792a87410b8bea6e321a02 73.17MB / 73.17MB
--> => sha256:76cb88caecb0d0e037d67029484fc9e0429738a21b7b24e024341f3baec00f0133e 955B / 955B
--> => sha256:873400223f4d14bc1e1b09e05339e6b3ed5d5e6155c47b400891ee7d8 404B / 404B
--> => sha256:47cd408a14ef93b78ff7e653edew89493e6958c2444e0ed0387ff0b1398e5114 1.21MB / 1.21MB
--> => sha256:caea5a1799e800b0e03d69179c56dd856d6169867a01000d101190e723998e679 1.40MB / 1.40MB
--> => extracting sha256:0cd55a45m0dc59de5579e9cc5b105dewm 937f4551fc7de941be7c7e245da
--> => extracting sha256:44bf3a120c7ec0a0207a3a219bb44ed7e4b00d2b17a202e742006ben4c321a2
--> => extracting sha256:4f4fe0fe02d542e6a11677a61b1292e0673b2f88f56830d0d4d9eaaed7ac26c905c
--> => extracting sha256:4734c88caecb0d0e037d67029484fc9e0429738a21b7b24e024341f3baec00f0133e
--> => extracting sha256:477406233d42fe4b0e1eb738a02033448fb86e2d85d4e63c97311e6aa748
--> => extracting sha256:47cd408a81e001b76ff7w833ed5e592663a19ff0b2644a1ed038874a9b1335e3114
--> => extracting sha256:3bea1799e800b0e03d69179c56dd856d6169867a01000d101190e723998e679
--> [2/2] COPY nginx.conf /etc/nginx/nginx.conf/default.conf
--> exporting to image
--> => exporting layers
--> => writing image sha256:172f47ead13e48e55c344ed545f707bd9b948e5d0d4d323dibledfd41d7ba0811
--> => naming to docker.io/wikkics/custom-nginx:vl
```



Welcome to Custom Nginx via Docker Compose

Volume mounted at /var/opt/nginx

Image Pushed to docker hub:

```
[root@ip-172-31-18-150 nginx-custom]# docker ps
CONTAINER ID        IMAGE               COMMAND             CREATED            STATUS              PORTS               NAMES
140744432          wikkics/nginx:latest   "/bin/sh -c 'exec ./nginx -c /etc/nginx/nginx.conf'"   14 seconds ago   Up 14 seconds   0.0.0.0:80->80/tcp, 0.0.0.0:443->443/tcp   wikkics-nginx
[root@ip-172-31-18-150 nginx-custom]# curl http://16.148.110.236
Welcome to Custom Nginx via Docker Compose! It's here!
nginx mounted at /var/opt/nginx/nginx
nginx running with default configuration...
nginx: [warn] configuration file /etc/nginx/nginx.conf is encrypted in /root/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/Reference/command-line/login/#credential-store

login succeeded
[root@ip-172-31-18-150 nginx-custom]# docker images | grep wikkics-nginx
wikkics-nginx      v1           1724fe021b   14 minutes ago  16MB
[root@ip-172-31-18-150 nginx-custom]# docker push wikkics/custom-nginx:v1
The push refers to repository [docker.io/wikkics/custom-nginx]
4f1e21864775: Pushed
```

hub.docker.com/repository/docker/wikkics/custom-nginx/general

wikkics Docker Personal

Repositories / custom-nginx / General

wikkics/custom-nginx ⓘ

Last pushed 2 minutes ago • ⚡ 0 • ⏪ 0

Add a description ⌁ ⓘ

Add a category ⌁ ⓘ

General Tags Image Management Collaborators Webhooks Settings

Tags DOCKER SCOUT INACTIVE Activate

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
v1		Image	less than 1 day	2 minutes