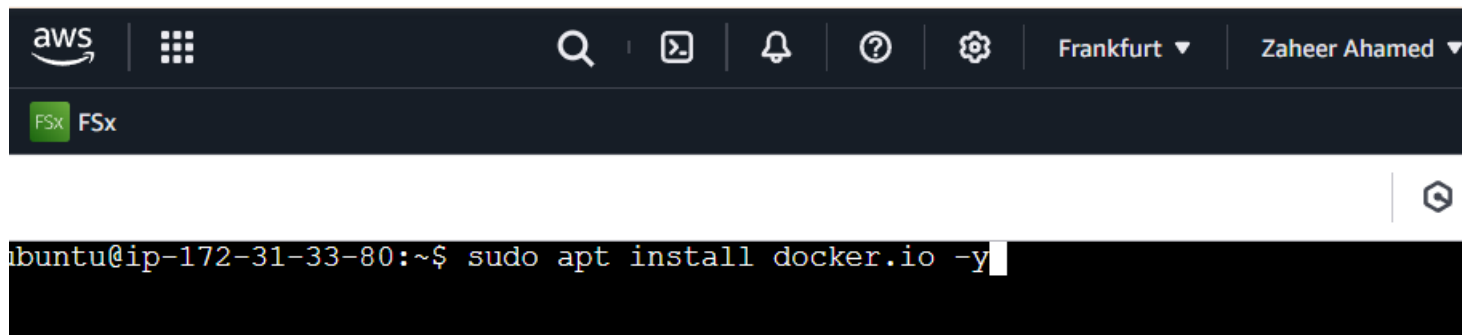


Docker Assign-1

1. Install Docker



The screenshot shows the AWS Management Console interface. At the top, there's a navigation bar with the AWS logo, a grid icon, search, and various utility icons. Below the navigation bar, there's a header for the 'FSx' service. The main content area displays a terminal window for an Ubuntu instance with IP address 172-31-33-80. The terminal shows the command 'sudo apt install docker.io -y' being executed.

```
ubuntu@ip-172-31-33-80:~$ sudo apt install docker.io -y
```

2. Check directory and version

```
No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-33-80:~$ which docker
/usr/bin/docker
ubuntu@ip-172-31-33-80:~$ docker --version
Docker version 24.0.7, build 24.0.7-0ubuntu2~22.04.1
ubuntu@ip-172-31-33-80:~$
```

3. Pull ubuntu

```
ubuntu@ip-172-31-33-80:~$ sudo docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
de44b265507a: Pull complete
Digest: sha256:80dd3c3b9c6cecb9f1667e9290b3bc61b78c2678c02cbdae5f0fea92cc6734ab
Status: Downloaded newer image for ubuntu:latest
docker.io/library/ubuntu:latest
ubuntu@ip-172-31-33-80:~$
```

4. Check pulled docker image

```
ubuntu@ip-172-31-33-80:~$ sudo docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
ubuntu        latest    b1d9df8ab815   3 weeks ago   78.1MB
ubuntu@ip-172-31-33-80:~$
```

5. Run container on port 80:80

```
ubuntu@ip-172-31-33-80:~$ sudo docker run -itd -p 80:80 --name conatiner1 ubuntu
e5b2a371348b71929807adaf389bf9d8d35a93e1dcd5e560e45cb48cb9e4b3ab
ubuntu@ip-172-31-33-80:~$
```

```
ubuntu@ip-172-31-33-80:~$ sudo docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS
e5b2a371348b   ubuntu    "/bin/bash"             2 minutes ago Up 2 minutes   0.0.0.0:80-
>80/tcp, :::80->80/tcp   conatiner1
ubuntu@ip-172-31-33-80:~$ sudo docker ps -a
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS
e5b2a371348b   ubuntu    "/bin/bash"             12 minutes ago Up 12 minutes   0.0.0.0:8
0->80/tcp, :::80->80/tcp   conatiner1
ubuntu@ip-172-31-33-80:~$
```



Ubuntu

Apache2 Default Page

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the `apache2-doc` package was installed on this server.

The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
/etc/apache2/  
|-- apache2.conf  
|   |-- ports.conf  
|-- mods-enabled  
|   |-- *.load  
|   |-- *.conf  
|-- conf-enabled  
|   |-- *.conf  
|-- sites-enabled
```

```
Running hooks in /etc/ca-certificates/update.d...
done.
root@e5b2a371348b:/# service apache2 ststus
Usage: apache2 {start|stop|graceful-stop|restart|reload|force-reload}
root@e5b2a371348b:/# service apache2 start
 * Starting Apache httpd web server apache2
AH00558: apache2: Could not reliably determine the server's fully qualified domain name
e, using 172.17.0.2. Set the 'ServerName' directive globally to suppress this message
 *
root@e5b2a371348b:/# exit
exit
ubuntu@ip-172-31-33-80:~$ history
1  sudo apt update
2  sudo apt install decker.io -y
3  clear
4  sudo apt install docker.io -y
5  which docker
6  docker --version
7  sudo docker pull ubuntu
8  sudo docker images
9  sudo docker run -itd -p 80:80 --name conatiner1 ubuntu
10 sudo docker ps
11 sudo docker ps -a
12 sudo docker exec -it e5b2a371348b bash
13 history
ubuntu@ip-172-31-33-80:~$
```

i-014cc026d574dcae9 (Docker-1)

PublicIPs: 35.159.73.104 PrivateIPs: 172.31.33.80

Docker Assign-2

```
aws | [grid icon] | [search icon] | [terminal icon] | [bell icon] | [help icon] | [settings icon] | Frankfurt ▼ | Zaheer Ahamed ▼
```

```
ubuntu@ip-172-31-35-96:~$ sudo docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
nginx	latest	66f8bdd3810c	2 weeks ago	192MB
ubuntu	latest	b1d9df8ab815	3 weeks ago	78.1MB

```
ubuntu@ip-172-31-35-96:~$ sudo docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS
63c421e30c9b	ubuntu	"/bin/bash"	17 minutes ago	Up 17 minutes	0.0.0.0:80->80/tcp, :::80->80/tcp

```
ubuntu@ip-172-31-35-96:~$ sudo docker commit 63c421e30c9b image1
sha256:74b9027d96f3f6b83a84c1f63de89a07a83d406bc1fe92885c45d594a764b682
```

```
ubuntu@ip-172-31-35-96:~$ sudo docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
image1	latest	74b9027d96f3	26 seconds ago	229MB
nginx	latest	66f8bdd3810c	2 weeks ago	192MB
ubuntu	latest	b1d9df8ab815	3 weeks ago	78.1MB

```
ubuntu@ip-172-31-35-96:~$
```



Google Chrome isn't your default browser

Set as default



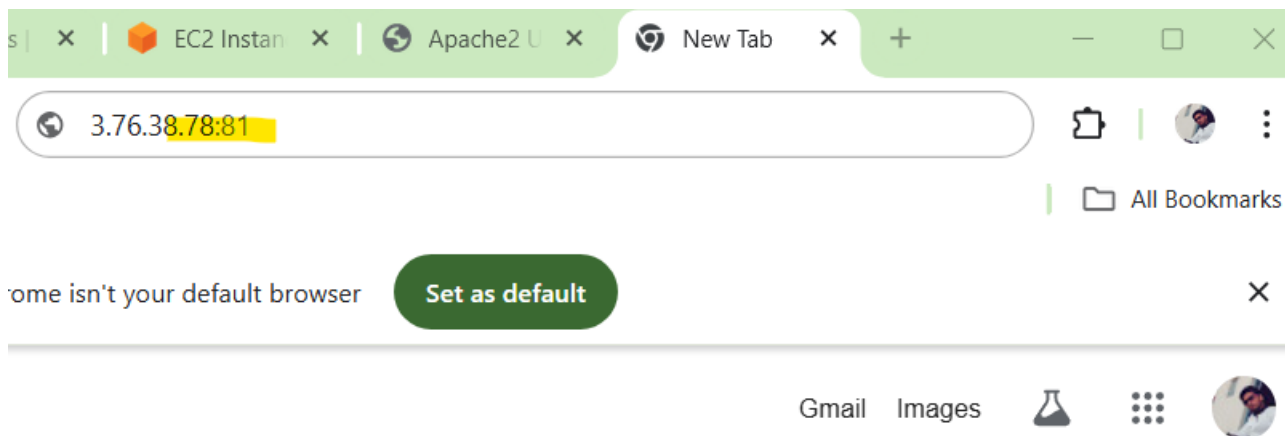
Frankfurt ▼

Zaheer Ahamed ▼



```
0->80/tcp, :::80->80/tcp  conatiner1
ubuntu@ip-172-31-35-96:~$ sudo docker commit 63c421e30c9b image1
sha256:74b9027d96f3f6b83a84c1f63de89a07a83d406bc1fe92885c45d594a764b682
ubuntu@ip-172-31-35-96:~$ sudo docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
image1        latest   74b9027d96f3   26 seconds ago  229MB
nginx         latest   66f8bdd3810c   2 weeks ago    192MB
ubuntu        latest   b1d9df8ab815   3 weeks ago    78.1MB
ubuntu@ip-172-31-35-96:~$ sudo docker run -itd -p 81:80 image1
b55126f9bc31e657efd151afd93e5afb38a11f111a4ea715a4707f0b62adc488
ubuntu@ip-172-31-35-96:~$ sudo docker ps -a
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS
b55126f9bc31   image1     "/bin/bash"             30 seconds ago  Up 29 seconds  0.0.0.0:8
l->80/tcp, :::81->80/tcp  priceless_ellis
63c421e30c9b   ubuntu     "/bin/bash"             22 minutes ago  Up 22 minutes  0.0.0.0:8
0->80/tcp, :::80->80/tcp  conatiner1
ubuntu@ip-172-31-35-96:~$ sudo docker exec -it b55126f9bc31 bash
root@b55126f9bc31:/# apt-get update
Hit:1 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:2 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:4 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Reading package lists... Done
root@b55126f9bc31:/#
```


```
ubuntu@ip-172-31-35-96:~$ sudo docker exec -it b55126f9bc31 bash
root@b55126f9bc31:/# apt-get update
Hit:1 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:2 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:4 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Reading package lists... Done
root@b55126f9bc31:/# service apache2 status
* apache2 is not running
root@b55126f9bc31:/# service apache2 start
* Starting Apache httpd web server apache2
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.17.0.3. Set the 'ServerName' directive globally to suppress this message
*
root@b55126f9bc31:/#
```



Instances | EC2 | eu x | EC2 Instance Conn x | Apache2 Ubuntu x

← → ↻ ⚠ Not secure 3.76.38.78 ☆ 📄 👤 ⋮

Google Chrome isn't your default browser Set as default X



Ubuntu

Apache2 Default Page

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`), before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the `apache2-doc` package was installed on this server.

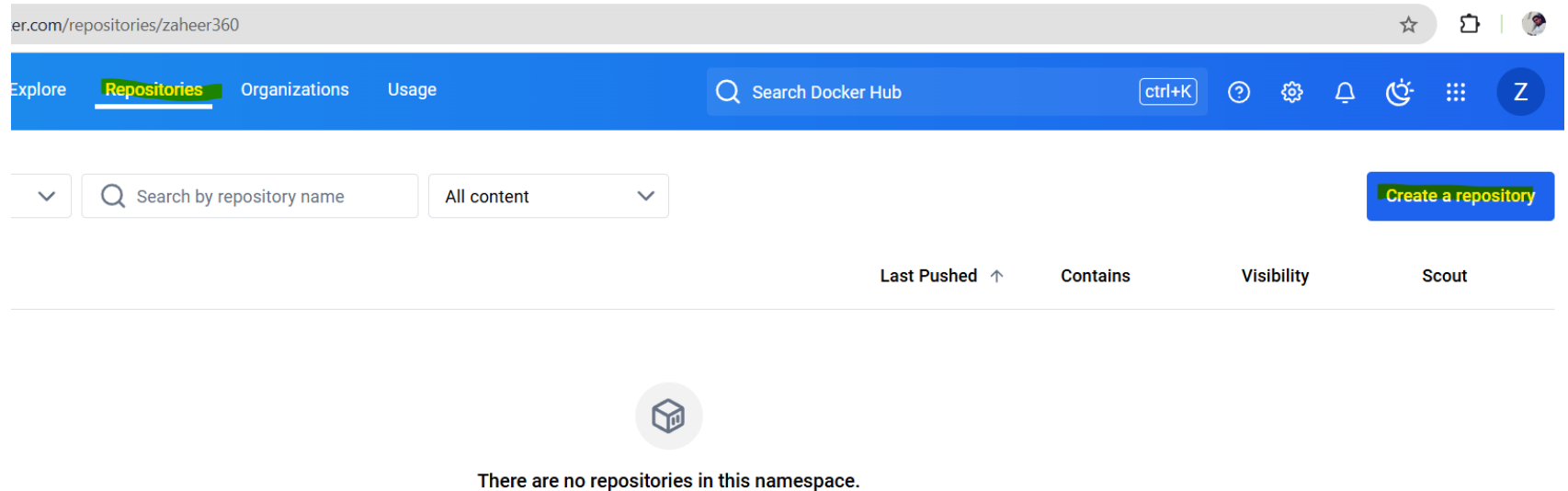
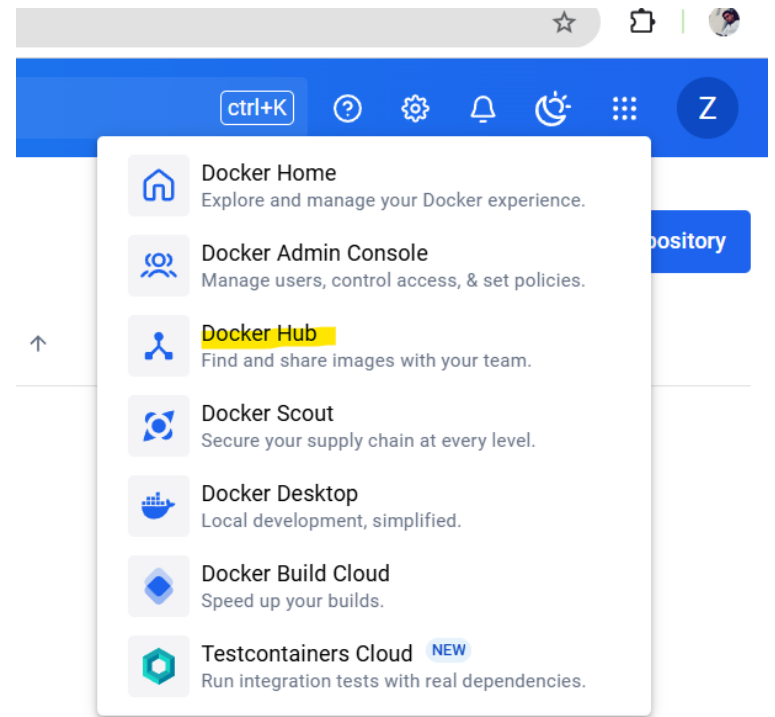
The configuration layout for an Apache2 web server installation on Ubuntu systems is as follows:

```
etc/apache2/
```



```
16 sudo docker images
17 sudo docker ps -a
18 sudo docker commit 63c421e30c9b image1
19 sudo docker images
20 sudo docker run -itd -p 81:80 image1
21 sudo docker ps -a
22 sudo docker exec -it b55126f9bc31 bash
23 history
```

Docker Assign-3



[Repositories](#) / [Create](#)

Create repository

Namespace

zaheer360



Repository Name *

dockerassign-3



Short description

A short description to identify your repository. If the repository is public, this description is used to index your content on Docker Hub and in search engines, and is visible to users in search results.

Visibility

Using 0 of 1 private repositories. [Get more](#)



Public



Appears in Docker Hub search results



Private



Only visible to you

Cancel

Create

```
ubuntu@ip-172-31-35-96:~$ sudo docker login
Log in with your Docker ID or email address to push and pull images from Docker Hub. If you don't have a Docker ID, head over to https://hub.docker.com/ to create one.
You can log in with your password or a Personal Access Token (PAT). Using a limited-scope PAT grants better security and is required for organizations using SSO. Learn more at https://docs.docker.com/go/access-tokens/

Username: zaheer360
Password:
WARNING! Your password will be stored unencrypted in /root/.docker/config.json. Configure a credential helper to remove this warning. See https://docs.docker.com/engine/reference/commandline/login/#credentials-store

Login Succeeded
ubuntu@ip-172-31-35-96:~$
```

```
Login Succeeded
ubuntu@ip-172-31-35-96:~$ sudo docker tag image1 zaheer360/dockerassign-3
ubuntu@ip-172-31-35-96:~$ sudo docker push zaheer360/dockerassign-3
Using default tag: latest
The push refers to repository [docker.io/zaheer360/dockerassign-3]
980ee00c86c4: Pushing [>] 524.
980ee00c86c4: Pushed
6MB/150.9MB6: Mounted from library/ubuntu
latest: digest: sha256:377c7b599bb70c0086b33085b64c19dd14858aba4b175332fbf2d19f56c8636f size: 741
ubuntu@ip-172-31-35-96:~$
```

General

[Tags](#)

[Builds](#)

[Collaborators](#)

[Webhooks](#)

[Settings](#)

zaheer360/dockerassign-3



Last pushed 1 minute ago

[Add a description](#)   INCOMPLETE

[Add a category](#)   INCOMPLETE

Tags

This repository contains 1 tag(s).

Tag	OS	Type	Pulled	Pushed
 latest		Image	a minute ago	a minute ago

[See all](#)

```

Fetched 34.8 MB in 7s (5141 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
37 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-33-167:~$ sudo apt install docker.io -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  bridge-utils containerd dns-root-data dnsmasq-base pigz runc ubuntu-fan
Suggested packages:
  ifupdown aufs-tools cgroupfs-mount | cgroup-lite debootstrap docker-doc rinse z

```

```

No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-172-31-33-167:~$ docker --version
Docker version 24.0.7, build 24.0.7-0ubuntu2~22.04.1
ubuntu@ip-172-31-33-167:~$ sudo docker pull zaheer360/dockerassign-3
Using default tag: latest
latest: Pulling from zaheer360/dockerassign-3
de44b265507a: Pull complete
9030277fb346: Pull complete
Digest: sha256:377c7b599bb70c0086b33085b64c19dd14858aba4b175332
Status: Downloaded newer image for zaheer360/dockerassign-3:latest
docker.io/zaheer360/dockerassign-3:latest
ubuntu@ip-172-31-33-167:~$ docker images
permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.
nix /var/run/docker.sock: connect: permission denied
ubuntu@ip-172-31-33-167:~$ sudo docker images
REPOSITORY          TAG          IMAGE ID      CREATED        SIZE
zaheer360/dockerassign-3  latest      74b9027d96f3  About an hour ago  229MB
ubuntu@ip-172-31-33-167:~$ sudo docker run -itd -p 85:80 --name container2 zaheer360/dockerassign-3
44bb419c14c80fe219b8f61e880a4b2011c5378e9b5b00d27abe0fbf4cca2ae8
ubuntu@ip-172-31-33-167:~$ sudo docker ps
CONTAINER ID   IMAGE          COMMAND          CREATED        STATUS        PORTS          NAMES
44bb419c14c8   zaheer360/dockerassign-3  "/bin/bash"     23 seconds ago  Up 21 seconds  0.0.0.0:85->80/tcp, :::85->80/tcp  container2
ubuntu@ip-172-31-33-167:~$

```

```

Status: Downloaded newer image for zaheer360/dockerassign-3:latest
docker.io/zaheer360/dockerassign-3:latest
ubuntu@ip-172-31-33-167:~$ docker images
permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock": dial unix /var/run/docker.sock: connect: permission denied
ubuntu@ip-172-31-33-167:~$ sudo docker images
REPOSITORY          TAG                 IMAGE ID            CREATED             SIZE
zaheer360/dockerassign-3   latest             74b9027d96f3       About an hour ago   229MB
ubuntu@ip-172-31-33-167:~$ sudo docker run -itd -p 85:80 --name container2 zaheer360/dockerassign-3
44bb419c14c80fe219b8f61e880a4b2011c5378e9b5b00d27abe0fbf4cca2ae8
ubuntu@ip-172-31-33-167:~$ sudo docker ps
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS               NAMES
44bb419c14c8        zaheer360/dockerassign-3   "/bin/bash"        23 seconds ago     Up 21 seconds      0.0.0.0:85->80/tcp, :::85->80/tcp   container2
ubuntu@ip-172-31-33-167:~$ sudo docker exec -it 44bb419c14c8 bash
root@44bb419c14c8:/# apt-get update
Hit:1 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:2 http://archive.ubuntu.com/ubuntu noble InRelease
Get:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Hit:4 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Fetched 126 kB in 1s (178 kB/s)
Reading package lists... Done
root@44bb419c14c8:/# service apache2 status
* apache2 is not running
root@44bb419c14c8:/# service apache2 start
* Starting Apache httpd web server apache2
AH00558: apache2: Could not reliably determine the server's
e, using 172.17.0.2. Set the 'ServerName' directive globally to suppress this message
*
root@44bb419c14c8:/#

```

Instance

EC2 Ins

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Apache

zaheer

3.1

+

×

ⓘ

3.124.186.158:85



Ubuntu

Apache2 Default Page

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`) before continuing to operate your HTTP server.

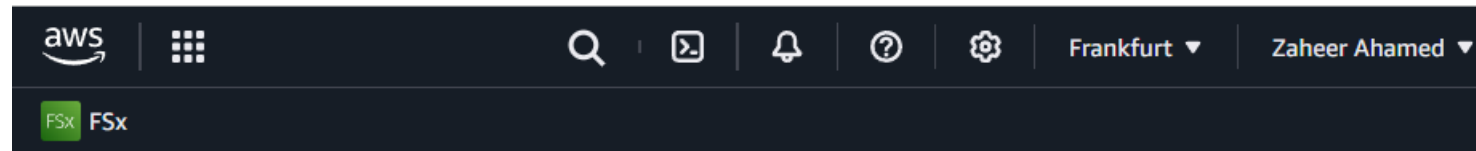
If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the


```
root@44bb419c14c8:/# exit
exit
ubuntu@ip-172-31-33-167:~$ hidtory
hidtory: command not found
ubuntu@ip-172-31-33-167:~$ history
  1  sudo apt update
  2  sudo apt install docker.io -y
  3  docker --version
  4  sudo docker pull zaheer360/dockerassign-3
  5  docker images
  6  sudo docker images
  7  sudo docker run -itd -p 85:80 --name container2 zaheer360/dockerassign-3
  8  sudo docker ps
  9  sudo docker exec -it 44bb419c14c8 bash
 10  hidtory
 11  history
ubuntu@ip-172-31-33-167:~$ █
```

Docker Assign-4



```
ubuntu@ip-172-31-33-167:~$ sudo nano Dockerfile
ubuntu@ip-172-31-33-167:~$ sudo docker build . -t img2
DEPRECATED: The legacy builder is deprecated and will be removed in a future release.
                Install the buildx component to build images with BuildKit:
                https://docs.docker.com/go/buildx/

Sending build context to Docker daemon  12.29kB
Step 1/4 : FROM ubuntu
latest: Pulling from library/ubuntu
```

```
FROM ubuntu
RUN apt-get update
RUN apt-get install apache2 -y
ENTRYPOINT apachectl -D FOREGROUND
#CMD["apachectl", "-D", "FOREGROUND"]
```

```
Step 4/4 : ENTRYPOINT apachectl -D FOREGROUND
--> Running in 796a9a2e7f90
Removing intermediate container 796a9a2e7f90
--> 956ab53cd8f0
Successfully built 956ab53cd8f0
Successfully tagged img2:latest
ubuntu@ip-172-31-33-167:~$
```

```

Successfully built 956ab53cd8f0
Successfully tagged img2:latest
ubuntu@ip-172-31-33-167:~$ sudo docker images

```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
img2	latest	956ab53cd8f0	About a minute ago	229MB
zaheer360/dockerassign-3	latest	74b9027d96f3	2 hours ago	229MB
ubuntu	latest	b1d9df8ab815	3 weeks ago	78.1MB

```

ubuntu@ip-172-31-33-167:~$

```

i-02426b7e20c0cd5ad (Docker2)



```

ubuntu@ip-172-31-33-167:~$ sudo docker ps -a

```

CONTAINER ID	IMAGE	COMMAND	NAMES	CREATED
723f866a8376	img2	"/bin/sh -c 'apachec...'"	CONTR3	19 seconds ago
Up 18 seconds	0.0.0.0:83->80/tcp, :::83->80/tcp			
44bb419c14c8	zaheer360/dockerassign-3	"/bin/bash"	container2	29 minutes ago
Up 28 minutes	0.0.0.0:85->80/tcp, :::85->80/tcp			

```

ubuntu@ip-172-31-33-167:~$ sudo docker exec -it CONTR3 bash
root@723f866a8376:/# apt-get update
Hit:1 http://security.ubuntu.com/ubuntu noble-security InRelease
Hit:2 http://archive.ubuntu.com/ubuntu noble InRelease
Hit:3 http://archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:4 http://archive.ubuntu.com/ubuntu noble-backports InRelease
Reading package lists... Done
root@723f866a8376:/# service apache2 ststus
Usage: apache2 {start|stop|graceful-stop|restart|reload|force-reload}
root@723f866a8376:/# service apache2 start
* Starting Apache httpd web server apache2
*
root@723f866a8376:/#

```



Ubuntu

Apache2 Default Page

It works!

This is the default welcome page used to test the correct operation of the Apache2 server after installation on Ubuntu systems. It is based on the equivalent page on Debian, from which the Ubuntu Apache packaging is derived. If you can read this page, it means that the Apache HTTP server installed at this site is working properly. You should **replace this file** (located at `/var/www/html/index.html`) before continuing to operate your HTTP server.

If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

Configuration Overview

Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. Documentation for the web server itself can be found by accessing the **manual** if the

```
12 clear
13 sudo nano Dockerfile
14 sudo docker build . -t img2
15 sudo docker images
16 sudo docker run -itd -p 83:80 --name CONTR3 img2
17 sudo docker ps -a
18 sudo docker exec -it CONTR3 bash
19 history
untu@ip-172-31-33-167:~$
```

Docker Assign-5

```
37 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-45-30:~$ mkdir Ass5
ubuntu@ip-172-31-45-30:~$ cd Ass5
ubuntu@ip-172-31-45-30:~/Ass5$ ls
ubuntu@ip-172-31-45-30:~/Ass5$ sudo nano index.html
ubuntu@ip-172-31-45-30:~/Ass5$ sudo nano Dockerfile
ubuntu@ip-172-31-45-30:~/Ass5$ sudo apt-get install docker.io -y
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  bridge-utils containerd dns-root-data dnsmasq-base pigz runc ubuntu-fan
Suggested packages:
  ifupdown aufs-tools cgroupfs-mount | cgroup-lite debootstrap docker-doc rin
The following NEW packages will be installed:
  bridge-utils containerd dns-root-data dnsmasq-base docker.io pigz runc ubun
0 upgraded, 8 newly installed, 0 to remove and 37 not upgraded.
Need to get 75.5 MB of archives.
After this operation, 284 MB of additional disk space will be used.
Get:1 http://eu-central-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64
```

i-0d8a82efac8f66a55 (docker4)

PublicIPs: 18.184.173.105 PrivateIPs: 172.31.45.30

Sudo nano index.html

```
GNU nano 2.9.2
<html>
<head>
<title>DOCKER</title>
</head>
<body>
<p>This is a sample html file</p>
</body>
</html>
```

Sudo nano Dockerfile

```
GNU nano 6.2
FROM ubuntu
RUN apt-get update
RUN apt-get install apache2 -y
ENTRYPOINT apache2ctl -D FOREGROUND
ADD index.html /var/www/html
```

```
ubuntu@ip-172-31-45-30:~/Ass5$ sudo nano index.html
ubuntu@ip-172-31-45-30:~/Ass5$ sudo docker run -itd -p 80:80 ass5
7dca3a6a640ad8e56a2985e260d73eadf42df5dfba4414a9a1b0c429761b2676
ubuntu@ip-172-31-45-30:~/Ass5$ sudo docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS                               NAMES
7dca3a6a640a   ass5      "/bin/sh -c 'apache2..." 9 seconds ago  Up 8 seconds  0.0.0.0:80->80/tcp, :::80->80/tcp  elastic_hopper
591964847a2e   ass5      "/bin/sh -c 'apache2..." 13 minutes ago Up 13 minutes  0.0.0.0:86->80/tcp, :::86->80/tcp  laughing_germain
8db1a7b37f2c   ass5      "/bin/sh -c 'apache2..." 31 minutes ago Up 31 minutes  0.0.0.0:85->80/tcp, :::85->80/tcp  beautiful_wright
ubuntu@ip-172-31-45-30:~/Ass5$
```

