

Inbox (16,093) - n X

Instances | EC2 M X

Start Course - Int X

Docker-Assignment-1 X

Apache Tomcat/ X

WhatsApp

Docker Hub

Apache2 Ubuntu Def X

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🔒

🔗

https://us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:

☆

📧

☰

aws

Services

🔍

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[Alt+S]

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❓

N. Virginia ▾

aarambh-user1 @ 3425-0804-7718 ▾

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⚙️

<input type="checkbox"/>	Name ▾	Instance ID	Instance state ▾	Instance type ▾	Status check	Alarm status	Availability Z
<input type="checkbox"/>	Ansible-web2	i-00454b618dd627246	🟢 Running 🔍🔍	t2.micro	🟢 2/2 checks passed	No alarms +	us-east-1c
<input type="checkbox"/>	Ansible-Prod1	i-0bd588f2b4d79ee87	🟢 Running 🔍🔍	t2.micro	🟢 2/2 checks passed	No alarms +	us-east-1c
<input checked="" type="checkbox"/>	Dock-Ansi-web1	i-0cafa27ef8d53ab50	🟢 Running 🔍🔍	t2.micro	🟢 2/2 checks passed	No alarms +	us-east-1c
<input type="checkbox"/>	Git	i-01e4c1b270da63e0e	⚪ Stopped 🔍🔍	t2.micro	–	No alarms +	us-east-1d
<input type="checkbox"/>	ubuntujenkins	i-0717ac4271550cb0f	⚪ Stopped 🔍🔍	t2.micro	–	No alarms +	us-east-1d

Instance: i-0cafa27ef8d53ab50 (Dock-Ansi-web1)

⚙️

✕

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

▼ Instance summary

Info

Instance ID

📄 i-0cafa27ef8d53ab50 (Dock-Ansi-web1)

IPv6 address

–

Public IPv4 address copied

3.87.203.144 | [open address](#)

Instance state

🟢 Running

Private IPv4 addresses

📄 172.31.94.237

Public IPv4 DNS

📄 ec2-3-87-203-144.compute-1.amazonaws.com [open address](#)

Feedback

English (US) ▾

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Privacy

Terms

Cookie preferences

🌐

📁

🔍

🔥

🛡️

🗣️

⚡

📄

📊

🎨

👤

12:07

22/03/2022

```
root@ip-172-31-94-237:~# docker pull ubuntu
Using default tag: latest
latest: Pulling from library/ubuntu
Digest: sha256:bea6d19168bbfd6af8d77c2cc3c572114eb5d113e6f422573c93cb605a0e2fffb
Status: Image is up to date for ubuntu:latest
docker.io/library/ubuntu:latest
root@ip-172-31-94-237:~# docker images
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
dockerimage         latest          089a4636f5dd   2 hours ago    221MB
mohitrathore/latest latest          089a4636f5dd   2 hours ago    221MB
ubuntu              latest         ff0fea8310f3   4 days ago     72.8MB
root@ip-172-31-94-237:~# docker run -td --name container1 -p 90:80 ubuntu
51e1e4d53d8e061d0f9e41110dd290b4b8f5d7c7ef6ce1642f8a3b9292f37f82
root@ip-172-31-94-237:~# docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS
NAMES
51e1e4d53d8e  ubuntu   "bash"    15 seconds ago    Up 14 seconds    0.0.0.0:90->80/tcp, :::90->80/tcp
container1
root@ip-172-31-94-237:~# docker exec -it container1 /bin/bash
root@51e1e4d53d8e:/# apt update
Get:1 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:2 http://archive.ubuntu.com/ubuntu focal InRelease [265 kB]
Get:3 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 Packages [1054 kB]
Get:4 http://security.ubuntu.com/ubuntu focal-security/main amd64 Packages [1673 kB]
Get:5 http://security.ubuntu.com/ubuntu focal-security/universe amd64 Packages [859 kB]
Get:6 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 Packages [25.8 kB]
Get:7 http://archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:8 http://archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:9 http://archive.ubuntu.com/ubuntu focal/universe amd64 Packages [11.3 MB]
Get:10 http://archive.ubuntu.com/ubuntu focal/restricted amd64 Packages [33.4 kB]
Get:11 http://archive.ubuntu.com/ubuntu focal/multiverse amd64 Packages [177 kB]
Get:12 http://archive.ubuntu.com/ubuntu focal/main amd64 Packages [1275 kB]
Get:13 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [2088 kB]
```



```
root@51e1e4d53d8e:/# apt install apache2 -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils ca-certificates file krb5-locales libapr1 libaprutil1
  libaprutil1-dbd-sqlite3 libaprutil1-ldap libasn1-8-heimdal libbrotli1 libcurl4 libexpat1
  libgdbm-compat4 libgdbm6 libgssapi-krb5-2 libgssapi3-heimdal libhcrypto4-heimdal
  libheimbase1-heimdal libheimntlm0-heimdal libhx509-5-heimdal libicu66 libjansson4 libk5crypto3
  libkeyutils1 libkrb5-26-heimdal libkrb5-3 libkrb5support0 libldap-2.4-2 libldap-common liblua5.2-0
  libmagic-mgc libmagic1 libnghttp2-14 libperl5.30 libpsl5 libroken18-heimdal librtmp1 libsasl2-2
  libsasl2-modules libsasl2-modules-db libsqlite3-0 libssh-4 libssl1.1 libwind0-heimdal libxml2
  mime-support netbase openssl perl perl-modules-5.30 publicsuffix ssl-cert tzdata xz-utils
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser ufw gdbm-l10n krb5-doc
  krb5-user libsasl2-modules-gssapi-mit | libsasl2-modules-gssapi-heimdal libsasl2-modules-ldap
  libsasl2-modules-otp libsasl2-modules-sql perl-doc libterm-readline-gnu-perl
  | libterm-readline-perl-perl make libb-debug-perl liblocale-codes-perl openssl-blacklist
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils ca-certificates file krb5-locales libapr1
  libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap libasn1-8-heimdal libbrotli1 libcurl4
  libexpat1 libgdbm-compat4 libgdbm6 libgssapi-krb5-2 libgssapi3-heimdal libhcrypto4-heimdal
  libheimbase1-heimdal libheimntlm0-heimdal libhx509-5-heimdal libicu66 libjansson4 libk5crypto3
  libkeyutils1 libkrb5-26-heimdal libkrb5-3 libkrb5support0 libldap-2.4-2 libldap-common liblua5.2-0
  libmagic-mgc libmagic1 libnghttp2-14 libperl5.30 libpsl5 libroken18-heimdal librtmp1 libsasl2-2
  libsasl2-modules libsasl2-modules-db libsqlite3-0 libssh-4 libssl1.1 libwind0-heimdal libxml2
  mime-support netbase openssl perl perl-modules-5.30 publicsuffix ssl-cert tzdata xz-utils
0 upgraded, 57 newly installed, 0 to remove and 0 not upgraded.
Need to get 24.1 MB of archives.
After this operation, 117 MB of additional disk space will be used.
Get:1 http://archive.ubuntu.com/ubuntu focal-updates/main amd64 perl-modules-5.30 all 5.30.0-9ubuntu0.2
[2738 kB]
Get:2 http://archive.ubuntu.com/ubuntu focal/main amd64 libgdbm6 amd64 1.18.1-5 [27.4 kB]
```

- geographic area: 6

- ```
time zone: 44
```

---

```
Enabling module autoindex.
Enabling module env.
Enabling module mime.
Enabling module negotiation.
Enabling module setenvif.
Enabling module filter.
Enabling module deflate.
Enabling module status.
Enabling module reqtimeout.
Enabling conf charset.
Enabling conf localized-error-pages.
Enabling conf other-vhosts-access-log.
Enabling conf security.
Enabling conf serve-cgi-bin.
Enabling site 000-default.
invoke-rc.d: could not determine current runlevel
invoke-rc.d: policy-rc.d denied execution of start.
Processing triggers for libc-bin (2.31-0ubuntu9.7) ...
Processing triggers for ca-certificates (20210119~20.04.2) ...
Updating certificates in /etc/ssl/certs...
0 added, 0 removed; done.
Running hooks in /etc/ca-certificates/update.d...
done.
root@51e1e4d53d8e:/# service apache2 status
* apache2 is not running
root@51e1e4d53d8e:/# service apache2 start
* Starting Apache httpd web server apache2
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.17.0.2. Set the 'ServerName' directive globally to suppress this message
*
root@51e1e4d53d8e:/# service apache2 status
* apache2 is running
root@51e1e4d53d8e:/# exit
```







ubuntu

## Apache2 Ubuntu 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
| |-- *.conf
```



ubuntu

## Apache2 Ubuntu 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

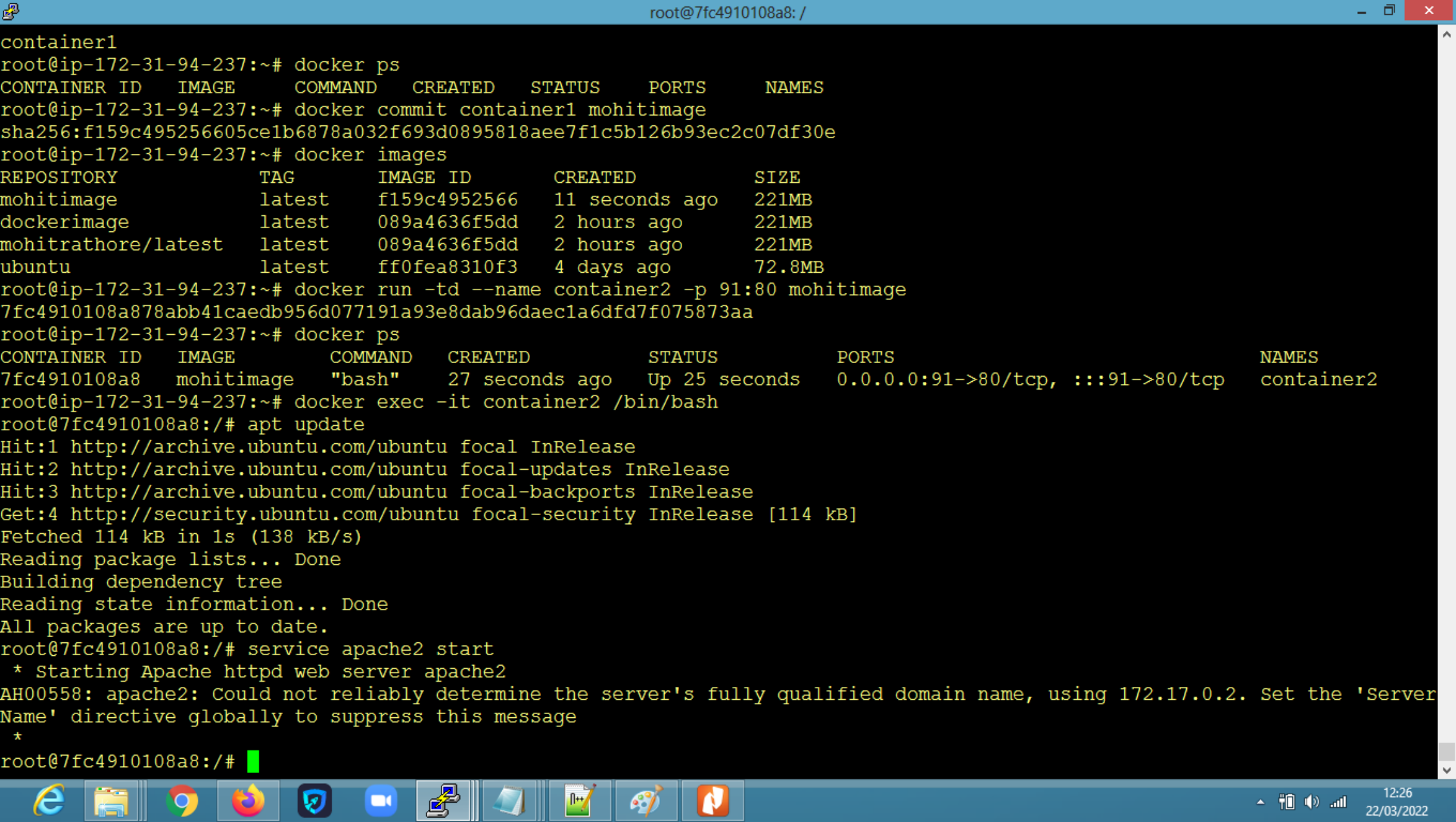
Ubuntu's Apache2 default configuration is different from the upstream default configuration, and split into several files optimized for interaction with Ubuntu tools. The configuration system is **fully documented in `/usr/share/doc/apache2/README.Debian.gz`**. Refer to this for the full documentation. 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
| |-- *.conf
```

```
root@ip-172-31-94-237:~# docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
51e1e4d53d8e ubuntu "bash" 22 minutes ago Up 22 minutes 0.0.0.0:90->80/tcp, :::90->80/tcp container1
root@ip-172-31-94-237:~# docker stop container1
container1
root@ip-172-31-94-237:~# docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
root@ip-172-31-94-237:~# docker commit container1 mohitimage
sha256:f159c495256605ce1b6878a032f693d0895818aee7f1c5b126b93ec2c07df30e
root@ip-172-31-94-237:~# docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
mohitimage latest f159c4952566 11 seconds ago 221MB
dockerimage latest 089a4636f5dd 2 hours ago 221MB
mohitrathore/latest latest 089a4636f5dd 2 hours ago 221MB
ubuntu latest ff0fea8310f3 4 days ago 72.8MB
root@ip-172-31-94-237:~# docker run -td --name container2 -p 91:80 mohitimage
7fc4910108a878abb41caedb956d077191a93e8dab96daec1a6dfd7f075873aa
root@ip-172-31-94-237:~# docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
7fc4910108a8 mohitimage "bash" 27 seconds ago Up 25 seconds 0.0.0.0:91->80/tcp, :::91->80/tcp container2
root@ip-172-31-94-237:~# docker exec -it container2 /bin/bash
root@7fc4910108a8:/# apt update
```





```
container1
root@ip-172-31-94-237:~# docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
root@ip-172-31-94-237:~# docker commit container1 mohitimage
sha256:f159c495256605ce1b6878a032f693d0895818aee7f1c5b126b93ec2c07df30e
root@ip-172-31-94-237:~# docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
mohitimage latest f159c4952566 11 seconds ago 221MB
dockerimage latest 089a4636f5dd 2 hours ago 221MB
mohitrathore/latest latest 089a4636f5dd 2 hours ago 221MB
ubuntu latest ff0fea8310f3 4 days ago 72.8MB
root@ip-172-31-94-237:~# docker run -td --name container2 -p 91:80 mohitimage
7fc4910108a878abb41caedb956d077191a93e8dab96daec1a6dfd7f075873aa
root@ip-172-31-94-237:~# docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
7fc4910108a8 mohitimage "bash" 27 seconds ago Up 25 seconds 0.0.0.0:91->80/tcp, :::91->80/tcp container2
root@ip-172-31-94-237:~# docker exec -it container2 /bin/bash
root@7fc4910108a8:/# apt update
Hit:1 http://archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:3 http://archive.ubuntu.com/ubuntu focal-backports InRelease
Get:4 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Fetched 114 kB in 1s (138 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
All packages are up to date.
root@7fc4910108a8:/# service apache2 start
* Starting Apache httpd web server apache2
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.17.0.2. Set the 'Server
Name' directive globally to suppress this message
*
root@7fc4910108a8:/#
```



ubuntu

## Apache2 Ubuntu 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.

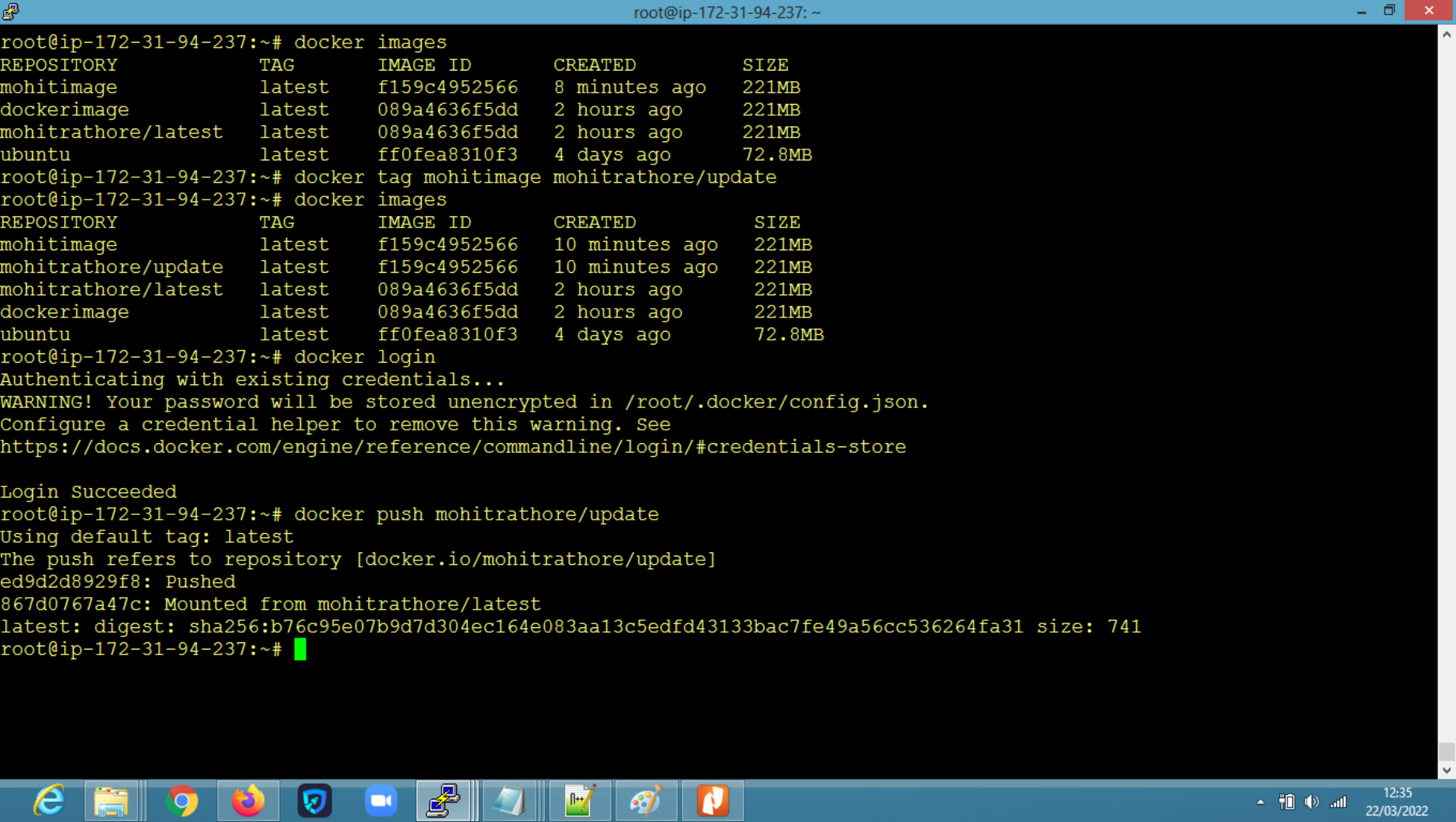
If you are a normal user of this web site and don't know what this page is about, this probably means that the site is currently unavailable due to maintenance. If the problem persists, please contact the site's administrator.

### 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
| |-- *.conf
```



Inbox (16,09)

Instances | E

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Apache Tom

WhatsApp

Docker H X

Apache2 Ubuntu

PNG to PDF

png2pdf.pdf

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+

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🔒


https://hub.docker.com/repositories

☆

📧

📄

☰



docker hub

🔍

Search for great content (e.g., mysql)


Explore

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Organizations

Help ▾

Upgrade

 mohitrathore ▾

mohitrathore

▾

🔍

Search by repository name

Create Repository

mohitrathore / **update**

Last pushed: a minute ago

🛡️ Not Scanned

☆ 0

📶 0

🔓 Public

mohitrathore / **latest**

Last pushed: an hour ago

🛡️ Not Scanned

☆ 0

📶 1

🔓 Public

mohitrathore / **project1**


Last pushed: 21 days ago

🛡️ Not Scanned

☆ 0











📶 1

🔓 Public



Tip: Not finding your repository? Try switching namespace via the top left dropdown.

https://hub.docker.com/repository/docker/mohitrathore/update



12:36

22/03/2022





```
[root@ip-172-31-44-96 ~]# docker pull mohitrathore/update
```

```
Using default tag: latest
```

```
latest: Pulling from mohitrathore/update
```

```
Digest: sha256:b76c95e07b9d7d304ec164e083aa13c5edfd43133bac7fe49a56cc536264fa31
```

```
Status: Image is up to date for mohitrathore/update:latest
```

```
docker.io/mohitrathore/update:latest
```

```
[root@ip-172-31-44-96 ~]# docker images
```

| REPOSITORY            | TAG    | IMAGE ID     | CREATED           | SIZE   |
|-----------------------|--------|--------------|-------------------|--------|
| mohitrathore/update   | latest | f159c4952566 | About an hour ago | 221MB  |
| mohitrathore/latest   | latest | 089a4636f5dd | 3 hours ago       | 221MB  |
| mohitrathore/project1 | latest | 75e4a4f419b9 | 3 weeks ago       | 72.8MB |
| image1                | latest | 75e4a4f419b9 | 3 weeks ago       | 72.8MB |
| ubuntu                | latest | 54c9d81cbb44 | 6 weeks ago       | 72.8MB |

```
[root@ip-172-31-44-96 ~]# docker run -td --name container4 -p 80:80 mohitrathore/update
```

```
a5ce0faf6a8bf0ae4055fc4654762cb8096e7823cc7ac33beb67a49597c09501
```

```
[root@ip-172-31-44-96 ~]# docker ps
```

| CONTAINER ID | IMAGE               | COMMAND | CREATED       | STATUS       | PORTS                             | NAMES      |
|--------------|---------------------|---------|---------------|--------------|-----------------------------------|------------|
| a5ce0faf6a8b | mohitrathore/update | "bash"  | 7 seconds ago | Up 6 seconds | 0.0.0.0:80->80/tcp, :::80->80/tcp | container4 |

```
[root@ip-172-31-44-96 ~]# docker exec -it container4 /bin/bash
```

```
root@a5ce0faf6a8b:/# apt update
```

```
Get:1 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
```

```
Hit:2 http://archive.ubuntu.com/ubuntu focal InRelease
```

```
Get:3 http://archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
```

```
Get:4 http://archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
```

```
Get:5 http://archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 Packages [30.3 kB]
```

```
Fetched 366 kB in 1s (550 kB/s)
```

```
Reading package lists... Done
```

```
Building dependency tree
```

```
Reading state information... Done
```

```
All packages are up to date.
```


```
root@a5ce0faf6a8b:/# service apache2 status
```

```
* apache2 is not running
```




```
root@a5ce0faf6a8b: /
mohitrathore/update latest f159c4952566 About an hour ago 221MB
mohitrathore/latest latest 089a4636f5dd 3 hours ago 221MB
mohitrathore/project1 latest 75e4a4f419b9 3 weeks ago 72.8MB
image1 latest 75e4a4f419b9 3 weeks ago 72.8MB
ubuntu latest 54c9d81cbb44 6 weeks ago 72.8MB
[root@ip-172-31-44-96 ~]# docker run -td --name container4 -p 80:80 mohitrathore/update
a5ce0faf6a8bf0ae4055fc4654762cb8096e7823cc7ac33beb67a49597c09501
[root@ip-172-31-44-96 ~]# docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
a5ce0faf6a8b mohitrathore/update "bash" 7 seconds ago Up 6 seconds 0.0.0.0:80->80/tcp, :::80->80/tcp containe
r4
[root@ip-172-31-44-96 ~]# docker exec -it container4 /bin/bash
root@a5ce0faf6a8b:/# apt update
Get:1 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Hit:2 http://archive.ubuntu.com/ubuntu focal InRelease
Get:3 http://archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:4 http://archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:5 http://archive.ubuntu.com/ubuntu focal-updates/multiverse amd64 Packages [30.3 kB]
Fetched 366 kB in 1s (550 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
All packages are up to date.
root@a5ce0faf6a8b:/# service apache2 status
* apache2 is not running
root@a5ce0faf6a8b:/# service apache2 start
* Starting Apache httpd web server apache2
AH00558: apache2: Could not reliably determine the server's fully qualified domain name, using 172.17.0.2. Set the 'Server
Name' directive globally to suppress this message
*
root@a5ce0faf6a8b:/# service apache2 status
* apache2 is running
root@a5ce0faf6a8b:/# exit
```





New EC2 Experience

Tell us what you think




EC2 Dashboard

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| Name                                       | Instance ID         | Instance state | Instance type | Status check      | Alarm status | Availability Zone |
|--------------------------------------------|---------------------|----------------|---------------|-------------------|--------------|-------------------|
| SonarQ-Apache                              | i-06301517426ca1517 | Stopped        | t2.small      | -                 | No alarms    | us-east-1d        |
| <input checked="" type="checkbox"/> Docker | i-063a1a348b7acabae | Running        | t2.micro      | 2/2 checks passed | No alarms    | us-east-1a        |
| master-server                              | i-0c0d9c3d7cbb42ed7 | Stopped        | t2.micro      | -                 | No alarms    | us-east-1c        |
| test-server                                | i-0b1904a015fe862c2 | Stopped        | t2.micro      | -                 | No alarms    | us-east-1c        |
| prod-server                                | i-09f4339ed6d4625c6 | Stopped        | t2.micro      | -                 | No alarms    | us-east-1c        |

---

### Instance: i-063a1a348b7acabae (Docker)

- Details | Security | Networking | Storage | Status checks | Monitoring | Tags

**▼ Instance summary** [Info](#)

Instance ID

i-063a1a348b7acabae (Docker)

IPv6 address

-

Public IPv4 address copied

107.21.18.23 | [open address ↗](#)

Instance state

Running

Private IPv4 addresses

172.31.44.96

Public IPv4 DNS

ec2-107-21-18-23.compute-



ubuntu

## Apache2 Ubuntu 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
| |-- *.conf
```

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**Instances** (1/2) [Info](#)

Search

|                                     | Name ▾       | Instance ID         | Instance state ▾ | Instance type ▾ | Status check      | Alarm status | Availability Zone |
|-------------------------------------|--------------|---------------------|------------------|-----------------|-------------------|--------------|-------------------|
| <input type="checkbox"/>            | NagiosServer | i-0706a3b62b5fea63a | Stopped          | t2.micro        | –                 | No alarms    | us-east-2b        |
| <input checked="" type="checkbox"/> | AnsibleNode2 | i-0d8eac04e9843e954 | Running          | t2.micro        | 2/2 checks passed | No alarms    | us-east-2b        |

**Instance: i-0d8eac04e9843e954 (AnsibleNode2)**

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

▼ Instance summary

Info

Instance ID

i-0d8eac04e9843e954 (AnsibleNode2)

18.118.241.140 | [open address](#)

IPv6 address

—

Instance state

Running

Private IPv4 addresses

172.31.27.208

Public IPv4 DNS

ec2-18-118-241-140.us-east-2.compute.amazonaws.com | [open address](#)

Public IPv4 address copied





```
[ec2-user@ip-172-31-27-208 ~]$ sudo su -
[root@ip-172-31-27-208 ~]# yum update -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
No packages marked for update
[root@ip-172-31-27-208 ~]#
[root@ip-172-31-27-208 ~]# yum install docker.io -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
No package docker.io available.
Error: Nothing to do
[root@ip-172-31-27-208 ~]# yum install docker -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
---> Package docker.x86_64 0:20.10.7-5.amzn2 will be installed
--> Processing Dependency: runc >= 1.0.0 for package: docker-20.10.7-5.amzn2.x86_64
--> Processing Dependency: libcgrouper >= 0.40.rc1-5.15 for package: docker-20.10.7-5.amzn2.x86_64
--> Processing Dependency: containerd >= 1.3.2 for package: docker-20.10.7-5.amzn2.x86_64
--> Processing Dependency: pigz for package: docker-20.10.7-5.amzn2.x86_64
--> Running transaction check
---> Package containerd.x86_64 0:1.4.6-8.amzn2 will be installed
---> Package libcgrouper.x86_64 0:0.41-21.amzn2 will be installed
---> Package pigz.x86_64 0:2.3.4-1.amzn2.0.1 will be installed
---> Package runc.x86_64 0:1.0.0-2.amzn2 will be installed
--> Finished Dependency Resolution
```

Dependencies Resolved

```
=====
```

| Package | Arch | Version | Repository | Size |
|---------|------|---------|------------|------|
|---------|------|---------|------------|------|

```
=====
```



```
root@a3a67dc40b99: /
[root@ip-172-31-27-208 ~]# service docker start
Redirecting to /bin/systemctl start docker.service
[root@ip-172-31-27-208 ~]# service docker status
Redirecting to /bin/systemctl status docker.service
● docker.service - Docker Application Container Engine
 Loaded: loaded (/usr/lib/systemd/system/docker.service; disabled; vendor preset: disabled)
 Active: active (running) since Tue 2022-03-22 11:00:31 UTC; 4s ago
 Docs: https://docs.docker.com
 Process: 3466 ExecStartPre=/usr/libexec/docker/docker-setup-runtimes.sh (code=exited, status=0/SUCCESS)
 Process: 3465 ExecStartPre=/bin/mkdir -p /run/docker (code=exited, status=0/SUCCESS)
 Main PID: 3469 (dockerd)
 Tasks: 7
 Memory: 37.2M
 CGroup: /system.slice/docker.service
 └─3469 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/cont...

Mar 22 11:00:31 ip-172-31-27-208.us-east-2.compute.internal dockerd[3469]: ti...
Mar 22 11:00:31 ip-172-31-27-208.us-east-2.compute.internal dockerd[3469]: ti...
Mar 22 11:00:31 ip-172-31-27-208.us-east-2.compute.internal dockerd[3469]: ti...
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Mar 22 11:00:31 ip-172-31-27-208.us-east-2.compute.internal dockerd[3469]: ti...
Mar 22 11:00:31 ip-172-31-27-208.us-east-2.compute.internal dockerd[3469]: ti...
Mar 22 11:00:31 ip-172-31-27-208.us-east-2.compute.internal dockerd[3469]: ti...
Mar 22 11:00:31 ip-172-31-27-208.us-east-2.compute.internal systemd[1]: Start...
Mar 22 11:00:31 ip-172-31-27-208.us-east-2.compute.internal dockerd[3469]: ti...
Hint: Some lines were ellipsized, use -l to show in full.
[root@ip-172-31-27-208 ~]#
[root@ip-172-31-27-208 ~]# ls
[root@ip-172-31-27-208 ~]# vi Dockerfile
```

```
[root@ip-172-31-27-208 ~]# vi Dockerfile
[root@ip-172-31-27-208 ~]# ls
Dockerfile
[root@ip-172-31-27-208 ~]# which apache2
/usr/bin/which: no apache2 in (/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin
:/root/bin)
[root@ip-172-31-27-208 ~]# docker build -t myimg .
Sending build context to Docker daemon 10.75kB
Step 1/7 : FROM ubuntu
latest: Pulling from library/ubuntu
4d32b49e2995: Pull complete
Digest: sha256:bea6d19168bbfd6af8d77c2cc3c572114eb5d113e6f422573c93cb605a0e2ffb
Status: Downloaded newer image for ubuntu:latest
---> ff0fea8310f3
Step 2/7 : RUN apt-get update
---> Running in 82736b0cb67c
Get:1 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:2 http://archive.ubuntu.com/ubuntu focal InRelease [265 kB]
Get:3 http://security.ubuntu.com/ubuntu focal-security/restricted amd64 Packages
[1054 kB]
Get:4 http://archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:5 http://archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:6 http://security.ubuntu.com/ubuntu focal-security/main amd64 Packages [1673
kB]
Get:7 http://archive.ubuntu.com/ubuntu focal/universe amd64 Packages [11.3 MB]
Get:8 http://security.ubuntu.com/ubuntu focal-security/universe amd64 Packages [
859 kB]
Get:9 http://security.ubuntu.com/ubuntu focal-security/multiverse amd64 Packages
[25.8 kB]
Get:10 http://archive.ubuntu.com/ubuntu focal/main amd64 Packages [1275 kB]
Get:11 http://archive.ubuntu.com/ubuntu focal/restricted amd64 Packages [33.4 kB
]
Get:12 http://archive.ubuntu.com/ubuntu focal/multiverse amd64 Packages [177 kB]
```



```
---> Running in 692a571832c5
Removing intermediate container 692a571832c5
---> 8f3870db4755
Successfully built 8f3870db4755
Successfully tagged myimg:latest
[root@ip-172-31-27-208 ~]# docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
myimg latest 8f3870db4755 11 seconds ago 222MB
ubuntu latest ff0fea8310f3 4 days ago 72.8MB
[root@ip-172-31-27-208 ~]# docker run -td --name mycont -p 81:80 myimg
a3a67dc40b99a1dd6419b441b2c5fbd993c82968654e10d0ee8d4a7567629c9d
[root@ip-172-31-27-208 ~]# docker ps
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS
a3a67dc40b99 myimg "/bin/sh -c 'apachec... 9 seconds ago Up 8 seconds 0.0.0.0:81->80/tcp
, :::81->80/tcp mycont
[root@ip-172-31-27-208 ~]# docker exec -it mycont /bin/bash
root@a3a67dc40b99:/# apt update
Hit:1 http://archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:3 http://archive.ubuntu.com/ubuntu focal-backports InRelease
Hit:4 http://security.ubuntu.com/ubuntu focal-security InRelease
Reading package lists... Done
Building dependency tree
Reading state information... Done
All packages are up to date.
root@a3a67dc40b99:/# service apache2 status
* apache2 is running
root@a3a67dc40b99:/# history
1 apt update
2 service apache2 status
3 history
root@a3a67dc40b99:/#
```





ubuntu

## Apache2 Ubuntu Default Page

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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.

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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
| |-- *.conf
```

```
root@a3a67dc40b99:/# exit
exit
[root@ip-172-31-27-208 ~]# ls
Dockerfile
[root@ip-172-31-27-208 ~]# cat Dockerfile
FROM ubuntu
RUN apt-get update
RUN DEBIAN_FRONTEND="noninteractive" apt-get -y install tzdata
RUN apt-get -y install apache2
ADD . /var/www/html
ENTRYPOINT apachectl -D FOREGROUND
ENV name mohit
[root@ip-172-31-27-208 ~]# history
 1 yum update -y
 2 yum install docker.io -y
 3 yum install docker -y
 4 docker --version
 5 service docker status
 6 service docker start
 7 service docker status
 8 ls
 9 vi Dockerfile
10 ls
11 which apache2
12 docker build -t myimg .
13 docker images
14 docker run -td --name mycont -p 81:80 myimg
15 docker ps
16 docker exec -it mycont /bin/bash
17 ls
18 cat Dockerfile
19 history
[root@ip-172-31-27-208 ~]#
```

aws

Services

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Ohio

aarambh-user1 @ 3425-0804-7718

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Dedicated Hosts

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Images

AMIs

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Instances (1/2)

Info

Connect

Instance state

Actions

Launch instances

Search

|                                     | Name         | Instance ID         | Instance state | Instance type | Status check      | Alarm status | Availability Zone |
|-------------------------------------|--------------|---------------------|----------------|---------------|-------------------|--------------|-------------------|
| <input type="checkbox"/>            | NagiosServer | i-0706a3b62b5fea63a | Stopped        | t2.micro      | -                 | No alarms    | us-east-2b        |
| <input checked="" type="checkbox"/> | AnsibleNode2 | i-0d8eac04e9843e954 | Running        | t2.micro      | 2/2 checks passed | No alarms    | us-east-2b        |

Instance: i-0d8eac04e9843e954 (AnsibleNode2)

Details

Security

Networking

Storage

Status checks

Monitoring

Tags

Instance summary

Info

Instance ID

i-0d8eac04e9843e954 (AnsibleNode2)

IPv6 address

-

Public IPv4 address

copied

Private IPv4 addresses

172.31.27.208

Instance state

Running

Public IPv4 DNS

ec2-18-118-241-140.us-east-2.compute.amazonaws.com

Feedback

English (US)

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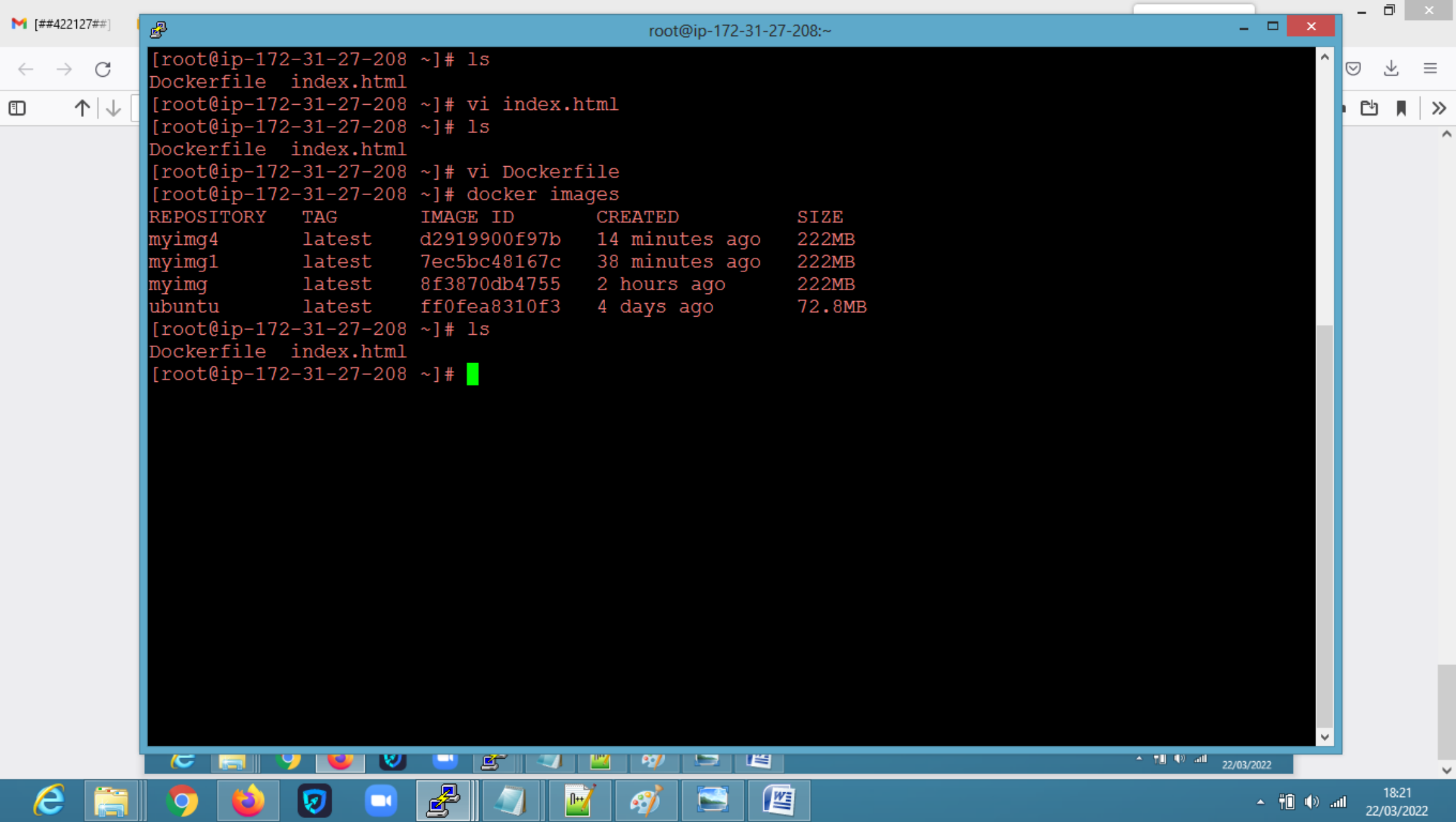
Privacy

Terms

Cookie preferences

18:04

22/03/2022



root@ip-172-31-27-208:~

[root@ip-172-31-27-208 ~]# ls

Dockerfile index.html

[root@ip-172-31-27-208 ~]# vi index.html

[root@ip-172-31-27-208 ~]# ls

Dockerfile index.html

[root@ip-172-31-27-208 ~]# vi Dockerfile

[root@ip-172-31-27-208 ~]# docker images

| REPOSITORY | TAG    | IMAGE ID     | CREATED        | SIZE   |
|------------|--------|--------------|----------------|--------|
| myimg4     | latest | d2919900f97b | 14 minutes ago | 222MB  |
| myimg1     | latest | 7ec5bc48167c | 38 minutes ago | 222MB  |
| myimg      | latest | 8f3870db4755 | 2 hours ago    | 222MB  |
| ubuntu     | latest | ff0fea8310f3 | 4 days ago     | 72.8MB |

[root@ip-172-31-27-208 ~]# ls

Dockerfile index.html

[root@ip-172-31-27-208 ~]#

```
my name is rathore.
```



```
[root@ip-172-31-27-208 ~]# vi Dockerfile
```

```
FROM ubuntu
```

```
RUN apt-get update
```

```
RUN DEBIAN_FRONTEND="noninteractive" apt-get -y install tzdata
```

```
RUN apt-get -y install apache2
```

```
COPY index.html /var/www/html
```

```
ADD . /var/www/html
```

```
ENTRYPOINT apache2ctl -D FOREGROUND
```

```
ENV name Aaramb
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```
[root@ip-172-31-27-208 ~]# vi Dockerfile
[root@ip-172-31-27-208 ~]# docker build -t myimg4 .
Sending build context to Docker daemon 14.85kB
Step 1/8 : FROM ubuntu
---> ff0fea8310f3
Step 2/8 : RUN apt-get update
---> Using cache
---> adeadb956fb
Step 3/8 : RUN DEBIAN_FRONTEND="noninteractive" apt-get -y install tzdata
---> Using cache
---> 7a84d64db318
Step 4/8 : RUN apt-get -y install apache2
---> Using cache
---> d96054d40f5e
Step 5/8 : COPY index.html /var/www/html
---> 495e1317d788
Step 6/8 : ADD . /var/www/html
---> 2b2cef8519d7
Step 7/8 : ENTRYPOINT apachectl -D FOREGROUND
---> Running in efd38e210d3c
Removing intermediate container efd38e210d3c
---> 88fae3fa60d8
Step 8/8 : ENV name Aarambh
---> Running in 9e351721bf35
Removing intermediate container 9e351721bf35
---> d2919900f97b
Successfully built d2919900f97b
Successfully tagged myimg4:latest
[root@ip-172-31-27-208 ~]# docker images
```

| REPOSITORY | TAG    | IMAGE ID     | CREATED           | SIZE  |
|------------|--------|--------------|-------------------|-------|
| myimg4     | latest | d2919900f97b | 26 seconds ago    | 222MB |
| myimg1     | latest | 7ec5bc48167c | 25 minutes ago    | 222MB |
| myimg      | latest | 8f3870db4755 | About an hour ago | 222MB |



```
Step 8/8 : ENV name Aarambh
---> Running in 9e351721bf35
Removing intermediate container 9e351721bf35
---> d2919900f97b
Successfully built d2919900f97b
Successfully tagged myimg4:latest
[root@ip-172-31-27-208 ~]# docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
myimg4 latest d2919900f97b 26 seconds ago 222MB
myimg1 latest 7ec5bc48167c 25 minutes ago 222MB
myimg latest 8f3870db4755 About an hour ago 222MB
ubuntu latest ff0fea8310f3 4 days ago 72.8MB
[root@ip-172-31-27-208 ~]# docker run -td --name mycont4 -p 84:80 myimg4
2c9cec78e54b254a59905bc86166b72f21588339c4514a1e9d5635b3d6a12ea9
[root@ip-172-31-27-208 ~]# docker exec -it mycont4 /bin/bash
root@2c9cec78e54b:/# apt update
Hit:1 http://archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:3 http://security.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:4 http://archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Fetched 336 kB in 1s (648 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
All packages are up to date.
root@2c9cec78e54b:/# service apache2 status
* apache2 is running
root@2c9cec78e54b:/# cd /var/www/html/
root@2c9cec78e54b:/var/www/html# ls
Dockerfile index.html
root@2c9cec78e54b:/var/www/html# cat index.html
my name is rathore..
root@2c9cec78e54b:/var/www/html# exit
```



