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

aws Services Search for services, features, blogs, docs, and more [Alt+S] N. Virginia ▼ aarambh-user1 @ 3425-0804-7718 ▼

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Launch Templates
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Reserved Instances New
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Scheduled Instances
Capacity Reservations

▼ Images

Instances (1/12) Info

Connect | Instance state ▼ | Actions ▼ | **Launch instances** ▼

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	Name ▼	Instance ID	Instance state ▼	Instance type ▼	Status check	Alarm status	Availability Z
☐	Ansible-web2	i-00454b618dd627246	✓ Running	t2.micro	✓ 2/2 checks passed	No alarms +	us-east-1c
☐	Ansible-Prod1	i-0bd588f2b4d79ee87	✓ Running	t2.micro	✓ 2/2 checks passed	No alarms +	us-east-1c
☑	Dock-Ansi-web1	i-0cafa27ef8d53ab50	✓ Running	t2.micro	✓ 2/2 checks passed	No alarms +	us-east-1c
☐	Git	i-01e4c1b270da63e0e	⊖ Stopped	t2.micro	–	No alarms +	us-east-1d
☐	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

✓ Public IPv4 address
copied

Instance ID
📋 i-0cafa27ef8d53ab50 (Dock-Ansi-web1)

IPv6 address
–

📋 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 ⧉

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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:bea6d19168bbfd6af8d77c2cc3c572114eb5d113e6f422573c93cb605a0e2ffb
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]
```

```
Configuring tzdata
------------------

Please select the geographic area in which you live. Subsequent configuration questions will narrow
this down by presenting a list of cities, representing the time zones in which they are located.

  1. Africa     3. Antarctica  5. Arctic    7. Atlantic  9. Indian    11. SystemV  13. Etc
  2. America    4. Australia   6. Asia      8. Europe   10. Pacific   12. US
Geographic area: 6

Please select the city or region corresponding to your time zone.

  1. Aden          19. Chongqing     37. Jerusalem     55. Novokuznetsk  73. Taipei
  2. Almaty        20. Colombo       38. Kabul         56. Novosibirsk   74. Tashkent
  3. Amman         21. Damascus      39. Kamchatka     57. Omsk          75. Tbilisi
  4. Anadyr        22. Dhaka         40. Karachi       58. Oral          76. Tehran
  5. Aqtau         23. Dili          41. Kashgar       59. Phnom_Penh    77. Tel_Aviv
  6. Aqtobe        24. Dubai         42. Kathmandu     60. Pontianak     78. Thimphu
  7. Ashgabat      25. Dushanbe      43. Khandyga      61. Pyongyang     79. Tokyo
  8. Atyrau        26. Famagusta     44. Kolkata       62. Qatar         80. Tomsk
  9. Baghdad       27. Gaza          45. Krasnoyarsk   63. Qostanay      81. Ujung_Pandang
 10. Bahrain       28. Harbin        46. Kuala_Lumpur  64. Qyzylorda     82. Ulaanbaatar
 11. Baku          29. Hebron        47. Kuching       65. Rangoon       83. Urumqi
 12. Bangkok       30. Ho_Chi_Minh   48. Kuwait        66. Riyadh        84. Ust-Nera
 13. Barnaul       31. Hong_Kong     49. Macau         67. Sakhalin      85. Vientiane
 14. Beirut        32. Hovd          50. Magadan       68. Samarkand     86. Vladivostok
 15. Bishkek       33. Irkutsk       51. Makassar      69. Seoul         87. Yakutsk
 16. Brunei        34. Istanbul      52. Manila        70. Shanghai      88. Yangon
 17. Chita         35. Jakarta       53. Muscat        71. Singapore     89. Yekaterinburg
 18. Choibalsan    36. Jayapura      54. Nicosia       72. Srednekolymsk 90. Yerevan
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 'Server
Name' directive globally to suppress this message
 *
root@51e1e4d53d8e:/# service apache2 status
 * apache2 is running
root@51e1e4d53d8e:/# exit
```

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
```