

Install Web Server (Apache) on Linux

Check Java version

```
ec2-user@ip-172-31-32-88:~  
[ec2-user@ip-172-31-32-88 ~]$ java -version  
java version "1.7.0_231"  
OpenJDK Runtime Environment (amzn-2.6.19.1.80.amzn1-x86_64 u231-b01)  
OpenJDK 64-Bit Server VM (build 24.231-b01, mixed mode)  
[ec2-user@ip-172-31-32-88 ~]$
```

Install Apache server

Run following commands

```
sudo -i  
yum install httpd -y  
service httpd start  
chkconfig httpd on
```

Install Apache

```
[ec2-user@ip-172-31-32-88 ~]$ sudo -i  
[root@ip-172-31-32-88 ~]# yum install httpd -y  
Loaded plugins: priorities, update-motd, upgrade-helper  
amzn-main | 2.1 kB 00:00:00  
amzn-updates | 2.5 kB 00:00:00  
Resolving Dependencies  
--> Running transaction check  
---> Package httpd.x86_64 0:2.2.34-1.16.amzn1 will be installed  
--> Processing Dependency: httpd-tools = 2.2.34-1.16.amzn1 for package: httpd-2.2.34-1.16.amzn1.x86_64
```

...

```
Verifying : apr-util-ldap-1.5.4-6.18.amzn1.x86_64 5/5  
Installed:  
httpd.x86_64 0:2.2.34-1.16.amzn1  
Dependency Installed:  
apr.x86_64 0:1.5.2-5.13.amzn1 apr-util.x86_64 0:1.5.4-6.18.amzn1 apr-util-ldap.x86_64 0:1.5.4-6.18.amzn1  
httpd-tools.x86_64 0:2.2.34-1.16.amzn1  
Complete!
```

Start httpd services

```
[root@ip-172-31-32-88 ~]# chkconfig httpd on
[root@ip-172-31-32-88 ~]# service httpd start
Starting httpd:
[root@ip-172-31-32-88 ~]# ps -ef | grep http
root      29461      1   0 07:09 ?        00:00:00 /usr/sbin/httpd
apache    29463  29461   0 07:09 ?        00:00:00 /usr/sbin/httpd
apache    29464  29461   0 07:09 ?        00:00:00 /usr/sbin/httpd
apache    29465  29461   0 07:09 ?        00:00:00 /usr/sbin/httpd
apache    29466  29461   0 07:09 ?        00:00:00 /usr/sbin/httpd
apache    29467  29461   0 07:09 ?        00:00:00 /usr/sbin/httpd
apache    29468  29461   0 07:09 ?        00:00:00 /usr/sbin/httpd
apache    29469  29461   0 07:09 ?        00:00:00 /usr/sbin/httpd
apache    29470  29461   0 07:09 ?        00:00:00 /usr/sbin/httpd
root      29487  29361   0 07:10 pts/0    00:00:00 grep --color=auto http
[root@ip-172-31-32-88 ~]#
```

Connect to Apache through internet



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Amazon Linux AMI Test Page

This page is used to test the proper operation of the Apache HTTP server after it has been installed. If you can read this page, it means that the Apache HTTP server installed at this site is working properly.

If you are a member of the general public:

The fact that you are seeing this page indicates that the website you just visited is either experiencing problems, or is undergoing routine maintenance.

If you would like to let the administrators of this website know that you've seen this page instead of the page you expected, you should send them e-mail. In general, mail sent to the name "webmaster" and directed to the website's domain should reach the appropriate person.

For example, if you experienced problems while visiting www.example.com, you should send e-mail to "webmaster@example.com".

For information on Amazon Linux AMI, please visit the [Amazon AWS website](http://aws.amazon.com).

If you are the website administrator:

You may now add content to the directory `/var/www/html/`. Note that until you do so, people visiting your website will see this page, and not your content. To prevent this page from ever being used, follow the instructions in the file `/etc/httpd/conf.d/welcome.conf`.

You are free to use the image below on web sites powered by the Apache HTTP Server:

