

```
cse@cse-HP-Pro-3090-MT: ~  
File Edit View Search Terminal Help  
cse@cse-HP-Pro-3090-MT:~$ sudo apt update
```

```
younis@younis-VirtualBox:~$ sudo apt-cache search tomcat  
[sudo] password for younis:  
resource-agents - Cluster Resource Agents  
libapache-mod-jk-doc - Documentation of libapache2-mod-jk package  
libapache2-mod-jk - Apache 2 connector for the Tomcat Java servlet engine  
libjnp-servlet-java - simple and convenient packaging format for JNP applications  
liblogback-java - Flexible logging library for Java  
liblogback-java-doc - Flexible logging library for Java - documentation  
libnetty-tcnative-java - Tomcat native fork for Netty  
libnetty-tcnative-jni - Tomcat native fork for Netty (JNI library)  
libsolr-java - Enterprise search server based on Lucene - Java libraries  
libspring-instrument-java - modular Java/J2EE application framework - instrumentation  
libtcnative-1 - Tomcat native library using the Apache Portable Runtime  
libtomcat9-embed-java - Apache Tomcat 9 - Servlet and JSP engine -- embed libraries  
libtomcat9-java - Apache Tomcat 9 - Servlet and JSP engine -- core libraries  
libtomcat9-jss-java - JSS implementation using JSS for Tomcat  
nagios-plugins-contrib - Plugins for nagios compatible monitoring systems  
python3-ajpy - Python module to craft AJP requests  
solr-common - Enterprise search server based on Lucene3 - common files  
solr-jetty - Enterprise search server based on Lucene3 - Jetty integration  
solr-tomcat - Enterprise search server based on Lucene3 - Tomcat integration  
tomcat9 - Apache Tomcat 9 - Servlet and JSP engine  
tomcat9-admin - Apache Tomcat 9 - Servlet and JSP engine -- admin web applications  
tomcat9-common - Apache Tomcat 9 - Servlet and JSP engine -- common files  
tomcat9-docs - Apache Tomcat 9 - Servlet and JSP engine -- documentation  
tomcat9-examples - Apache Tomcat 9 - Servlet and JSP engine -- example web applications  
tomcat9-user - Apache Tomcat 9 - Servlet and JSP engine -- tools to create user instances  
yasat - simple stupid audit tool  
younis@younis-VirtualBox:~$
```

```
younis@younis-VirtualBox:~$ sudo apt install tomcat9 tomcat9-admin  
Reading package lists... Done  
Building dependency tree  
Reading state information... Done  
The following additional packages will be installed:  
  ca-certificates-java default-jre-headless java-common libapril libeclipse-jdt-core-java libtcnative-1 libtomcat9-java  
  openjdk-11-jre-headless tomcat9-common  
Suggested packages:  
  default-jre fonts-dejavu-extra fonts-ipafont-gothic fonts-ipafont-mincho fonts-wqy-microhei | fonts-wqy-zenhei tomcat9-docs  
  tomcat9-examples tomcat9-user  
The following NEW packages will be installed:  
  ca-certificates-java default-jre-headless java-common libapril libeclipse-jdt-core-java libtcnative-1 libtomcat9-java  
  openjdk-11-jre-headless tomcat9 tomcat9-admin tomcat9-common  
0 upgraded, 11 newly installed, 0 to remove and 1 not upgraded.  
Need to get 49.8 MB of archives.  
After this operation, 186 MB of additional disk space will be used.  
Do you want to continue? [Y/n]
```

\$ ss -ltn

```
younis@younis-VirtualBox:~$ ss -ltn  
State      Recv-Q    Send-Q      Local Address:Port      Peer Address:Port      Process  
LISTEN     0          4096       127.0.0.53:lo:53         0.0.0.0:*  
LISTEN     0          5        127.0.0.1:631           0.0.0.0:*  
LISTEN     0          100        *:8080                  *:.*  
LISTEN     0          5        [::]:631                [::]:.*  
younis@younis-VirtualBox:~$
```

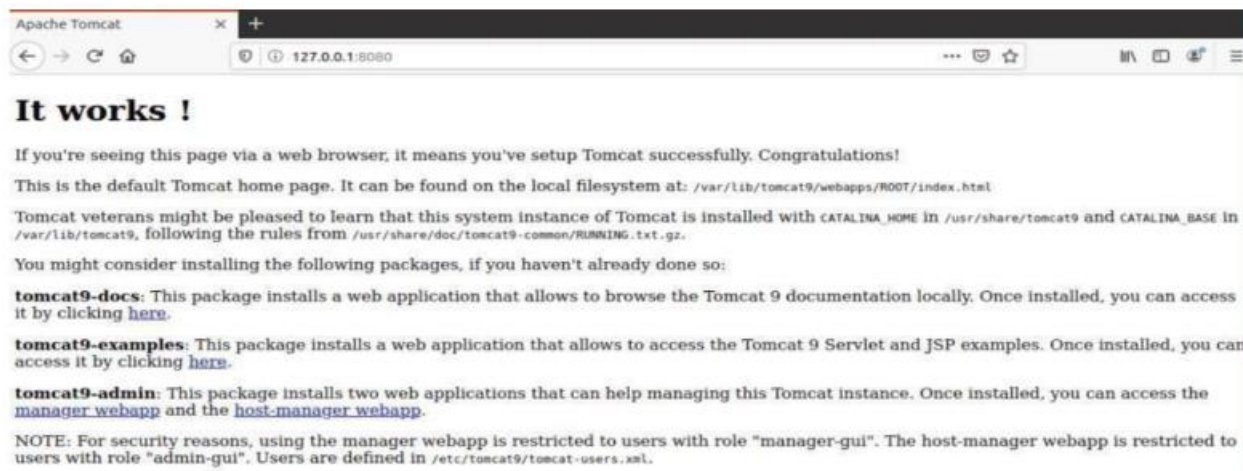
\$ sudo systemctl disable tomcat9

```
younis@younis-VirtualBox:~$ sudo systemctl enable tomcat9  
younis@younis-VirtualBox:~$ sudo systemctl disable tomcat9  
Removed /etc/systemd/system/multi-user.target.wants/tomcat9.service.  
younis@younis-VirtualBox:~$
```

```
$ sudo ufw allow from any to any port 8080 proto tcp
```

```
younis@younis-VirtualBox:~$ sudo ufw allow from any to any port 8080 proto tcp
Rules updated
Rules updated (v6)
younis@younis-VirtualBox:~$
```

```
example@example: ~/Downloads
File Edit View Search Terminal Help
example@example:~$ cd /home/example/Downloads
example@example:~/Downloads$
```





XAMPP Apache + MariaDB + PHP + Perl

What is XAMPP?

XAMPP is the most popular PHP development environment

XAMPP is a completely free, easy to install Apache distribution containing MariaDB, PHP, and Perl. The XAMPP open source package has been set up to be incredibly easy to install and to use.





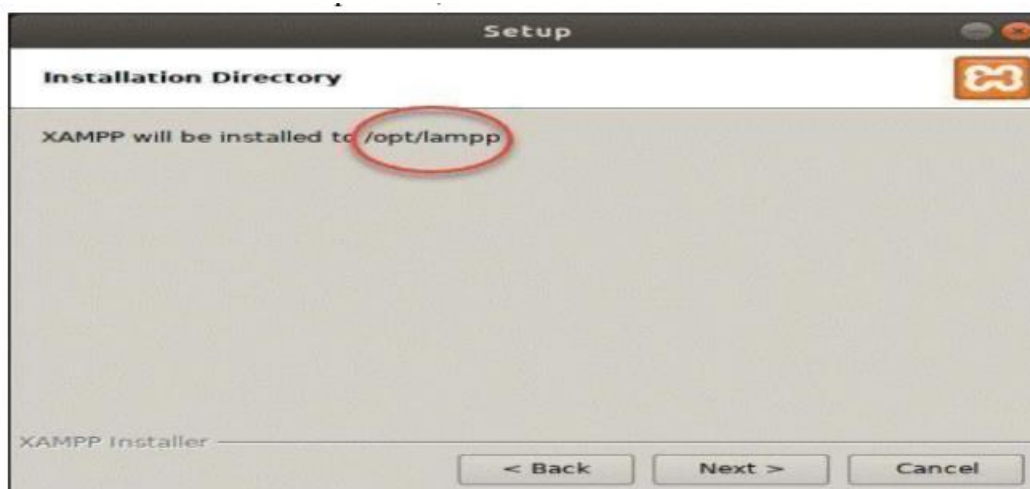
Download

Click here for other versions

 XAMPP for Windows
7.4.1 (PHP 7.4.1)

 XAMPP for Linux
7.4.1 (PHP 7.4.1)

 XAMPP for OS X
7.4.1 (PHP 7.4.1)

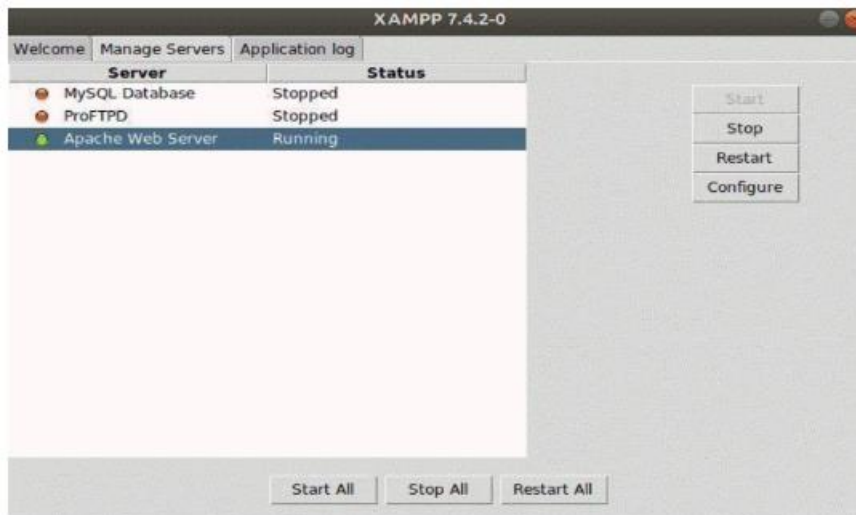



```
dejan@dejan-VirtualBox:~/Downloads$ sudo chmod 755 xampp-linux-x64-7.4.2-0-installer.run
dejan@dejan-VirtualBox:~/Downloads$ ls -l xampp-linux-x64-7.4.2-0-installer.run
-rwxr-xr-x 1 dejan dejan 158498068 Feb  6 14:47 xampp-linux-x64-7.4.2-0-installer.run
dejan@dejan-VirtualBox:~/Downloads$
```

```
dejan@dejan-VirtualBox:~$ cd /home/dejan/Downloads
dejan@dejan-VirtualBox:~/Downloads$ sudo ./xampp-linux-7.4.2-0-installer.run
```







Apache Friends
Applications
FAQs
HOW-TO Guides
PHPInfo
phpMyAdmin

XAMPP Apache + MariaDB + PHP + Perl

Welcome to XAMPP for Linux 7.4.2

You have successfully installed XAMPP on this system! Now you can start using Apache, MariaDB, PHP and other components. You can find more info in the [FAQs](#) section or check the [HOW-TO Guides](#) for getting started with PHP applications.

XAMPP is meant only for development purposes. It has certain configuration settings that make it easy to develop locally but that are insecure if you want to have your installation accessible to others. If you want have your XAMPP accessible from the internet, make sure you understand the implications and you checked the [FAQs](#) to learn how to protect your site. Alternatively you can use [WAMP](#), [MAMP](#) or [LAMP](#)

