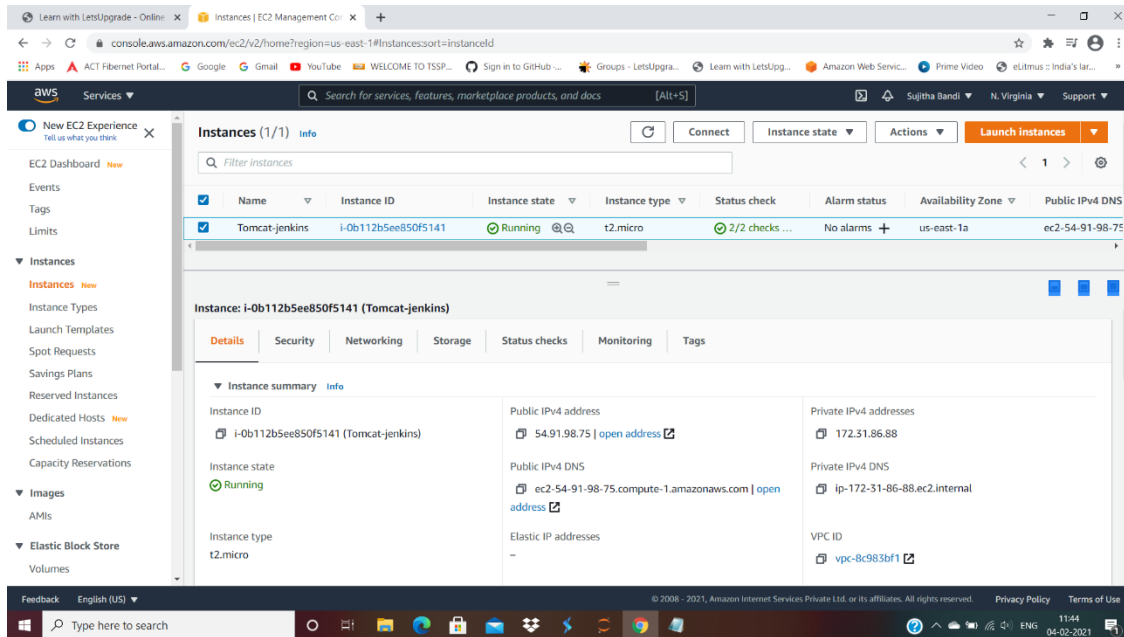


AWS Project 6

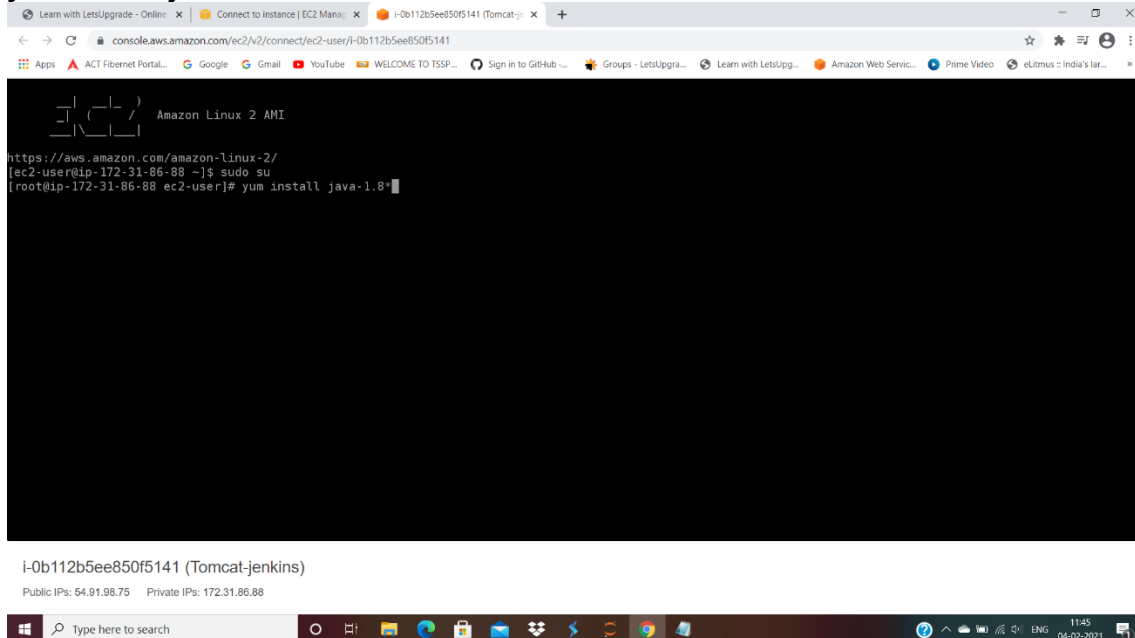
Installing and Configuring Apache tomcat server on Linux

Task 1: EC2 Linux Instance Created



Task 2: Install java

yum install java-1.8*



Learn with LetsUpgrade - Online | Connect to instance | EC2 Manas | i-Ob112b5ee850f5141 (Tomcat-jenkins)

console.aws.amazon.com/ec2/v2/connect/ec2-user/i-Ob112b5ee850f5141

Package	Architecture	Version	Size	Architecture	Size
libthai	x86_64	0.1.14-9.amzn2.0.2	187 k	amzn2-core	187 k
libwayland-client	x86_64	1.17.0-1.amzn2	34 k	amzn2-core	34 k
libwayland-server	x86_64	1.17.0-1.amzn2	40 k	amzn2-core	40 k
libxcb	x86_64	1.12-1.amzn2.0.2	216 k	amzn2-core	216 k
libxshmfence	x86_64	1.2-1.amzn2.0.2	7.2 k	amzn2-core	7.2 k
libxslt	x86_64	1.1.28-6.amzn2	240 k	amzn2-core	240 k
lkctp-tools	x86_64	1.0.17-2.amzn2.0.2	88 k	amzn2-core	88 k
mesa-libEGL	x86_64	18.3.4-5.amzn2.0.1	108 k	amzn2-core	108 k
mesa-libGL	x86_64	18.3.4-5.amzn2.0.1	162 k	amzn2-core	162 k
mesa-libgbm	x86_64	18.3.4-5.amzn2.0.1	38 k	amzn2-core	38 k
mesa-libglapi	x86_64	18.3.4-5.amzn2.0.1	45 k	amzn2-core	45 k
mozjs17	x86_64	17.0.0-20.amzn2.0.1	1.4 M	amzn2-core	1.4 M
pango	x86_64	1.42.4-4.amzn2	280 k	amzn2-core	280 k
pcsc-lite-libs	x86_64	1.8.8-7.amzn2	35 k	amzn2-core	35 k
pixman	x86_64	0.34.0-1.amzn2.0.2	254 k	amzn2-core	254 k
polkit	x86_64	0.112-26.amzn2	170 k	amzn2-core	170 k
polkit-pkla-compat	x86_64	0.1-4.amzn2.0.2	39 k	amzn2-core	39 k
python-javapackages	noarch	3.4.1-11.amzn2	31 k	amzn2-core	31 k
python-lxml	x86_64	3.2.1-4.amzn2.0.2	1.0 M	amzn2-core	1.0 M
ttmkfdir	x86_64	3.0.9-42.amzn2.0.2	50 k	amzn2-core	50 k
tzdata-java	noarch	2020d-2.amzn2	189 k	amzn2-core	189 k
xorg-x11-font-utils	x86_64	1:7.5-21.amzn2	103 k	amzn2-core	103 k
xorg-x11-fonts-Type1	noarch	7.5-9.amzn2	521 k	amzn2-core	521 k
xorg-x11-utils	x86_64	7.5-23.amzn2	114 k	amzn2-core	114 k

Transaction Summary

Install 16 Packages (+72 Dependent packages)

Total download size: 313 M

Installed size: 1.1 G

Is this ok [y/d/N]: y

i-Ob112b5ee850f5141 (Tomcat-jenkins)

Public IPs: 54.91.98.75 Private IPs: 172.31.86.88

Task 3: Install tomcat

“cd /opt”

“wget https://mirrors.estointernet.in/apache/tomcat/tomcat-8/v8.5.61/bin/apache-tomcat-8.5.61.tar.gz”

Learn with LetsUpgrade - Online | Connect to instance | EC2 Manas | i-Ob112b5ee850f5141 (Tomcat-jenkins) | Apache Tomcat - Apache Tomcat

console.aws.amazon.com/ec2/v2/connect/ec2-user/i-Ob112b5ee850f5141

```
libXau.x86_64 0:1.0.8-2.1.amzn2.0.2
libXdamage.x86_64 0:1.1.4-4.1.amzn2.0.2
libXft.x86_64 0:2.3.2-2.amzn2.0.2
libXrandr.x86_64 0:1.5.1-2.amzn2.0.3
libXv.x86_64 0:1.0.11-1.amzn2.0.2
libXxf86vm.x86_64 0:1.1.4-1.amzn2.0.2
libglvnd.x86_64 1:1.0.1-0.1.git5baa1e5.amzn2.0.1
libthai.x86_64 0:0.1.14-9.amzn2.0.2
libxcb.x86_64 0:1.12-1.amzn2.0.2
lkctp-tools.x86_64 0:1.0.17-2.amzn2.0.2
mesa-libGL.x86_64 0:18.3.4-5.amzn2.0.1
pango.x86_64 0:1.42.4-4.amzn2
polkit.x86_64 0:0.112-26.amzn2
python-lxml.x86_64 0:3.2.1-4.amzn2.0.2
xorg-x11-font-utils.x86_64 1:7.5-21.amzn2

libXcomposite.x86_64 0:0.4.4-1.amzn2.0.2
libXext.x86_64 0:1.3.3-3.amzn2.0.2
libXi.x86_64 0:1.7.9-1.amzn2.0.2
libXrender.x86_64 0:0.9.10-1.amzn2.0.2
libXxf86dga.x86_64 0:1.1.4-2.1.amzn2.0.2
libdmx.x86_64 0:1.1.3-3.amzn2.0.2
libglvnd-egl.x86_64 1:1.0.1-0.1.git5baa1e5.amzn2.0.1
libwayland-client.x86_64 0:1.17.0-1.amzn2
libxshmfence.x86_64 0:1.2-1.amzn2.0.2
mesa-libEGL.x86_64 0:18.3.4-5.amzn2.0.1
mesa-libglapi.x86_64 0:18.3.4-5.amzn2.0.1
pcsc-lite-libs.x86_64 0:1.8.8-7.amzn2
polkit-pkla-compat.x86_64 0:0.1-4.amzn2.0.2
ttmkfdir.x86_64 0:3.0.9-42.amzn2.0.2
xorg-x11-fonts-Type1.noarch 0:7.5-9.amzn2

libXcursor.x86_64 0:1.1.15-1.amzn2
libXfixes.x86_64 0:5.0.3-1.amzn2.0.2
libXinerama.x86_64 0:1.1.3-2.1.amzn2.0.2
libXtst.x86_64 0:1.2.3-1.amzn2.0.2
libXxf86misc.x86_64 0:1.0.3-7.1.amzn2.0.2
libfontenc.x86_64 0:1.1.3-3.amzn2.0.2
libglvnd-glx.x86_64 1:1.0.1-0.1.git5baa1e5.amzn2.0.1
libwayland-server.x86_64 0:1.17.0-1.amzn2
libxslt.x86_64 0:1.1.28-6.amzn2
mesa-libGL.x86_64 0:18.3.4-5.amzn2.0.1
mozjs17.x86_64 0:17.0.0-20.amzn2.0.1
pixman.x86_64 0:0.34.0-1.amzn2.0.2
python-javapackages.noarch 0:3.4.1-11.amzn2
tzdata-java.noarch 0:2020d-2.amzn2
xorg-x11-utils.x86_64 0:7.5-23.amzn2
```

Complete!

[root@ip-172-31-86-88 ec2-user]# cd /opt

opt

[root@ip-172-31-86-88 opt]# wget https://downloads.apache.org/tomcat/tomcat-9/v9.0.43/bin/apache-tomcat-9.0.43.tar.gz.asc

--2021-02-04 06:17:32-- https://downloads.apache.org/tomcat/tomcat-9/v9.0.43/bin/apache-tomcat-9.0.43.tar.gz.asc

Resolving downloads.apache.org (downloads.apache.org)... 88.99.95.219, 2a01:4f8:10a:201a::2

Connecting to downloads.apache.org (downloads.apache.org)|88.99.95.219|:443... connected.

HTTP request sent, awaiting response... 200 OK

Length: 849 [text/plain]

Saving to: 'apache-tomcat-9.0.43.tar.gz.asc'

100%[=====] 849 ...K/s in 0s

2021-02-04 06:17:32 (113 MB/s) - 'apache-tomcat-9.0.43.tar.gz.asc' saved [849/849]

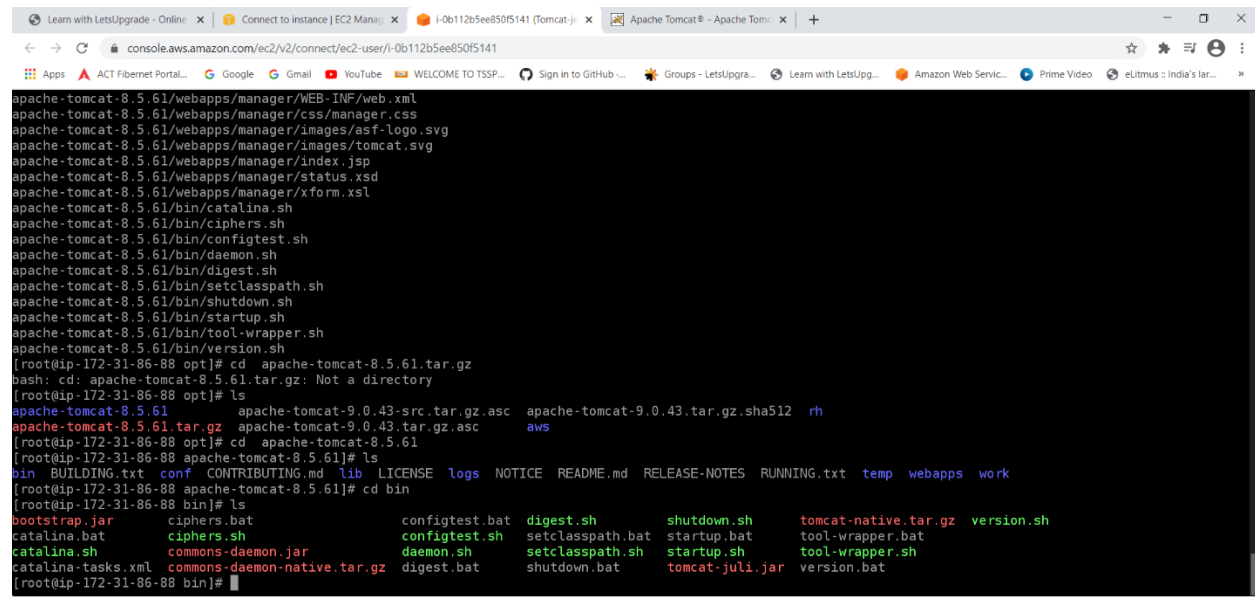
[root@ip-172-31-86-88 opt]#

i-Ob112b5ee850f5141 (Tomcat-jenkins)

Public IPs: 54.91.98.75 Private IPs: 172.31.86.88

“tar -zxvf apache-tomcat-8.5.61.tar.gz”

This command will directly unzip and extract the file followed by the file name (apache-tomcat-8.5.61.tar.gz)



```
apache-tomcat-8.5.61/webapps/manager/WEB-INF/web.xml
apache-tomcat-8.5.61/webapps/manager/css/manager.css
apache-tomcat-8.5.61/webapps/manager/images/asf-logo.svg
apache-tomcat-8.5.61/webapps/manager/images/tomcat.svg
apache-tomcat-8.5.61/webapps/manager/index.jsp
apache-tomcat-8.5.61/webapps/manager/status.xsd
apache-tomcat-8.5.61/webapps/manager/xform.xsl
apache-tomcat-8.5.61/bin/catalina.sh
apache-tomcat-8.5.61/bin/ciphers.sh
apache-tomcat-8.5.61/bin/configtest.sh
apache-tomcat-8.5.61/bin/daemon.sh
apache-tomcat-8.5.61/bin/digest.sh
apache-tomcat-8.5.61/bin/setclasspath.sh
apache-tomcat-8.5.61/bin/shutdown.sh
apache-tomcat-8.5.61/bin/startup.sh
apache-tomcat-8.5.61/bin/tool-wrapper.sh
apache-tomcat-8.5.61/bin/version.sh
[root@ip-172-31-86-88 opt]# cd apache-tomcat-8.5.61.tar.gz
bash: cd: apache-tomcat-8.5.61.tar.gz: Not a directory
[root@ip-172-31-86-88 opt]# ls
apache-tomcat-8.5.61      apache-tomcat-9.0.43-src.tar.gz.asc  apache-tomcat-9.0.43.tar.gz.sha512  rh
apache-tomcat-8.5.61.tar.gz  apache-tomcat-9.0.43.tar.gz.asc      aws
[root@ip-172-31-86-88 opt]# cd apache-tomcat-8.5.61
[root@ip-172-31-86-88 apache-tomcat-8.5.61]# ls
bin  BUILDING.txt  conf  CONTRIBUTING.md  lib  LICENSE  logs  NOTICE  README.md  RELEASE-NOTES  RUNNING.txt  temp  webapps  work
[root@ip-172-31-86-88 apache-tomcat-8.5.61]# cd bin
[root@ip-172-31-86-88 bin]# ls
bootstrap.jar      ciphers.bat      configtest.bat   digest.sh        shutdown.sh      tomcat-native.tar.gz  version.sh
catalina.bat      ciphers.sh       configtest.sh    setclasspath.bat startup.bat      tool-wrapper.bat     tool-wrapper.sh
catalina.sh       commons-daemon.jar  daemon.sh        shutdown.bat     tomcat-juli.jar  version.bat
catalina-tasks.xml commons-daemon-native.tar.gz digest.bat
[root@ip-172-31-86-88 bin]#
```

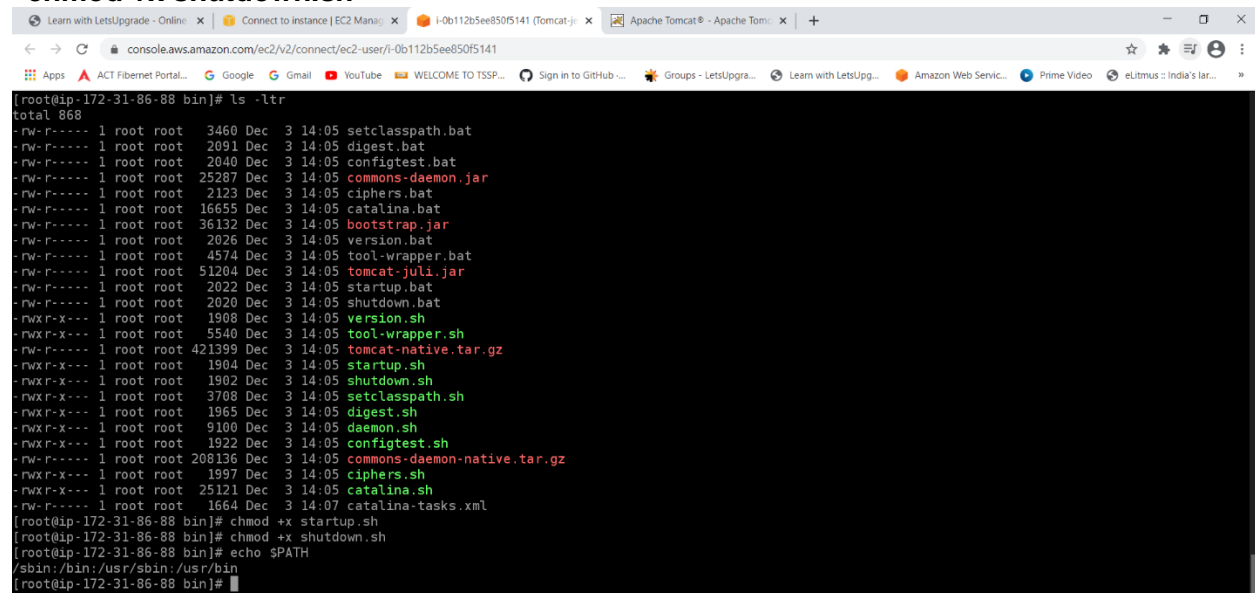
i-Ob112b5ee850f5141 (Tomcat-jenkins)

Public IPs: 54.91.98.75 Private IPs: 172.31.86.88

Modify permissions for startup.sh and shutdown.sh

“chmod +x startup.sh”

“chmod +x shutdown.sh”



```
[root@ip-172-31-86-88 bin]# ls -ltr
total 868
-rw-r--r-- 1 root root 3460 Dec 3 14:05 setclasspath.bat
-rw-r--r-- 1 root root 2091 Dec 3 14:05 digest.bat
-rw-r--r-- 1 root root 2040 Dec 3 14:05 configtest.bat
-rw-r--r-- 1 root root 25287 Dec 3 14:05 commons-daemon.jar
-rw-r--r-- 1 root root 2123 Dec 3 14:05 ciphers.bat
-rw-r--r-- 1 root root 16655 Dec 3 14:05 catalina.bat
-rw-r--r-- 1 root root 36132 Dec 3 14:05 bootstrap.jar
-rw-r--r-- 1 root root 2026 Dec 3 14:05 version.bat
-rw-r--r-- 1 root root 4574 Dec 3 14:05 tool-wrapper.bat
-rw-r--r-- 1 root root 51204 Dec 3 14:05 tomcat-juli.jar
-rw-r--r-- 1 root root 2022 Dec 3 14:05 startup.bat
-rw-r--r-- 1 root root 2020 Dec 3 14:05 shutdown.bat
-rwxr-x-- 1 root root 1908 Dec 3 14:05 version.sh
-rwxr-x-- 1 root root 5540 Dec 3 14:05 tool-wrapper.sh
-rw-r--r-- 1 root root 421399 Dec 3 14:05 tomcat-native.tar.gz
-rwxr-x-- 1 root root 1904 Dec 3 14:05 startup.sh
-rwxr-x-- 1 root root 1902 Dec 3 14:05 shutdown.sh
-rwxr-x-- 1 root root 3708 Dec 3 14:05 setclasspath.sh
-rwxr-x-- 1 root root 1965 Dec 3 14:05 digest.sh
-rwxr-x-- 1 root root 9100 Dec 3 14:05 daemon.sh
-rwxr-x-- 1 root root 1922 Dec 3 14:05 configtest.sh
-rw-r--r-- 1 root root 208136 Dec 3 14:05 commons-daemon-native.tar.gz
-rwxr-x-- 1 root root 1997 Dec 3 14:05 ciphers.sh
-rwxr-x-- 1 root root 25121 Dec 3 14:05 catalina.sh
-rw-r--r-- 1 root root 1664 Dec 3 14:07 catalina-tasks.xml
[root@ip-172-31-86-88 bin]# chmod +x startup.sh
[root@ip-172-31-86-88 bin]# chmod +x shutdown.sh
[root@ip-172-31-86-88 bin]# echo $PATH
/sbin:/bin:/usr/sbin:/usr/bin
[root@ip-172-31-86-88 bin]#
```

i-Ob112b5ee850f5141 (Tomcat-jenkins)

Public IPs: 54.91.98.75 Private IPs: 172.31.86.88

“Find / -name startup.sh”

```
-rwxr-x--- 1 root root 1908 Dec 3 14:05 version.sh
-rwxr-x--- 1 root root 5540 Dec 3 14:05 tool-wrapper.sh
-rw-r----- 1 root root 421399 Dec 3 14:05 tomcat-native.tar.gz
-rwxr-x--- 1 root root 1904 Dec 3 14:05 startup.sh
-rwxr-x--- 1 root root 1902 Dec 3 14:05 shutdown.sh
-rwxr-x--- 1 root root 3708 Dec 3 14:05 setclasspath.sh
-rwxr-x--- 1 root root 1965 Dec 3 14:05 digest.sh
-rwxr-x--- 1 root root 9100 Dec 3 14:05 daemon.sh
-rwxr-x--- 1 root root 1922 Dec 3 14:05 configtest.sh
-rw-r----- 1 root root 208136 Dec 3 14:05 commons-daemon-native.tar.gz
-rwxr-x--- 1 root root 1997 Dec 3 14:05 ciphers.sh
-rwxr-x--- 1 root root 25121 Dec 3 14:05 catalina.sh
-rw-r----- 1 root root 1664 Dec 3 14:07 catalina-tasks.xml
[root@ip-172-31-86-88 bin]# chmod +x startup.sh
[root@ip-172-31-86-88 bin]# chmod +x shutdown.sh
[root@ip-172-31-86-88 bin]# echo $PATH
/sbin:/bin:/usr/sbin:/usr/bin
[root@ip-172-31-86-88 bin]# find / -name startup.sh
/opt/apache-tomcat-8.5.61/bin/startup.sh
[root@ip-172-31-86-88 bin]# ln -s /opt/apache-tomcat-8.5.61/bin/startup.sh /usr/bin/tomcatup
[root@ip-172-31-86-88 bin]# ln -s /opt/apache-tomcat-8.5.61/bin/shutdown.sh /usr/bin/tomcatdown
[root@ip-172-31-86-88 bin]# ps -e | grep tomcat
[root@ip-172-31-86-88 bin]# tomcatup
Using CATALINA_BASE: /opt/apache-tomcat-8.5.61
Using CATALINA_HOME: /opt/apache-tomcat-8.5.61
Using CATALINA_TMPDIR: /opt/apache-tomcat-8.5.61/temp
Using JRE_HOME: /
Using CLASSPATH: /opt/apache-tomcat-8.5.61/bin/bootstrap.jar:/opt/apache-tomcat-8.5.61/bin/tomcat-juli.jar
Using CATALINA_OPTS:
Tomcat started.
[root@ip-172-31-86-88 bin]#
```

i-Ob112b5ee850f5141 (Tomcat-jenkins)

Public IPs: 54.91.98.75 Private IPs: 172.31.86.88

Create a Softlink

- “ln -s /opt/apache-tomcat-8.5.61/bin/startup.sh /usr/bin/tomcatup”
- “ln -s /opt/apache-tomcat-8.5.61/bin/shutdown.sh /usr/bin/tomcatdown”

```
-rwxr-x--- 1 root root 1965 Dec 3 14:05 digest.sh
-rwxr-x--- 1 root root 9100 Dec 3 14:05 daemon.sh
-rwxr-x--- 1 root root 1922 Dec 3 14:05 configtest.sh
-rw-r----- 1 root root 208136 Dec 3 14:05 commons-daemon-native.tar.gz
-rwxr-x--- 1 root root 1997 Dec 3 14:05 ciphers.sh
-rwxr-x--- 1 root root 25121 Dec 3 14:05 catalina.sh
-rw-r----- 1 root root 1664 Dec 3 14:07 catalina-tasks.xml
[root@ip-172-31-86-88 bin]# chmod +x startup.sh
[root@ip-172-31-86-88 bin]# chmod +x shutdown.sh
[root@ip-172-31-86-88 bin]# echo $PATH
/sbin:/bin:/usr/sbin:/usr/bin
[root@ip-172-31-86-88 bin]# find / -name startup.sh
/opt/apache-tomcat-8.5.61/bin/startup.sh
[root@ip-172-31-86-88 bin]# ln -s /opt/apache-tomcat-8.5.61/bin/startup.sh /usr/bin/tomcatup
[root@ip-172-31-86-88 bin]# ln -s /opt/apache-tomcat-8.5.61/bin/shutdown.sh /usr/bin/tomcatdown
[root@ip-172-31-86-88 bin]# ps -e | grep tomcat
[root@ip-172-31-86-88 bin]# tomcatup
Using CATALINA_BASE: /opt/apache-tomcat-8.5.61
Using CATALINA_HOME: /opt/apache-tomcat-8.5.61
Using CATALINA_TMPDIR: /opt/apache-tomcat-8.5.61/temp
Using JRE_HOME: /
Using CLASSPATH: /opt/apache-tomcat-8.5.61/bin/bootstrap.jar:/opt/apache-tomcat-8.5.61/bin/tomcat-juli.jar
Using CATALINA_OPTS:
Tomcat started.
[root@ip-172-31-86-88 bin]# ls
bootstrap.jar      ciphers.bat      configtest.bat  digest.sh        shutdown.sh      tomcat-native.tar.gz  version.sh
catalina.bat      ciphers.sh       configtest.sh   setclasspath.bat startup.bat      tool-wrapper.bat      tool-wrapper.sh
catalina.sh       commons-daemon.jar  daemon.sh       setclasspath.sh  startup.sh      tomcat-juli.jar       version.bat
catalina-tasks.xml commons-daemon-native.tar.gz  digest.bat      shutdown.bat     tomcat-juli.jar
[root@ip-172-31-86-88 bin]# cd ..
[root@ip-172-31-86-88 apache-tomcat-8.5.61]#
```

i-Ob112b5ee850f5141 (Tomcat-jenkins)

Public IPs: 54.91.98.75 Private IPs: 172.31.86.88

Change the port to 8090 by editing the server.xml by using “vi server.xml”

Learn with LetsUpgrade - Online | Connect to instance | EC2 Manu... | i-Ob112b5ee850f5141 (Tomcat-j... | Apache Tomcat/8.5.61

console.aws.amazon.com/ec2/v2/connect/ec2-user/i-Ob112b5ee850f5141

Documentation at /docs/config/service.html

```
<!-- The connectors can use a shared executor, you can define one or more named thread pools -->
<!--
<Executor name="tomcatThreadPool" namePrefix="catalina-exec-"
      maxThreads="150" minSpareThreads="4"/>
-->

<!-- A "Connector" represents an endpoint by which requests are received
and responses are returned. Documentation at :
Java HTTP Connector: /docs/config/http.html
Java AJP  Connector: /docs/config/ajp.html
APR (HTTP/AJP) Connector: /docs/apr.html
Define a non-SSL/TLS HTTP/1.1 Connector on port 8080
-->
<Connector port="8090" protocol="HTTP/1.1"
      connectionTimeout="20000"
      redirectPort="8443" />
<!-- A "Connector" using the shared thread pool -->
<!--
<Connector executor="tomcatThreadPool"
      port="8080" protocol="HTTP/1.1"
      connectionTimeout="20000"
      redirectPort="8443" />
-->
<!-- Define an SSL/TLS HTTP/1.1 Connector on port 8443
This connector uses the NIO implementation. The default
SSLImplementation will depend on the presence of the APR/native
library and the useOpenSSL attribute of the
AprLifecycleListener.
-->
```

i-Ob112b5ee850f5141 (Tomcat-jenkins)

Public IPs: 54.91.98.75 Private IPs: 172.31.86.88

Type here to search

12:12 04-02-2021

Check configuration in 8090


Learn with LetsUpgrade - Online | Connect to instance | EC2 Manu... | i-Ob112b5ee850f5141 (Tomcat-j... | Apache Tomcat/8.5.61

54.91.98.75:8090

Home Documentation Configuration Examples Wiki Mailing Lists Find Help

Apache Tomcat/8.5.61

If you're seeing this, you've successfully installed Tomcat. Congratulations!

 Recommended Reading:

- [Security Considerations How-To](#)
- [Manager Application How-To](#)
- [Clustering/Session Replication How-To](#)

Server Status
Manager App
Host Manager

Developer Quick Start

- Tomcat Setup
- First Web Application
- Realms & AAA
- JDBC DataSources
- Examples
- Servlet Specifications
- Tomcat Versions

Managing Tomcat

For security, access to the [manager.webapp](#) is restricted. Users are defined in:

```
$CATALINA_HOME/conf/tomcat-users.xml
```

In Tomcat 8.5 access to the manager application is split between different users. [Read more...](#)

[Release Notes](#)
[Changelog](#)
[Migration Guide](#)
[Security Notices](#)

Documentation

- [Tomcat 8.5 Documentation](#)
- [Tomcat 8.5 Configuration](#)
- [Tomcat Wiki](#)

Find additional important configuration information in:

```
$CATALINA_HOME/RUNNING.txt
```

Developers may be interested in:

- [Tomcat 8.5 Bug Database](#)
- [Tomcat 8.5 JavaDocs](#)
- [Tomcat 8.5 Git Repository at GitHub](#)

Getting Help

FAQ and Mailing Lists

The following mailing lists are available:

- [tomcat-announce](#)
Important announcements, releases, security vulnerability notifications. (Low volume).
- [tomcat-users](#)
User support and discussion
- [taglibs-user](#)
User support and discussion for [Apache Taglibs](#)
- [tomcat-dev](#)
Development mailing list, including commit messages

Type here to search

12:13 04-02-2021

“vi context.xml”

Learn with LetsUpgrade - Online | Connect to instance | EC2 Manag... | i-0b112b5ee850f5141 (Tomcat-j... | Apache Tomcat/8.5.61

console.aws.amazon.com/ec2/v2/connect/ec2-user/i-0b112b5ee850f5141

Apps ACT Fibernet Portal... Google Gmail YouTube WELCOME TO TSSP... Sign in to GitHub ... Groups - LetsUpgra... Learn with LetsUpgr... Amazon Web Servic... Prime Video eLitmus - India's lar...

```
<?xml version="1.0" encoding="UTF-8"?>
<!--
Licensed to the Apache Software Foundation (ASF) under one or more
contributor license agreements. See the NOTICE file distributed with
this work for additional information regarding copyright ownership.
The ASF licenses this file to You under the Apache License, Version 2.0
(the "License"); you may not use this file except in compliance with
the License. You may obtain a copy of the License at

    http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
-->
<Context antiResourceLocking="false" privileged="true" >
  <CookieProcessor className="org.apache.tomcat.util.http.Rfc6265CookieProcessor"
    sameSiteCookies="strict" />
  <!-- <Valve className="org.apache.catalina.valves.RemoteAddrValve"
    allow="127\.\d+\.\d+\.\d+:::1|0:0:0:0:0:0:0:1" /> -->
    <Manager sessionAttributeValueClassNameFilter="java\.lang\.(?:Boolean|Integer|Long|Number|string)|org\.apache\.catalina\.filters\.CsrfPreventionFilter\$LruC
ache(?:\$1)?|java\.util\.(?:Linked)?HashMap"/>
</Context>
-- INSERT --
```

i-0b112b5ee850f5141 (Tomcat-jenkins)

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“vi tomcat-users.xml”

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console.aws.amazon.com/ec2/v2/connect/ec2-user/i-0b112b5ee850f5141

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```
<?xml version="1.0" encoding="UTF-8"?>
<!--
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limitations under the License.
-->
<Context antiResourceLocking="false" privileged="true" >
  <CookieProcessor className="org.apache.tomcat.util.http.Rfc6265CookieProcessor"
    sameSiteCookies="strict" />
  <!-- <Valve className="org.apache.catalina.valves.RemoteAddrValve"
    allow="127\.\d+\.\d+\.\d+:::1|0:0:0:0:0:0:0:1" /> -->
    <Manager sessionAttributeValueClassNameFilter="java\.lang\.(?:Boolean|Integer|Long|Number|string)|org\.apache\.catalina\.filters\.CsrfPreventionFilter\$LruC
ache(?:\$1)?|java\.util\.(?:Linked)?HashMap"/>
</Context>
-- INSERT --
```

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```

<role rolename="manager-gui"/>
<role rolename="manager-script"/>
<role rolename="manager-jmx"/>
<role rolename="manager-status"/>
<user username="admin" password="sujji123" roles="manager-gui,manager-script,manager-jmx,manager-status"/>
<user username="deployer" password="sujji123" roles="manager-script"/>
<user username="tomcat" password="sujji123" roles="manager-gui"/>

```

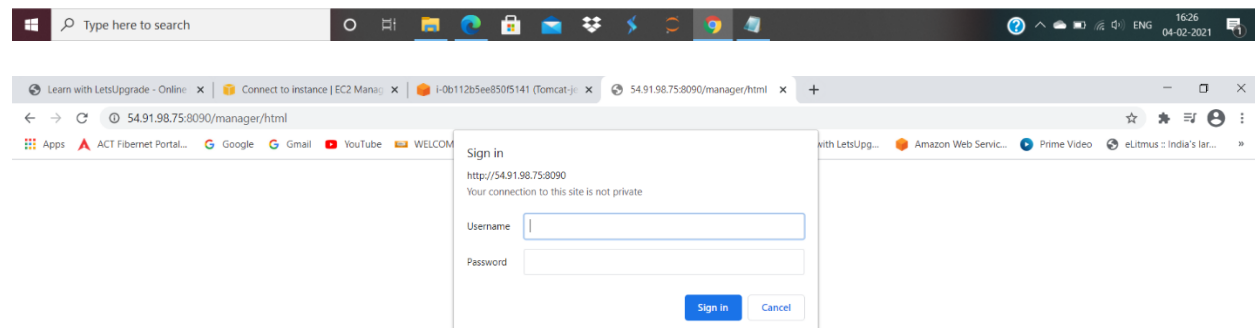
```

you must define such a user - the username and password are arbitrary. It is
strongly recommended that you do NOT use one of the users in the commented out
section below since they are intended for use with the examples web
application.
-->
<!--
NOTE: The sample user and role entries below are intended for use with the
examples web application. They are wrapped in a comment and thus are ignored
when reading this file. If you wish to configure these users for use with the
examples web application, do not forget to remove the <!-- ... --> that surrounds
them. You will also need to set the passwords to something appropriate.
-->
<role rolename="manager-gui"/>
<role rolename="manager-script"/>
<role rolename="manager-jmx"/>
<role rolename="manager-status"/>
<user username="admin" password="sujji123" roles="manager-gui,manager-script,manager-jmx,manager-status"/>
<user username="deployer" password="sujji123" roles="manager-script"/>
<user username="tomcat" password="sujji123" roles="manager-gui"/>
</tomcat-users>
-- INSERT --

```

i-Ob112b5ee850f5141 (Tomcat-jenkins)

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/managerx

+

Not secure | 54.91.98.75:8090/manager/html

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Tomcat Web Application Manager

Message:OK

Manager

[List Applications](#)[HTML Manager Help](#)[Manager Help](#)[Server Status](#)


Applications

Path	Version	Display Name	Running	Sessions	Commands
/	None specified	Welcome to Tomcat	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/docs	None specified	Tomcat Documentation	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/examples	None specified	Servlet and JSP Examples	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/host-manager	None specified	Tomcat Host Manager Application	true	0	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>
/manager	None specified	Tomcat Manager Application	true	1	<div>StartStopReloadUndeploy</div> <div>Expire sessions with idle ≥ 30 minutes</div>

Deploy

Deploy directory or WAR file located on server

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