

Tomcat server:

It is free and open-source software, which is developed by Apache organization

Tomcat server is developed using Java language. Hence, to run Tomcat, Java also has to be installed

Tomcat supports multiple operating system

By default, Tomcat runs on 8080 port number (if needed we can change the port number of Tomcat)

```
[ec2-user@ip-172-31-5-77 ~]$ sudo yum install maven
```

```
libX11-common-1.8.10-2.amzn2023.0.1.noarch
libXext-1.3.6-1.amzn2023.0.1.x86_64
libjpeg-turbo-2.1.4-2.amzn2023.0.5.x86_64
libxcb-1.17.0-1.amzn2023.0.1.x86_64
maven-amazon-corretto17-1:3.8.4-3.amzn2023.0.5.noarch
maven-resolver-1:1.7.3-3.amzn2023.0.4.noarch
maven-wagon-3.4.2-6.amzn2023.0.4.noarch
plexus-cipher-1.8-3.amzn2023.0.3.noarch
plexus-containers-component-annotations-2.1.0-9.amzn2023.0.4.noarch
plexus-sec-dispatcher-2.0-3.amzn2023.0.3.noarch
publicsuffix-list-20240212-61.amzn2023.noarch
slf4j-1.7.32-3.amzn2023.0.4.noarch
libXau-1.0.11-6.amzn2
libXrender-0.9.11-6.am
libpng-2:1.6.37-10.am
maven-1:3.8.4-3.amzn2
maven-lib-1:3.8.4-3.a
maven-shared-utils-3.
pixman-0.43.4-1.amzn2
plexus-classworlds-2.
plexus-interpolation-
plexus-utils-3.3.0-9.
sisu-1:0.3.4-9.amzn2
xml-common-0.6.3-56.a

Complete!
[ec2-user@ip-172-31-5-77 ~]$ mvn -version
Apache Maven 3.8.4 (Red Hat 3.8.4-3.amzn2023.0.5)
Maven home: /usr/share/maven
Java version: 17.0.14, vendor: Amazon.com Inc., runtime: /usr/lib/jvm/java-17-amazon-corretto.x86_64
Default locale: en, platform encoding: UTF-8
OS name: "linux", version: "6.1.131-143.221.amzn2023.x86_64", arch: "amd64", family: "unix"
[ec2-user@ip-172-31-5-77 ~]$
```

```
libX11-common-1.8.10-2.amzn2023.0.1.noarch
libXext-1.3.6-1.amzn2023.0.1.x86_64
libjpeg-turbo-2.1.4-2.amzn2023.0.5.x86_64
libxcb-1.17.0-1.amzn2023.0.1.x86_64
maven-amazon-corretto17-1:3.8.4-3.amzn2023.0.5.noarch
maven-resolver-1:1.7.3-3.amzn2023.0.4.noarch
maven-wagon-3.4.2-6.amzn2023.0.4.noarch
plexus-cipher-1.8-3.amzn2023.0.3.noarch
plexus-containers-component-annotations-2.1.0-9.amzn2023.0.4.noarch
plexus-sec-dispatcher-2.0-3.amzn2023.0.3.noarch
publicsuffix-list-20240212-61.amzn2023.noarch
slf4j-1.7.32-3.amzn2023.0.4.noarch
libXau-1.0.11-6.amzn2
libXrender-0.9.11-6.am
libpng-2:1.6.37-10.am
maven-1:3.8.4-3.amzn2
maven-lib-1:3.8.4-3.a
maven-shared-utils-3.
pixman-0.43.4-1.amzn2
plexus-classworlds-2.
plexus-interpolation-
plexus-utils-3.3.0-9.
sisu-1:0.3.4-9.amzn2
xml-common-0.6.3-56.a

Complete!
[ec2-user@ip-172-31-5-77 ~]$ mvn -version
Apache Maven 3.8.4 (Red Hat 3.8.4-3.amzn2023.0.5)
Maven home: /usr/share/maven
Java version: 17.0.14, vendor: Amazon.com Inc., runtime: /usr/lib/jvm/java-17-amazon-corretto.x86_64
Default locale: en, platform encoding: UTF-8
OS name: "linux", version: "6.1.131-143.221.amzn2023.x86_64", arch: "amd64", family: "unix"
[ec2-user@ip-172-31-5-77 ~]$ java -version
openjdk version "17.0.14" 2025-01-21 LTS
OpenJDK Runtime Environment Corretto-17.0.14.7.1 (build 17.0.14+7-LTS)
OpenJDK 64-Bit Server VM Corretto-17.0.14.7.1 (build 17.0.14+7-LTS, mixed mode, sharing)
[ec2-user@ip-172-31-5-77 ~]$
```

support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

For Tomcat: <https://tomcat.apache.org/>



Apache Tomcat®

Search...



Apache Tomcat

[Home](#)
[Taglibs](#)
[Maven Plugin](#)

Download

Which version?
[Tomcat 11](#)
[Tomcat 10](#)
[Tomcat 9](#)
[Tomcat Migration Tool for Jakarta EE](#)
[Tomcat Connectors](#)
[Tomcat Native](#)
[Taglibs](#)
[Archives](#)

Documentation

[Tomcat 11.0](#)
[Tomcat 10.1](#)
[Tomcat 9.0](#)
[Upgrading](#)
[Tomcat Connectors](#)
[Tomcat Native 2](#)
[Tomcat Native 1.3](#)
[Wiki](#)
[Migration Guide](#)
[Presentations](#)
[Specifications](#)

Tomcat 11 Software Downloads

Welcome to the Apache Tomcat® 11.x software download page. This page provides download link
Unsure which version you need? Specification versions implemented, minimum Java version requ
Users of Tomcat 11 onwards should be aware that, as a result of the move from Java EE to Jakarta
almost certainly require code changes to enable applications to migrate from Tomcat 9 and earlie

Quick Navigation

[KEYS](#) | [11.0.6](#) | [Browse](#) | [Archives](#)

Release Integrity

You **must** [verify](#) the integrity of the downloaded files. We provide OpenPGP signatures for every r
checksums for every release file. After you download the file, you should calculate a checksum for

Mirrors

You are currently using <https://dlcdn.apache.org/>. If you encounter a problem with this mirror, p

Other mirrors:

11.0.6

Please see the [README](#) file for packaging information. It explains what every distribution contain:

Binary Distributions

- Core:
 - [zip \(pgp, sha512\)](#)
 - [tar.gz \(pgp, sha512\)](#)
 - [Windows zip \(pgp, sha512\)](#)
 - [Windows Service Installer \(pgp, sha512\)](#)
- Full documentation:
 - [tar.gz \(pgp, sha512\)](#)
- Deployer:

Right click --> Copy link to address on tar.gz link

11.0.6

Please see the [README](#) file for packaging information. It explains what every

Binary Distributions

- Core:
 - [zip \(pgp, sha512\)](#)
 - [tar.gz \(pgp, sha512\)](#)
 - [Windows zip \(pgp, sha512\)](#)
 - [Windows Service Installer \(pgp, sha512\)](#)
- Full documentation:
 - [tar.gz \(pgp, sha512\)](#)
- Deployer:
 - [zip \(pgp, sha512\)](#)

<https://dlcdn.apache.org/tomcat/tomcat-11/v11.0.6/bin/apache-tomcat-11.0.6.tar.gz>

wget <https://dlcdn.apache.org/tomcat/tomcat-11/v11.0.6/bin/apache-tomcat-11.0.6.tar.gz>

```

OpenJDK Runtime Environment Corretto-17.0.14.7.1 (build 17.0.14+7-LTS)
OpenJDK 64-Bit Server VM Corretto-17.0.14.7.1 (build 17.0.14+7-LTS, mixed mode, sharing)
[ec2-user@ip-172-31-5-77 ~]$ wget https://d1cdn.apache.org/tomcat/tomcat-11/v11.0.6/bin/apache-tomcat-11.0.6.tar.gz
--2025-05-02 23:55:11-- https://d1cdn.apache.org/tomcat/tomcat-11/v11.0.6/bin/apache-tomcat-11.0.6.tar.gz
Resolving d1cdn.apache.org (d1cdn.apache.org)... 151.101.2.132, 2a04:4e42::644
Connecting to d1cdn.apache.org (d1cdn.apache.org)|151.101.2.132|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 13878198 (13M) [application/x-gzip]
Saving to: 'apache-tomcat-11.0.6.tar.gz'

```

You can see it is downloaded

```

[ec2-user@ip-172-31-5-77 ~]$
[ec2-user@ip-172-31-5-77 ~]$ ls -l
total 13556
-rw-r--r--. 1 ec2-user ec2-user 13878198 Apr  1 15:39 apache-tomcat-11.0.6.tar.gz
[ec2-user@ip-172-31-5-77 ~]$

```

```
[ec2-user@ip-172-31-5-77 ~]$ tar -xvf apache-tomcat-11.0.6.tar.gz
```

```
[ec2-user@ip-172-31-5-77 ~]$ sudo yum install tree
```

```

[ec2-user@ip-172-31-5-77 ~]$
[ec2-user@ip-172-31-5-77 ~]$ sudo yum install tree
Last metadata expiration check: 0:12:35 ago on Fri May  2 23:46:23 2025.
Dependencies resolved.
=====
Package                                Architecture          Version
=====
Installing:
tree                                   x86_64                1.8.0-6.amzn2023.0.2

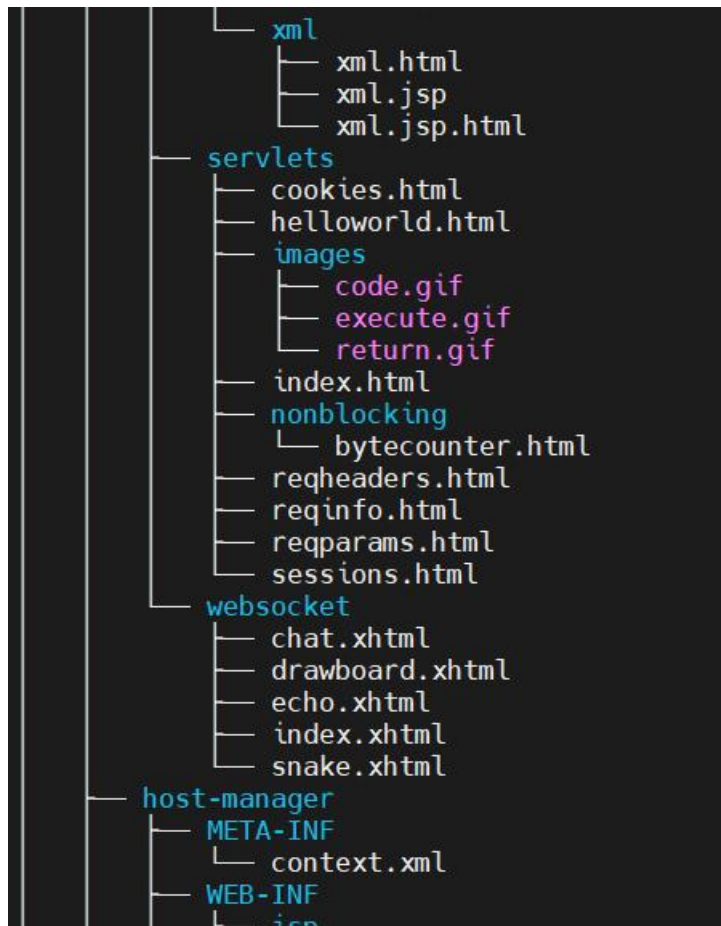
Transaction Summary
=====
Install 1 Package

Total download size: 56 k
Installed size: 113 k
Is this ok [y/N]: y
Downloading Packages:
tree-1.8.0-6.amzn2023.0.2.x86_64.rpm
=====

```

```
[ec2-user@ip-172-31-5-77 ~]$ tree apache-tomcat-11.0.6
```

Within Tomcat



```
total 13572
drwxr-xr-x. 9 ec2-user ec2-user 16384 May 2 23:57 apache-tomcat-11.0.6
-rw-r--r--. 1 ec2-user ec2-user 13878198 Apr 1 15:39 apache-tomcat-11.0.6.tar.gz
[ec2-user@ip-172-31-5-77 ~]$
[ec2-user@ip-172-31-5-77 ~]$
[ec2-user@ip-172-31-5-77 ~]$ cd apache-tomcat-11.0.6/
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ ls -l
total 172
-rw-r-----. 1 ec2-user ec2-user 24262 Apr 1 14:40 BUILDING.txt
-rw-r-----. 1 ec2-user ec2-user 6166 Apr 1 14:40 CONTRIBUTING.md
-rw-r-----. 1 ec2-user ec2-user 60517 Apr 1 14:40 LICENSE
-rw-r-----. 1 ec2-user ec2-user 2333 Apr 1 14:40 NOTICE
-rw-r-----. 1 ec2-user ec2-user 3291 Apr 1 14:40 README.md
-rw-r-----. 1 ec2-user ec2-user 6469 Apr 1 14:40 RELEASE-NOTES
-rw-r-----. 1 ec2-user ec2-user 16109 Apr 1 14:40 RUNNING.txt
drwxr-x---. 2 ec2-user ec2-user 16384 May 2 23:57 bin
drwx-----. 2 ec2-user ec2-user 16384 Apr 1 14:40 conf
drwxr-x---. 2 ec2-user ec2-user 16384 May 2 23:57 lib
drwxr-x---. 2 ec2-user ec2-user 6 Apr 1 14:40 logs
drwxr-x---. 2 ec2-user ec2-user 30 May 2 23:57 temp
drwxr-x---. 7 ec2-user ec2-user 81 Apr 1 14:40 webapps
drwxr-x---. 2 ec2-user ec2-user 6 Apr 1 14:40 work
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$
```



```

[ec2-user@ip-172-31-5-77 ~]$ cd apache-tomcat-11.0.6/
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ ls -l
total 172
-rw-r-----. 1 ec2-user ec2-user 24262 Apr  1 14:40 BUILDING.txt
-rw-r-----. 1 ec2-user ec2-user  6166 Apr  1 14:40 CONTRIBUTING.md
-rw-r-----. 1 ec2-user ec2-user 60517 Apr  1 14:40 LICENSE
-rw-r-----. 1 ec2-user ec2-user  2333 Apr  1 14:40 NOTICE
-rw-r-----. 1 ec2-user ec2-user  3291 Apr  1 14:40 README.md
-rw-r-----. 1 ec2-user ec2-user  6469 Apr  1 14:40 RELEASE-NOTES
-rw-r-----. 1 ec2-user ec2-user 16109 Apr  1 14:40 RUNNING.txt
drwxr-x---. 2 ec2-user ec2-user 16384 May  2 23:57 bin
drwx-----. 2 ec2-user ec2-user 16384 Apr  1 14:40 conf
drwxr-x---. 2 ec2-user ec2-user 16384 May  2 23:57 lib
drwxr-x---. 2 ec2-user ec2-user    6 Apr  1 14:40 logs
drwxr-x---. 2 ec2-user ec2-user   30 May  2 23:57 temp
drwxr-x---. 7 ec2-user ec2-user   81 Apr  1 14:40 webapps
drwxr-x---. 2 ec2-user ec2-user    6 Apr  1 14:40 work
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ ls -l conf
total 212
-rw-----. 1 ec2-user ec2-user  6636 Apr  1 14:40 catalina.properties
-rw-----. 1 ec2-user ec2-user  1411 Apr  1 14:40 context.xml
-rw-----. 1 ec2-user ec2-user  1149 Apr  1 14:40 jaspic-providers.xml
-rw-----. 1 ec2-user ec2-user  2313 Apr  1 14:40 jaspic-providers.xsd
-rw-----. 1 ec2-user ec2-user  4003 Apr  1 14:40 logging.properties
-rw-----. 1 ec2-user ec2-user  6905 Apr  1 14:40 server.xml
-rw-----. 1 ec2-user ec2-user  2756 Apr  1 14:40 tomcat-users.xml
-rw-----. 1 ec2-user ec2-user  2558 Apr  1 14:40 tomcat-users.xsd
-rw-----. 1 ec2-user ec2-user 172418 Apr  1 14:40 web.xml
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$

```

[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]\$ sh startup.sh

```

[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ cd bin
[ec2-user@ip-172-31-5-77 bin]$ sh startup.sh
Using CATALINA_BASE:   /home/ec2-user/apache-tomcat-11.0.6
Using CATALINA_HOME:   /home/ec2-user/apache-tomcat-11.0.6
Using CATALINA_TMPDIR: /home/ec2-user/apache-tomcat-11.0.6/temp
Using JRE_HOME:        /usr
Using CLASSPATH:        /home/ec2-user/apache-tomcat-11.0.6/bin/bootstrap.jar:/home/ec2-user/apache-tomcat-11.0.6/bin/tomcat-juli.jar
Using CATALINA_OPTS:
Tomcat started.
[ec2-user@ip-172-31-5-77 bin]$

```

Tomcat has started

chatGPT prompt: create a new maven web application project

Run this command from cd ~ home directory

```

mvn archetype:generate -DgroupId=com.example.webapp \
-DartifactId=my-webapp \
-DarchetypeArtifactId=maven-archetype-webapp \
-DarchetypeVersion=1.4 \
-DinteractiveMode=false

```

```

[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ mvn archetype:generate -DgroupId=com.example.webapp \
-DartifactId=my-webapp \
-DarchetypeArtifactId=maven-archetype-webapp \
-DarchetypeVersion=1.4 \
-DinteractiveMode=false
[INFO] Scanning for projects...
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/2.5
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-clean-plugin/2.5/
Downloading from central: https://repo.maven.apache.org/maven2/org/apache/maven/plugins/maven-plugins/22/maven

```

```

Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/archetypes/maven-arch
253 kB/s)
[INFO] -----
[INFO] Using following parameters for creating project from Archetype: maven-archetype-webapp:1.4
[INFO] -----
[INFO] Parameter: groupId, Value: com.example.webapp
[INFO] Parameter: artifactId, Value: my-webapp
[INFO] Parameter: version, Value: 1.0-SNAPSHOT
[INFO] Parameter: package, Value: com.example.webapp
[INFO] Parameter: packageInPathFormat, Value: com/example/webapp
[INFO] Parameter: package, Value: com.example.webapp
[INFO] Parameter: groupId, Value: com.example.webapp
[INFO] Parameter: artifactId, Value: my-webapp
[INFO] Parameter: version, Value: 1.0-SNAPSHOT
[INFO] Project created from Archetype in dir: /home/ec2-user/apache-tomcat-11.0.6/my-webapp
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 9.766 s
[INFO] Finished at: 2025-05-03T01:58:01Z
[INFO] -----

```

```

[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ cd my-webapp/
[ec2-user@ip-172-31-5-77 my-webapp]$ ls
pom.xml  src
[ec2-user@ip-172-31-5-77 my-webapp]$

```

cd my-webapp then run mvn clean package

[ec2-user@ip-172-31-5-77 my-webapp]\$ mvn clean package

```

Downloaded from central: https://repo.maven.apache.org/maven2/com/thoughtworks/xstream/xstream/1.4.10/xstream-1.4.10.jar
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-compress/1.16.1/commons-compress-1.16.1.jar
[INFO] Packaging webapp
[INFO] Assembling webapp [my-webapp] in [/home/ec2-user/apache-tomcat-11.0.6/my-webapp/target/my-webapp]
[INFO] Processing war project
[INFO] Copying webapp resources [/home/ec2-user/apache-tomcat-11.0.6/my-webapp/src/main/webapp]
[INFO] Webapp assembled in [24 msecs]
[INFO] Building war: /home/ec2-user/apache-tomcat-11.0.6/my-webapp/target/my-webapp.war
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 10.632 s
[INFO] Finished at: 2025-05-03T02:01:41Z
[INFO] -----
[ec2-user@ip-172-31-5-77 my-webapp]$

```

[ec2-user@ip-172-31-5-77 my-webapp]\$ ls -l target

total 4

drwxr-xr-x. 2 ec2-user ec2-user 28 May 3 02:01 maven-archiver

drwxr-xr-x. 4 ec2-user ec2-user 54 May 3 02:01 my-webapp

-rw-r--r--. 1 ec2-user ec2-user 2085 May 3 02:01 my-webapp.war

[ec2-user@ip-172-31-5-77 my-webapp]\$ cd ~

```

[ec2-user@ip-172-31-5-77 my-webapp]$ ls -l target
total 4
drwxr-xr-x. 2 ec2-user ec2-user 28 May 3 02:01 maven-archiver
drwxr-xr-x. 4 ec2-user ec2-user 54 May 3 02:01 my-webapp
-rw-r--r--. 1 ec2-user ec2-user 2085 May 3 02:01 my-webapp.war
[ec2-user@ip-172-31-5-77 my-webapp]$ cd ~
[ec2-user@ip-172-31-5-77 ~]$

```

Copy war file from my-webapp into Tomcat webapps folder


```
[ec2-user@ip-172-31-5-77 ~]$ cp my-web-app/target/my-web-app.war apache-tomcat-11.0.6/webapps/
```

```
[ec2-user@ip-172-31-5-77 my-webapp]$ ls -l
total 4
-rw-r--r--. 1 ec2-user ec2-user 2208 May  3 02:15 pom.xml
drwxr-xr-x. 3 ec2-user ec2-user  18 May  3 02:15 src
drwxr-xr-x. 4 ec2-user ec2-user  66 May  3 02:16 target
[ec2-user@ip-172-31-5-77 my-webapp]$ ls -l target/
total 4
drwxr-xr-x. 2 ec2-user ec2-user  28 May  3 02:16 maven-archiver
drwxr-xr-x. 4 ec2-user ec2-user  54 May  3 02:16 my-webapp
-rw-r--r--. 1 ec2-user ec2-user 2085 May  3 02:16 my-webapp.war
```

Deploy your application into Tomcat so copy war file into Tomcat webapps

```
[ec2-user@ip-172-31-5-77 ~]$ cp my-webapp/target/my-webapp.war apache-tomcat-11.0.6/webapps/
```

```
drwxr-xr-x. 4 ec2-user ec2-user  46 May  3 02:16 my-webapp
[ec2-user@ip-172-31-5-77 ~]$ cd apache-tomcat-11.0.6/
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ ls -l
total 172
-rw-r-----. 1 ec2-user ec2-user 24262 Apr  1 14:40 BUILDING.txt
-rw-r-----. 1 ec2-user ec2-user  6166 Apr  1 14:40 CONTRIBUTING.md
-rw-r-----. 1 ec2-user ec2-user 60517 Apr  1 14:40 LICENSE
-rw-r-----. 1 ec2-user ec2-user  2333 Apr  1 14:40 NOTICE
-rw-r-----. 1 ec2-user ec2-user  3291 Apr  1 14:40 README.md
-rw-r-----. 1 ec2-user ec2-user  6469 Apr  1 14:40 RELEASE-NOTES
-rw-r-----. 1 ec2-user ec2-user 16109 Apr  1 14:40 RUNNING.txt
drwxr-x---. 2 ec2-user ec2-user 16384 May  2 23:57 bin
drwx-----. 3 ec2-user ec2-user 16384 May  3 00:34 conf
drwxr-x---. 2 ec2-user ec2-user 16384 May  2 23:57 lib
drwxr-x---. 2 ec2-user ec2-user   132 May  3 00:34 logs
drwxr-xr-x. 4 ec2-user ec2-user   46 May  3 02:01 my-webapp
drwxr-x---. 2 ec2-user ec2-user   30 May  2 23:57 temp
drwxr-x---. 8 ec2-user ec2-user   119 May  3 02:17 webapps
drwxr-x---. 3 ec2-user ec2-user   22 May  3 00:34 work
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ ls -l webapps/
total 36
drwxr-x---. 3 ec2-user ec2-user 16384 May  2 23:57 ROOT
drwxr-x---. 16 ec2-user ec2-user 16384 May  2 23:57 docs
drwxr-x---. 7 ec2-user ec2-user   99 May  2 23:57 examples
drwxr-x---. 6 ec2-user ec2-user   79 May  2 23:57 host-manager
drwxr-x---. 6 ec2-user ec2-user  114 May  2 23:57 manager
drwxr-x---. 4 ec2-user ec2-user   54 May  3 02:17 my-webapp
-rw-r--r--. 1 ec2-user ec2-user 2085 May  3 02:17 my-webapp.war
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$
```

Add Custom TCP 8080

sgr-07d1078f0fa10518a

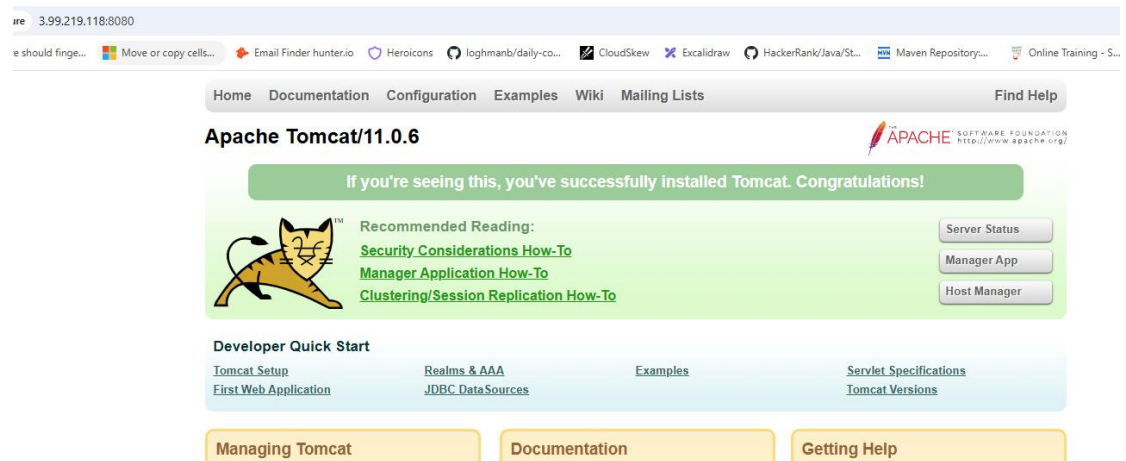
HTTP	TCP	80	Custom	Q
0.0.0.0/0 X				

-

Custom TCP	TCP	8080	Anywh...	Q
0.0.0.0/0 X				

Open the public IP

<http://3.99.219.118:8080/>



Our application name is: my-webapp

<http://3.99.219.118:8080/my-webapp/>



Hello World!


```

drwxr-xr-x. 4 ec2-user ec2-user 40 May 3 02:10 my-webapp
[ec2-user@ip-172-31-5-77 ~]$ cd apache-tomcat-11.0.6/
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ ls -l
total 172
-rw-r-----. 1 ec2-user ec2-user 24262 Apr 1 14:40 BUILDING.txt
-rw-r-----. 1 ec2-user ec2-user 6166 Apr 1 14:40 CONTRIBUTING.md
-rw-r-----. 1 ec2-user ec2-user 60517 Apr 1 14:40 LICENSE
-rw-r-----. 1 ec2-user ec2-user 2333 Apr 1 14:40 NOTICE
-rw-r-----. 1 ec2-user ec2-user 3291 Apr 1 14:40 README.md
-rw-r-----. 1 ec2-user ec2-user 6469 Apr 1 14:40 RELEASE-NOTES
-rw-r-----. 1 ec2-user ec2-user 16109 Apr 1 14:40 RUNNING.txt
drwxr-x---. 2 ec2-user ec2-user 16384 May 2 23:57 bin
drwx-----. 3 ec2-user ec2-user 16384 May 3 00:34 conf
drwxr-x---. 2 ec2-user ec2-user 16384 May 2 23:57 lib
drwxr-x---. 2 ec2-user ec2-user 132 May 3 00:34 logs
drwxr-xr-x. 4 ec2-user ec2-user 46 May 3 02:01 my-webapp
drwxr-x---. 2 ec2-user ec2-user 30 May 2 23:57 temp
drwxr-x---. 8 ec2-user ec2-user 119 May 3 02:17 webapps
drwxr-x---. 3 ec2-user ec2-user 22 May 3 00:34 work
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ cd webapps/
[ec2-user@ip-172-31-5-77 webapps]$ ls -l
total 36
drwxr-x---. 3 ec2-user ec2-user 16384 May 2 23:57 ROOT
drwxr-x---. 16 ec2-user ec2-user 16384 May 2 23:57 docs
drwxr-x---. 7 ec2-user ec2-user 99 May 2 23:57 examples
drwxr-x---. 6 ec2-user ec2-user 79 May 2 23:57 host-manager
drwxr-x---. 6 ec2-user ec2-user 114 May 2 23:57 manager
drwxr-x---. 4 ec2-user ec2-user 54 May 3 02:17 my-webapp
-rw-r--r--. 1 ec2-user ec2-user 2085 May 3 02:17 my-webapp.war
[ec2-user@ip-172-31-5-77 webapps]$ cd manager
[ec2-user@ip-172-31-5-77 manager]$ ls -l
total 20
drwxr-x---. 2 ec2-user ec2-user 25 May 2 23:57 META-INF
drwxr-x---. 3 ec2-user ec2-user 32 May 2 23:57 WEB-INF
drwxr-x---. 2 ec2-user ec2-user 25 May 2 23:57 css
drwxr-x---. 2 ec2-user ec2-user 44 May 2 23:57 images
-rw-r-----. 1 ec2-user ec2-user 913 Apr 1 14:40 index.jsp
-rw-r-----. 1 ec2-user ec2-user 4374 Apr 1 14:40 status.xsd
-rw-r-----. 1 ec2-user ec2-user 4709 Apr 1 14:40 xform.xml
[ec2-user@ip-172-31-5-77 manager]$ █

```

```

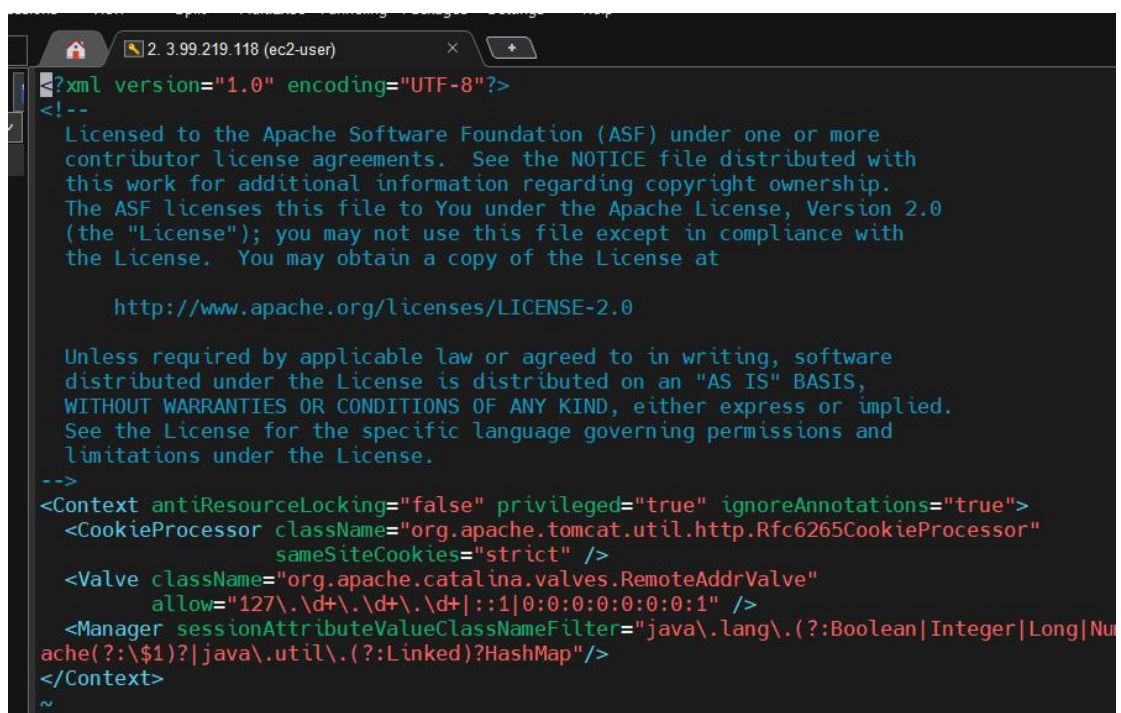
drwxr-x---. 8 ec2-user ec2-user 119 May 3 02:17 webapps
drwxr-x---. 3 ec2-user ec2-user 22 May 3 00:34 work
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ cd webapps/
[ec2-user@ip-172-31-5-77 webapps]$ ls -l
total 36
drwxr-x---. 3 ec2-user ec2-user 16384 May 2 23:57 ROOT
drwxr-x---. 16 ec2-user ec2-user 16384 May 2 23:57 docs
drwxr-x---. 7 ec2-user ec2-user 99 May 2 23:57 examples
drwxr-x---. 6 ec2-user ec2-user 79 May 2 23:57 host-manager
drwxr-x---. 6 ec2-user ec2-user 114 May 2 23:57 manager
drwxr-x---. 4 ec2-user ec2-user 54 May 3 02:17 my-webapp
-rw-r--r--. 1 ec2-user ec2-user 2085 May 3 02:17 my-webapp.war
[ec2-user@ip-172-31-5-77 webapps]$ cd manager
[ec2-user@ip-172-31-5-77 manager]$ ls -l
total 20
drwxr-x---. 2 ec2-user ec2-user 25 May 2 23:57 META-INF
drwxr-x---. 3 ec2-user ec2-user 32 May 2 23:57 WEB-INF
drwxr-x---. 2 ec2-user ec2-user 25 May 2 23:57 css
drwxr-x---. 2 ec2-user ec2-user 44 May 2 23:57 images
-rw-r-----. 1 ec2-user ec2-user 913 Apr 1 14:40 index.jsp
-rw-r-----. 1 ec2-user ec2-user 4374 Apr 1 14:40 status.xsd
-rw-r-----. 1 ec2-user ec2-user 4709 Apr 1 14:40 xform.xsl
[ec2-user@ip-172-31-5-77 manager]$
[ec2-user@ip-172-31-5-77 manager]$
[ec2-user@ip-172-31-5-77 manager]$ cd META-INF/
[ec2-user@ip-172-31-5-77 META-INF]$ ls -l
total 4
-rw-r-----. 1 ec2-user ec2-user 1376 Apr 1 14:40 context.xml
[ec2-user@ip-172-31-5-77 META-INF]$

```

```

-rw-r-----. 1 ec2-user ec2-user 1376 Apr 1 14:40 context.xml
[ec2-user@ip-172-31-5-77 META-INF]$ vi context.xml

```



The screenshot shows a web browser window with the address bar displaying "2. 3.99.219.118 (ec2-user)". The main content area shows the Apache License 2.0 text, which is displayed in a code editor format. The text includes the license header, the full text of the license, and the URL "http://www.apache.org/licenses/LICENSE-2.0". The code editor has a dark background and syntax highlighting.

```

<?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" ignoreAnnotations="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|Nu
    mber|String|StringBuilder|java\.util\.(?:Linked)?HashMap"/>
</Context>
~

```


Change allow

```
allow=".*" />
```

I am doing everything to access Tomcat from Windows machine but currently Tomcat is on Linux machine

```
total 4
-rw-r-----. 1 ec2-user ec2-user 1376 Apr  1 14:40 context.xml
[ec2-user@ip-172-31-5-77 META-INF]$ vi context.xml
[ec2-user@ip-172-31-5-77 META-INF]$ vi context.xml
[ec2-user@ip-172-31-5-77 META-INF]$ cd ~
[ec2-user@ip-172-31-5-77 ~]$ cd apache-tomcat-11.0.6/
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ cd conf
[ec2-user@ip-172-31-5-77 conf]$ ls -l
total 212
drwxr-x---. 3 ec2-user ec2-user    23 May  3 00:34 Catalina
-rw-----. 1 ec2-user ec2-user   6636 Apr  1 14:40 catalina.properties
-rw-----. 1 ec2-user ec2-user   1411 Apr  1 14:40 context.xml
-rw-----. 1 ec2-user ec2-user   1149 Apr  1 14:40 jaspic-providers.xml
-rw-----. 1 ec2-user ec2-user   2313 Apr  1 14:40 jaspic-providers.xsd
-rw-----. 1 ec2-user ec2-user   4003 Apr  1 14:40 logging.properties
-rw-----. 1 ec2-user ec2-user   6905 Apr  1 14:40 server.xml
-rw-----. 1 ec2-user ec2-user   2756 Apr  1 14:40 tomcat-users.xml
-rw-----. 1 ec2-user ec2-user   2558 Apr  1 14:40 tomcat-users.xsd
-rw-----. 1 ec2-user ec2-user 172418 Apr  1 14:40 web.xml
[ec2-user@ip-172-31-5-77 conf]$ vi tomcat-users.x
[ec2-user@ip-172-31-5-77 conf]$ vi tomcat-users.xml
[ec2-user@ip-172-31-5-77 conf]$
```

Add two rolenames

```
<!--
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="tomcat"/>
<role rolename="role1"/>
<user username="tomcat" password="<must-be-changed>" roles="tomcat"/>
<user username="both" password="<must-be-changed>" roles="tomcat,role1"/>
<user username="role1" password="<must-be-changed>" roles="role1"/>
-->

<role rolename="tomcat"/>
<role rolename="role1"/>
</tomcat-users>
```

Add new users


```

-->
<!--
<role rolename="tomcat"/>
<role rolename="role1"/>
<user username="tomcat" password="<must-be-changed>" roles="tomcat"/>
<user username="both" password="<must-be-changed>" roles="tomcat,role1"/>
<user username="role1" password="<must-be-changed>" roles="role1"/>
-->

<role rolename="manager-gui"/>
<role rolename="manager-script"/>
<role rolename="admin-gui"/>

<user username="tomcat" password="tomcat" roles="manager-gui"/>
<user username="admin" password="admin" roles="admin-gui"/>

</tomcat-users>

```

I am doing everything to access Tomcat from Windows machine but currently Tomcat is on Linux machine

```

them. You will also need to set the passwords to something appropriate.
-->
<!--
<role rolename="tomcat"/>
<role rolename="role1"/>
<user username="tomcat" password="<must-be-changed>" roles="tomcat"/>
<user username="both" password="<must-be-changed>" roles="tomcat,role1"/>
<user username="role1" password="<must-be-changed>" roles="role1"/>
-->

<role rolename="manager-gui"/>
<role rolename="manager-script"/>
<role rolename="admin-gui"/>

<user username="tomcat" password="tomcat" roles="manager-gui"/>
<user username="admin" password="admin" roles="admin-gui,manager-gui,manager-script"/>

</tomcat-users>
[ec2-user@ip-172-31-5-77 conf]$
[ec2-user@ip-172-31-5-77 conf]$ cd ~
[ec2-user@ip-172-31-5-77 ~]$
[ec2-user@ip-172-31-5-77 ~]$
[ec2-user@ip-172-31-5-77 ~]$ cd apache-tomcat-11.0.6/
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ cd bin
[ec2-user@ip-172-31-5-77 bin]$ sh startup.sh

```

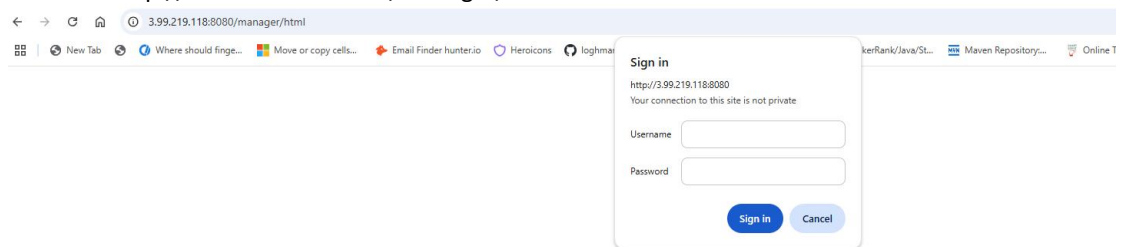
```

[ec2-user@ip-172-31-5-77 ~]$
[ec2-user@ip-172-31-5-77 ~]$ cd apache-tomcat-11.0.6/
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ cd bin
[ec2-user@ip-172-31-5-77 bin]$ sh startup.sh
Using CATALINA_BASE:   /home/ec2-user/apache-tomcat-11.0.6
Using CATALINA_HOME:   /home/ec2-user/apache-tomcat-11.0.6
Using CATALINA_TMPDIR: /home/ec2-user/apache-tomcat-11.0.6/temp
Using JRE_HOME:        /usr
Using CLASSPATH:        /home/ec2-user/apache-tomcat-11.0.6/bin/bootstrap.jar:/home/ec2-user/apache-tomcat-11.0.6/bin/tomcat-juli.jar
Tomcat started.
[ec2-user@ip-172-31-5-77 bin]$

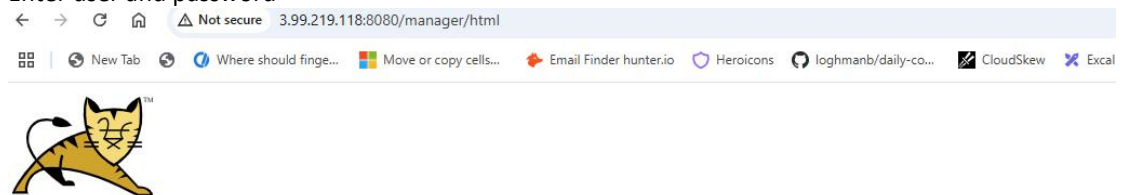
```

```
[ec2-user@ip-172-31-5-77 ~]$
[ec2-user@ip-172-31-5-77 ~]$ cd apache-tomcat-11.0.6/
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ cd bin
[ec2-user@ip-172-31-5-77 bin]$ sh startup.sh
Using CATALINA_BASE:   /home/ec2-user/apache-tomcat-11.0.6
Using CATALINA_HOME:   /home/ec2-user/apache-tomcat-11.0.6
Using CATALINA_TMPDIR: /home/ec2-user/apache-tomcat-11.0.6/temp
Using JRE_HOME:        /usr
Using CLASSPATH:       /home/ec2-user/apache-tomcat-11.0.6/bin/bootstrap.jar
Using CATALINA_OPTS:
Tomcat started.
[ec2-user@ip-172-31-5-77 bin]$
```

Public IP: <http://3.99.219.118:8080/manager/html>



Enter user and password



Click on WAR file then Deploy

Deploy	
WAR file to deploy	
Select WAR file to upload	<input type="button" value="Choose File"/> <input type="button" value="No file chosen"/>
Deploy	

Inside conf folder

```

Tomcat started.
[ec2-user@ip-172-31-5-77 bin]$ cd ..
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ cd conf
[ec2-user@ip-172-31-5-77 conf]$ ls -l
total 212
drwxr-x---. 3 ec2-user ec2-user    23 May  3 00:34 Catalina
-rw-----. 1 ec2-user ec2-user   6636 Apr  1 14:40 catalina.properties
-rw-----. 1 ec2-user ec2-user   1411 Apr  1 14:40 context.xml
-rw-----. 1 ec2-user ec2-user   1149 Apr  1 14:40 jaspic-providers.xml
-rw-----. 1 ec2-user ec2-user   2313 Apr  1 14:40 jaspic-providers.xsd
-rw-----. 1 ec2-user ec2-user   4003 Apr  1 14:40 logging.properties
-rw-----. 1 ec2-user ec2-user   6905 Apr  1 14:40 server.xml
-rw-----. 1 ec2-user ec2-user   3015 May  3 02:58 tomcat-users.xml
-rw-----. 1 ec2-user ec2-user   2558 Apr  1 14:40 tomcat-users.xsd
-rw-----. 1 ec2-user ec2-user 172418 Apr  1 14:40 web.xml
[ec2-user@ip-172-31-5-77 conf]$

```

```
[ec2-user@ip-172-31-5-77 conf]$ vi server.xml
```

Change to port 8484

```

Define a non-SSL/TLS HTTP/1.1 Connector
-->
<Connector port="8484" 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"

```

```
[ec2-user@ip-172-31-5-77 bin]$ sh shutdown.sh
```

```
[ec2-user@ip-172-31-5-77 bin]$ sh startup.sh
```

```

[ec2-user@ip-172-31-5-77 conf]$ cd ..
[ec2-user@ip-172-31-5-77 apache-tomcat-11.0.6]$ cd bin
[ec2-user@ip-172-31-5-77 bin]$ sh shutdown.sh
Using CATALINA_BASE:   /home/ec2-user/apache-tomcat-11.0.6
Using CATALINA_HOME:   /home/ec2-user/apache-tomcat-11.0.6
Using CATALINA_TMPDIR: /home/ec2-user/apache-tomcat-11.0.6/temp
Using JRE_HOME:        /usr
Using CLASSPATH:       /home/ec2-user/apache-tomcat-11.0.6/bin/bootstrap.jar
Using CATALINA_OPTS:
[ec2-user@ip-172-31-5-77 bin]$ sh startup.sh
Using CATALINA_BASE:   /home/ec2-user/apache-tomcat-11.0.6
Using CATALINA_HOME:   /home/ec2-user/apache-tomcat-11.0.6
Using CATALINA_TMPDIR: /home/ec2-user/apache-tomcat-11.0.6/temp
Using JRE_HOME:        /usr
Using CLASSPATH:       /home/ec2-user/apache-tomcat-11.0.6/bin/bootstrap.jar
Using CATALINA_OPTS:
Tomcat started.
[ec2-user@ip-172-31-5-77 bin]$

```

<http://3.99.219.118:8484/>

See now it is running on 8484

Not secure3.99.219.118:8484

Where should finge...

Move or copy cells...

Email Finder hunter.io

Heroicons


loghmanb/daily-co...

CloudSkew

HomeDocumentationConfigurationExamplesWikiMailing

Apache Tomcat/11.0.6

If you're seeing this, you've successfully



Recommended Reading:
[Security Considerations How-To](#)

<http://3.99.219.118:8484/manager/html>

3.99.219.118:8484/manager/html

Where should finge...

Move or copy cells...

Email Finder hunter.io

Heroicons

loghmanb/daily-co...

kerRan

Sign in

http://3.99.219.118:8484
Your connection to this site is not private

Username

Password

Sign in

Cancel

Not secure3.99.219.118:8484/manager/html

Where should finge...

Move or copy cells...

Email Finder hunter.io

Heroicons

loghmanb/daily-co...

CloudSkew

Excalidraw

Tomcat Web Application Man

OK

HTML Manager Help