




# MINI PROJECT-3


## TOMCAT SERVER CONFIGURATION OVER JENKINS






[Alt+S]







Asia Pacific (Mumbai) ▾

Account ID: 2686-9716-8542 ▾

Rajesh S

Verifying : libXtst-1.2.5-1.amzn2023.0.1.x86\_64 18/24

Verifying : libbrotli-1.0.9-4.amzn2023.0.2.x86\_64 19/24

Verifying : libpng-2:1.6.37-10.amzn2023.0.6.x86\_64 20/24

Verifying : libxcb-1.17.0-1.amzn2023.0.1.x86\_64 21/24

Verifying : pixman-0.43.4-1.amzn2023.0.4.x86\_64 22/24

Verifying : xml-common-0.6.3-56.amzn2023.0.2.noarch 23/24

Verifying : temurin-18-jdk-18.0.2.1.0.1-1.x86\_64 24/24

Installed:

alsa-lib-1.2.7.2-1.amzn2023.0.2.x86\_64

cairo-1.18.0-4.amzn2023.0.2.x86\_64

dejavu-sans-fonts-2.37-16.amzn2023.0.2.noarch

fontconfig-2.13.94-2.amzn2023.0.2.x86\_64

fonts-filesystem-1:2.0.5-12.amzn2023.0.2.noarch

freetype-2.13.2-5.amzn2023.0.1.x86\_64

google-noto-fonts-common-20240401-1.amzn2023.0.2.noarch

google-noto-sans-vf-fonts-20240401-1.amzn2023.0.2.noarch

graphite2-1.3.14-7.amzn2023.0.2.x86\_64

harfbuzz-7.0.0-2.amzn2023.0.2.x86\_64

langpacks-core-font-en-3.0-21.amzn2023.0.4.noarch

libX11-1.8.10-2.amzn2023.0.1.x86\_64

libX11-common-1.8.10-2.amzn2023.0.1.noarch

libXau-1.0.11-6.amzn2023.0.1.x86\_64

libXext-1.3.6-1.amzn2023.0.1.x86\_64

libXi-1.8.2-1.amzn2023.0.1.x86\_64

libXrender-0.9.11-6.amzn2023.0.1.x86\_64

libXtst-1.2.5-1.amzn2023.0.1.x86\_64

libbrotli-1.0.9-4.amzn2023.0.2.x86\_64

libpng-2:1.6.37-10.amzn2023.0.6.x86\_64

libxcb-1.17.0-1.amzn2023.0.1.x86\_64

pixman-0.43.4-1.amzn2023.0.4.x86\_64

temurin-18-jdk-18.0.2.1.0.1-1.x86\_64

xml-common-0.6.3-56.amzn2023.0.2.noarch

Complete!

[root@ip-10-0-1-25 ~]# java -version

openjdk version "18.0.2.1" 2022-08-18

OpenJDK Runtime Environment Temurin-18.0.2.1+1 (build 18.0.2.1+1)

OpenJDK 64-Bit Server VM Temurin-18.0.2.1+1 (build 18.0.2.1+1, mixed mode, sharing)

[root@ip-10-0-1-25 ~]# echo 'export JAVA\_HOME=/usr/lib/jvm/temurin-18-jdk' | sudo tee -a /etc/profile

export JAVA\_HOME=/usr/lib/jvm/temurin-18-jdk

[root@ip-10-0-1-25 ~]# echo 'export PATH=\$JAVA\_HOME/bin:\$PATH' | sudo tee -a /etc/profile

export PATH=\$JAVA\_HOME/bin:\$PATH

[root@ip-10-0-1-25 ~]# source /etc/profile

[root@ip-10-0-1-25 ~]# echo \$JAVA\_HOME

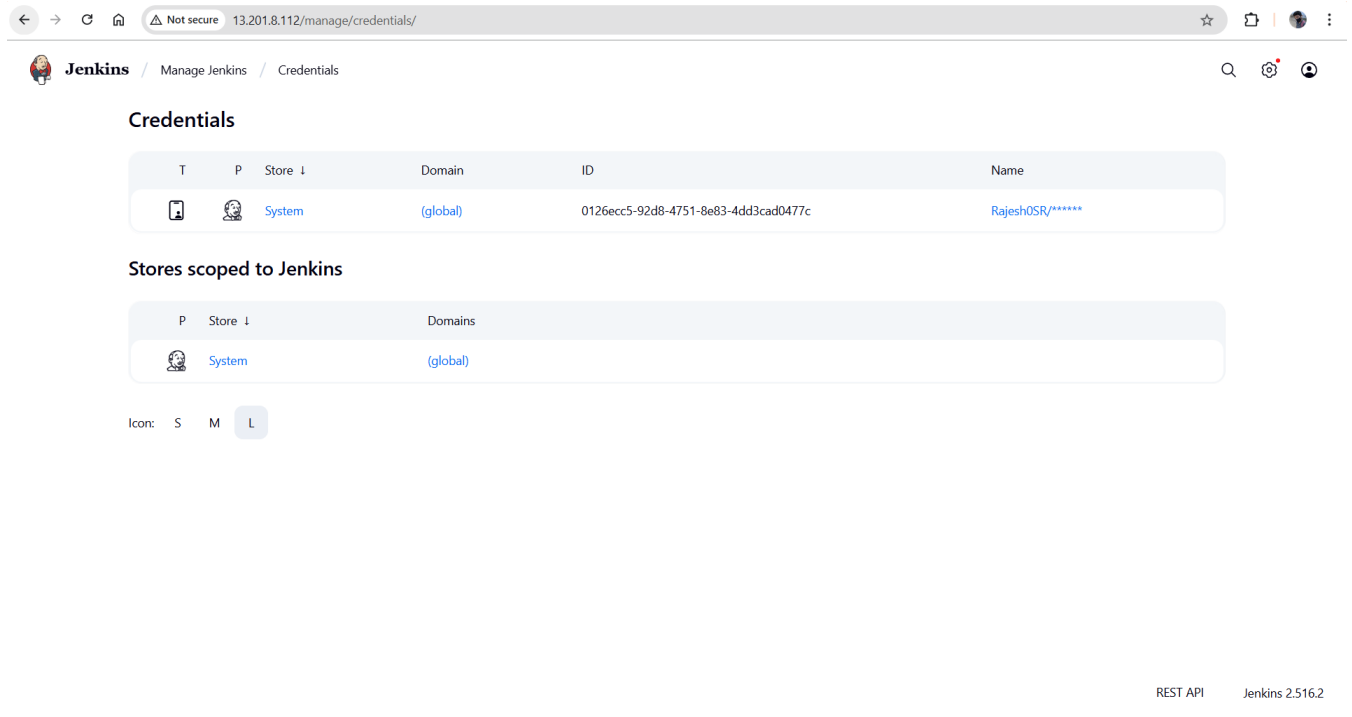
/usr/lib/jvm/temurin-18-jdk

[root@ip-10-0-1-25 ~]#

i-00a70feba8c3a43de (Tomcat-Server)

PublicIPs: 13.201.79.100 PrivateIPs: 10.0.1.25

## ADDING CREDENTIALS OF GITHUB:



The screenshot shows the Jenkins 'Manage Credentials' page. The browser address bar indicates the URL is 13.201.8.112/manage/credentials/. The page header shows 'Jenkins / Manage Jenkins / Credentials'. The main section is titled 'Credentials' and contains a table with one entry:

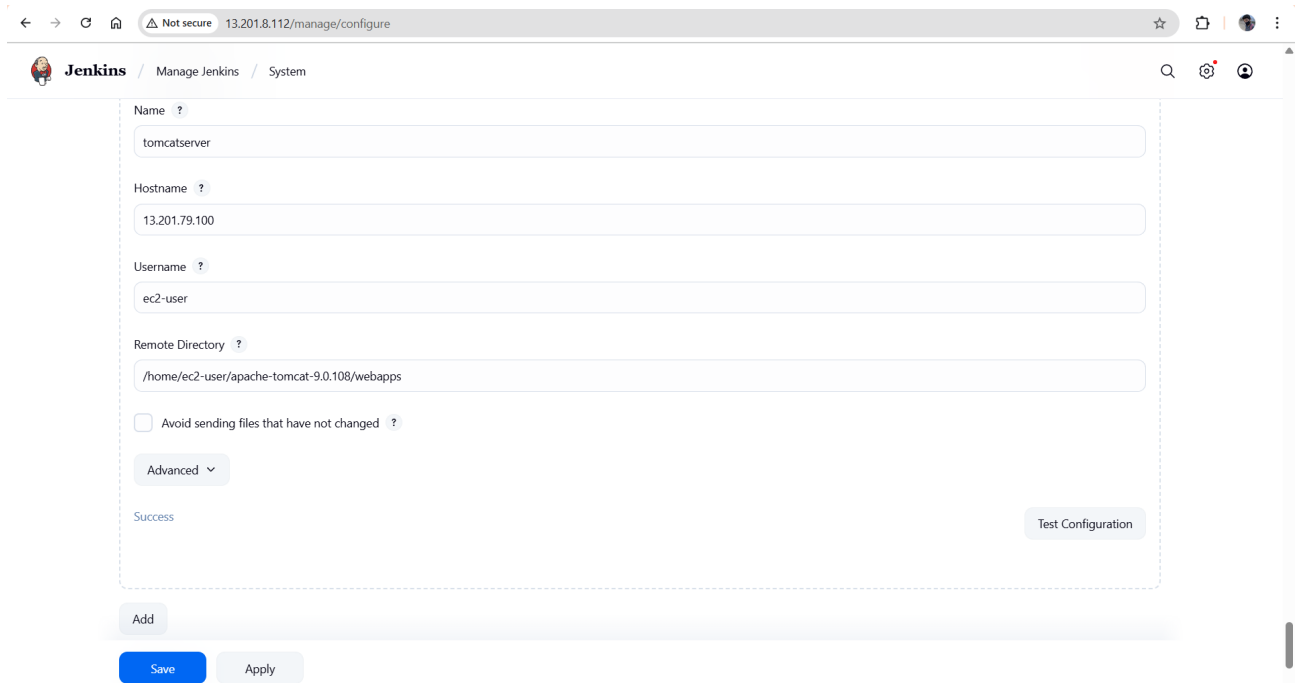
T	P	Store	Domain	ID	Name
		System	(global)	0126ecc5-92d8-4751-8e83-4dd3cad0477c	Rajesh0SR/*****

Below the table is a section titled 'Stores scoped to Jenkins' with a table showing the 'System' store for the '(global)' domain.

At the bottom, there are filter buttons for 'Icon', 'S', 'M', and 'L', with 'L' currently selected.

The footer of the page includes 'REST API' and 'Jenkins 2.516.2'.

## CONFIGURING TOMCAT SERVER:



The screenshot shows the Jenkins 'Manage System' page. The browser address bar indicates the URL is 13.201.8.112/manage/configure. The page header shows 'Jenkins / Manage Jenkins / System'. The main form contains the following fields:

- Name: tomcatserver
- Hostname: 13.201.79.100
- Username: ec2-user
- Remote Directory: /home/ec2-user/apache-tomcat-9.0.108/webapps
- ☐ Avoid sending files that have not changed
- Advanced: dropdown menu

Below the form, there is a 'Success' message and a 'Test Configuration' button. At the bottom of the page, there are 'Add', 'Save', and 'Apply' buttons.

← → ↺ 🏠 🔒 Not secure 13.201.8.112/manage/configure ☆ 📄 👤 ⋮

**Jenkins** / Manage Jenkins / System 🔍 ⚙️ 👤

Passphrase ?

Path to key ?

Key ?

☐ Disable exec ?

SSH Servers

SSH Server

Name ?

tomcatserver

Hostname ?

13.201.70.100

Save Apply

## 1 ST BULD:

← → ↺ 🏠 🔒 Not secure 13.201.8.112/job/addressbook/ws/ ☆ 📄 👤 ⋮

**Jenkins** / addressbook / Workspace of addressbook on Built-In Node 🔍 ⚙️ 👤

Status

Workspace

Wipe Out Current Workspace

Build Now

Configure

Delete Project

Rename

### Workspace of addressbook on Built-In Node

addressbook /

- [.git](#)
- [src/main/java/com/vaadin/tutorial/addressbook](#)
- [target](#)
- [addressbook\\_screenshot.png](#) Aug 25, 2025, 4:31:46 PM 114.16 KiB 🔓 🔗
- [Application.yaml](#) Aug 25, 2025, 4:31:46 PM 557 B 🔓 🔗
- [Directly on server](#) Aug 25, 2025, 4:31:46 PM 158 B 🔓 🔗
- [Dockerfile](#) Aug 25, 2025, 4:31:46 PM 281 B 🔓 🔗
- [pom.xml](#) Aug 25, 2025, 4:31:46 PM 3.57 KiB 🔓 🔗
- [README.md](#) Aug 25, 2025, 4:31:46 PM 3.18 KiB 🔓 🔗

(all files in zip)

Builds

Filter

Today

🟢 #1 4:31 PM

← → ↻ 🏠 Not secure 13.201.8.112/job/addressbook/1/console ☆ 🗂️ 👤 ⋮

Jenkins / addressbook / #1 / Console Output 🔍 ⚙️ 👤

```
Progress (2): 521/632 kB | 263 kB
Progress (2): 538/632 kB | 263 kB
Progress (2): 554/632 kB | 263 kB
Progress (2): 570/632 kB | 263 kB

Downloaded from central: https://repo.maven.apache.org/maven2/org/codehaus/plexus/plexus-utils/3.3.0/plexus-utils-3.3.0.jar (263 kB at 1.0 MB/s)
Progress (1): 587/632 kB
Progress (1): 603/632 kB
Progress (1): 619/632 kB
Progress (1): 632 kB

Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/commons/commons-compress/1.20/commons-compress-1.20.jar (632 kB at 2.4 MB/s)
[INFO] Packaging webapp
[INFO] Assembling webapp [addressbook] in [/var/jenkins_home/workspace/addressbook/target/addressbook-2.0]
[INFO] Processing war project
[INFO] Building war: /var/jenkins_home/workspace/addressbook/target/addressbook-2.0.war
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 10.145 s
[INFO] Finished at: 2025-08-25T16:32:32Z
[INFO] -----
Finished: SUCCESS
```

REST API Jenkins 2.516.2

## 2 ND BUILD:

← → ↻ 🏠 Not secure 13.201.8.112/job/addressbook/ ☆ 🗂️ 👤 ⋮

Jenkins / addressbook 🔍 ⚙️ 👤

📄 Status ✅ addressbook Edit description

</> Changes

📁 Workspace

▶ Build Now

⚙️ Configure

🗑️ Delete Project

✎ Rename

mini project - 3

**Permalinks**

- Last build (#2), 2 min 11 sec ago
- Last stable build (#2), 2 min 11 sec ago
- Last successful build (#2), 2 min 11 sec ago
- Last completed build (#2), 2 min 11 sec ago

**Builds** ⋮ ↗


🔍 Filter /

Today

- ✅ #2 4:41 PM ▼
- ✅ #1 4:31 PM ▼

REST API Jenkins 2.516.2

← → ↺ ⚙ ⚠ Not secure 13.201.8.112/job/addressbook@/console

 Jenkins / addressbook / #2 / Console Output

🔍 ⚙ 👤

```
[INFO] --- resources:3.3.1:testResources (default-testResources) @ addressbook ---
[INFO] skip non existing resourceDirectory /var/jenkins_home/workspace/addressbook/src/test/resources
[INFO]
[INFO] --- compiler:3.2:testCompile (default-testCompile) @ addressbook ---
[INFO] No sources to compile
[INFO]
[INFO] --- surefire:3.2.5:test (default-test) @ addressbook ---
[INFO] No tests to run.
[INFO]
[INFO] --- war:3.3.1:war (default-war) @ addressbook ---
[INFO] Packaging webapp
[INFO] Assembling webapp [addressbook] in [/var/jenkins_home/workspace/addressbook/target/addressbook-2.0]
[INFO] Processing war project
[INFO] Building war: /var/jenkins_home/workspace/addressbook/target/addressbook-2.0.war
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 5.042 s
[INFO] Finished at: 2025-08-25T16:41:18Z
[INFO] -----
SSH: Connecting from host [9f709a6d808]
SSH: Connecting with configuration [tomcatserver] ...
SSH: Disconnecting configuration [tomcatserver] ...
SSH: Transferred 1 file(s)
Finished: SUCCESS
```

13.201.8.112

REST API

Jenkins 2.516.2