

TOMCAT

COMMANDS

Sudo apt-get update -y

Sudo apt-get install git

Git init

Sudo apt install default-jdk-y

Sudo apt-get install maven -y

Wget tomcat url

tar -xvzf apache tomcat -9.0.91.tar.gz

rm -rf apache -tomcat -9.0.91.tar.gz

mv apache-tomcat-9.0.91 tomcat

sh tomcat/bin/startup.sh

git clone "java url"

GIVING PORTS PERMISSIONS

HTTPS

CUSTOM TCP

HTTP

cd java-hello-work-with-maven

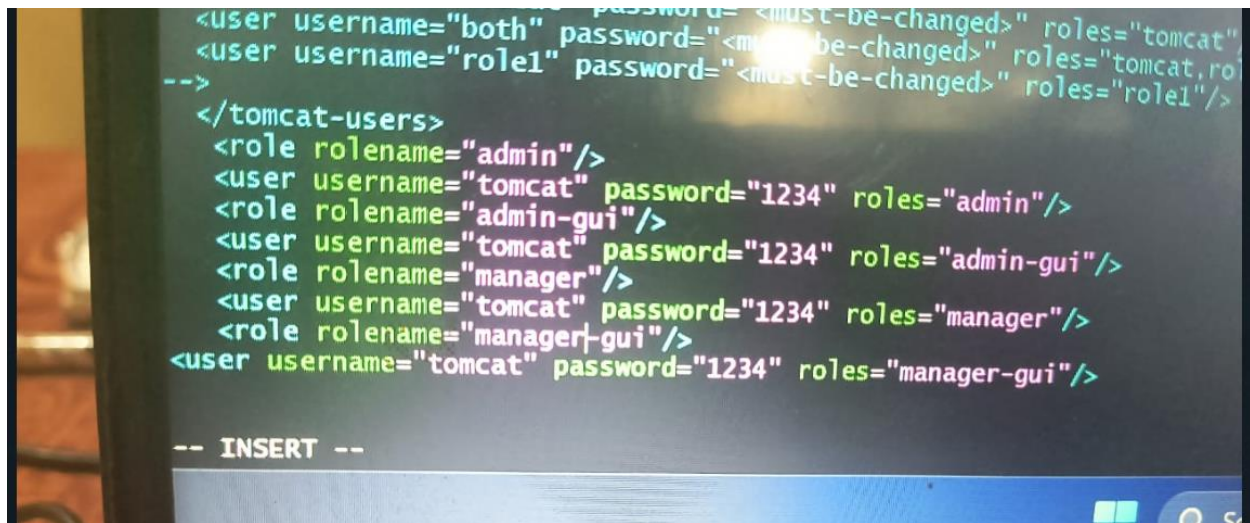
ls

mvn clean install

cd tomcat

cd config

vi tomcat-users.xml



```
<user username="both" password="<must-be-changed>" roles="tomcat" />
<user username="role1" password="<must-be-changed>" roles="tomcat,role1" />
-->
</tomcat-users>
<role rolename="admin"/>
<user username="tomcat" password="1234" roles="admin"/>
<role rolename="admin-gui"/>
<user username="tomcat" password="1234" roles="admin-gui"/>
<role rolename="manager"/>
<user username="tomcat" password="1234" roles="manager"/>
<role rolename="manager-gui"/>
<user username="tomcat" password="1234" roles="manager-gui"/>

-- INSERT --
```

Cd tomcat

Cd webapps

Cd manager

Cd META-INF

vi context.xml

cd host-manager

cd META-INF

vi context.xml



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	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/docs	None specified	Tomcat Documentation	true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/examples	None specified	Servlet and JSP Examples	true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/host-manager	None specified		false	0	Start Stop Reload Undeploy
/manager	None specified	Tomcat Manager Application	true	2	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes

Deploy

Destination: /usr/local/tomcat/webapps/manager/WEB-INF/classes/

Server Status

Manager			
List Applications	HTML Manager Help	Manager Help	Complete Server Status

Server Information							
Tomcat Version	JVM Version	JVM Vendor	OS Name	OS Version	OS Architecture	Hostname	IP Address
Apache Tomcat/9.0.91	21.0.4+7-Ubuntu-1ubuntu224.04	Ubuntu	Linux	6.8.0-1009-aws	amd64	ip-172-31-25-193	172.31.25.193

JVM

Free Memory: 1.21 MiB Total Memory: 25.61 MiB Max Memory: 232.00 MiB

Memory Pool	Type	Initial	Total	Maximum	Used
Eden Space	Heap memory	4.31 MiB	7.12 MiB	64.00 MiB	7.12 MiB (11%)
Survivor Space	Heap memory	0.50 MiB	0.87 MiB	8.00 MiB	0.72 MiB (9%)
Tenured Gen	Heap memory	10.68 MiB	17.61 MiB	160.00 MiB	16.54 MiB (10%)
CodeHeap 'non-nmethods'	Non-heap memory	2.43 MiB	2.43 MiB	5.55 MiB	1.24 MiB (22%)
CodeHeap 'non-profiled nmethods'	Non-heap memory	2.43 MiB	2.43 MiB	117.22 MiB	1.92 MiB (1%)
CodeHeap 'profiled nmethods'	Non-heap memory	2.43 MiB	10.12 MiB	117.21 MiB	10.11 MiB (8%)
Compressed Class Space	Non-heap memory	0.00 MiB	2.56 MiB	1024.00 MiB	2.38 MiB (0%)
Metaspace	Non-heap memory	0.00 MiB	26.56 MiB	-0.00 MiB	26.18 MiB

"http-nio-8080"

Max threads: 200 Current thread count: 10 Current threads busy: 1 Keep alive sockets count: 1
Max processing time: 2607 ms Processing time: 3.191 s Request count: 10 Error count: 7 Bytes received: 0.00 MiB Bytes sent: 0.03 MiB

Stage	Time	Bytes Sent	Bytes Recv	Client (Forwarded)	Client (Actual)	VHost	Request
S	40 ms	0 KiB	0 KiB	49.204.229.216	49.204.229.216	34.204.44.33	GET /manager/status HTTP/1.1

Tomcat Virtual Host Manager

Message:	OK
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Host Manager			
List Virtual Hosts	HTML Host Manager Help	Host Manager Help	Server Status

Host name		
Host name	Host aliases	Commands
localhost		Host Manager installed - commands disabled

Add Virtual Host	
Host	
Name:	<input type="text"/>
Aliases:	<input type="text"/>
App base:	<input type="text"/>
AutoDeploy	<input checked="" type="checkbox"/>
DeployOnStartup	<input checked="" type="checkbox"/>
DeployXML	<input checked="" type="checkbox"/>
UnpackWARs	<input checked="" type="checkbox"/>
Manager App	<input checked="" type="checkbox"/>
CopyXML	<input type="checkbox"/>
<input type="button" value="Add"/>	

Persist configuration
<small>Alt: Save current configuration (including virtual hosts) to server.xml and use web application context.xml files</small>