[root@node1 bin]#

[root@node1 bin]# ./startup.sh

Using CATALINA\_BASE: /opt/tomcat

Using CATALINA\_HOME: /opt/tomcat

Using CATALINA\_TMPDIR: /opt/tomcat/temp

Using JRE\_HOME: /

Using CLASSPATH: /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/bin/tomcat-juli.jar

Tomcat started.

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]# !ps

ps -ef | grep -i tomcat

root 13413 1 88 02:39 pts/0 00:00:02 //bin/java -Djava.util.logging.config.file=/opt/tomcat/conf/logging.properties -Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager -Djdk.tls.ephemeralDHKeySize=2048 -Djava.protocol.handler.pkgs=org.apache.catalina.webresources -Dorg.apache.catalina.security.SecurityListener.UMASK=0027 -Dignore.endorsed.dirs= -classpath /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/bin/tomcat-juli.jar -Dcatalina.base=/opt/tomcat -Dcatalina.home=/opt/tomcat -Djava.io.tmpdir=/opt/tomcat/temp org.apache.catalina.startup.Bootstrap start

root 13457 13024 0 02:39 pts/0 00:00:00 grep --color=auto -i tomcat

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]# ./shutdown.sh

Using CATALINA\_BASE: /opt/tomcat

Using CATALINA\_HOME: /opt/tomcat

Using CATALINA\_TMPDIR: /opt/tomcat/temp

Using JRE\_HOME: /

Using CLASSPATH: /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/bin/tomcat-juli.jar

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]# clear

[root@node1 bin]# ps -ef | grep -i tomcat

root 13487 13024 0 02:40 pts/0 00:00:00 grep --color=auto -i tomcat

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]# ./startup.sh

Using CATALINA\_BASE: /opt/tomcat

Using CATALINA\_HOME: /opt/tomcat

Using CATALINA\_TMPDIR: /opt/tomcat/temp

Using JRE\_HOME: /

Using CLASSPATH: /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/bin/tomcat-juli.jar

Tomcat started.

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]# !ps

ps -ef | grep -i tomcat

root 13504 1 89 02:40 pts/0 00:00:02 //bin/java -Djava.util.logging.config.file=/opt/tomcat/conf/logging.properties -Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager -Djdk.tls.ephemeralDHKeySize=2048 -Djava.protocol.handler.pkgs=org.apache.catalina.webresources -Dorg.apache.catalina.security.SecurityListener.UMASK=0027 -Dignore.endorsed.dirs= -classpath /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/bin/tomcat-juli.jar -Dcatalina.base=/opt/tomcat -Dcatalina.home=/opt/tomcat -Djava.io.tmpdir=/opt/tomcat/temp org.apache.catalina.startup.Bootstrap start

root 13548 13024 0 02:40 pts/0 00:00:00 grep --color=auto -i tomcat

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]# Connection reset by 18.224.150.201 port 22

pb186007@WINPB186007-S9F MINGW64 ~/Desktop

$ ssh -i "redhat1\_key.pem" ec2-user@ec2-18-224-150-201.us-east-2.compute.amazonaws.com

Last login: Fri Dec 21 01:55:48 2018 from 183.82.223.140

[ec2-user@node1 ~]$ sudo -i

[root@node1 ~]# cd /opt/tomcat/conf/

[root@node1 conf]# ls

Catalina catalina.properties jaspic-providers.xml logging.properties tomcat-users.xml tomcat-users.xsd

catalina.policy context.xml jaspic-providers.xsd server.xml tomcat-users.xml.org web.xml

[root@node1 conf]# cat context.xml

<?xml version="1.0" encoding="UTF-8"?>

<!--

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-->

<!-- The contents of this file will be loaded for each web application -->

<Context>

<!-- Default set of monitored resources. If one of these changes, the -->

<!-- web application will be reloaded. -->

<WatchedResource>WEB-INF/web.xml</WatchedResource>

<WatchedResource>${catalina.base}/conf/web.xml</WatchedResource>

<!-- Uncomment this to disable session persistence across Tomcat restarts -->

<!--

<Manager pathname="" />

-->

</Context>

[root@node1 conf]# ps -ef| grep tomcat^C

[root@node1 conf]# vi context.xml

[root@node1 conf]# cat context.xml

<?xml version="1.0" encoding="UTF-8"?>

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-->

<!-- The contents of this file will be loaded for each web application -->

<Context reloadable="true" privileged="true">

<!-- Default set of monitored resources. If one of these changes, the -->

<!-- web application will be reloaded. -->

<WatchedResource>WEB-INF/web.xml</WatchedResource>

<WatchedResource>${catalina.base}/conf/web.xml</WatchedResource>

<!-- Uncomment this to disable session persistence across Tomcat restarts -->

<!--

<Manager pathname="" />

-->

</Context>

[root@node1 conf]#

[root@node1 conf]# pwd

/opt/tomcat/conf

[root@node1 conf]# cd ..

[root@node1 tomcat]# ls

bin BUILDING.txt conf CONTRIBUTING.md lib LICENSE logs NOTICE README.md RELEASE-NOTES RUNNING.txt temp webapps work

[root@node1 tomcat]# cd bin/

[root@node1 bin]# ./shutdown.sh

Using CATALINA\_BASE: /opt/tomcat

Using CATALINA\_HOME: /opt/tomcat

Using CATALINA\_TMPDIR: /opt/tomcat/temp

Using JRE\_HOME: /

Using CLASSPATH: /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/bin/tomcat-juli.jar

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]# !ps

ps -ef| grep tomcat

root 13624 13575 0 02:50 pts/1 00:00:00 grep --color=auto tomcat

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]# pwd

/opt/tomcat/bin

[root@node1 bin]# ./startup.sh

Using CATALINA\_BASE: /opt/tomcat

Using CATALINA\_HOME: /opt/tomcat

Using CATALINA\_TMPDIR: /opt/tomcat/temp

Using JRE\_HOME: /

Using CLASSPATH: /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/bin/tomcat-juli.jar

Tomcat started.

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]# ps -ef| grep tomcat

root 13641 1 38 02:50 pts/1 00:00:02 //bin/java -Djava.util.logging.config.file=/opt/tomcat/conf/logging.properties -Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager -Djdk.tls.ephemeralDHKeySize=2048 -Djava.protocol.handler.pkgs=org.apache.catalina.webresources -Dorg.apache.catalina.security.SecurityListener.UMASK=0027 -Dignore.endorsed.dirs= -classpath /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/bin/tomcat-juli.jar -Dcatalina.base=/opt/tomcat -Dcatalina.home=/opt/tomcat -Djava.io.tmpdir=/opt/tomcat/temp org.apache.catalina.startup.Bootstrap start

root 13685 13575 0 02:51 pts/1 00:00:00 grep --color=auto tomcat

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]# //Error outout from broweser for http://18.224.150.201:8080/manager/

-bash: //Error: No such file or directory

[root@node1 bin]# echo "http://18.224.150.201:8080/manager/^C

[root@node1 bin]# pwd

/opt/tomcat/bin

[root@node1 bin]# ls -lrt

total 852

-rw-r-----. 1 root root 2026 Dec 12 12:07 version.bat

-rw-r-----. 1 root root 4574 Dec 12 12:07 tool-wrapper.bat

-rw-r-----. 1 root root 49336 Dec 12 12:07 tomcat-juli.jar

-rw-r-----. 1 root root 2022 Dec 12 12:07 startup.bat

-rw-r-----. 1 root root 2020 Dec 12 12:07 shutdown.bat

-rw-r-----. 1 root root 3460 Dec 12 12:07 setclasspath.bat

-rw-r-----. 1 root root 2091 Dec 12 12:07 digest.bat

-rw-r-----. 1 root root 2040 Dec 12 12:07 configtest.bat

-rw-r-----. 1 root root 25145 Dec 12 12:07 commons-daemon.jar

-rw-r-----. 1 root root 15900 Dec 12 12:07 catalina.bat

-rw-r-----. 1 root root 35051 Dec 12 12:07 bootstrap.jar

-rwxr-x---. 1 root root 1908 Dec 12 12:07 version.sh

-rwxr-x---. 1 root root 5515 Dec 12 12:07 tool-wrapper.sh

-rwxr-x---. 1 root root 1904 Dec 12 12:07 startup.sh

-rwxr-x---. 1 root root 1902 Dec 12 12:07 shutdown.sh

-rwxr-x---. 1 root root 3680 Dec 12 12:07 setclasspath.sh

-rwxr-x---. 1 root root 1965 Dec 12 12:07 digest.sh

-rwxr-x---. 1 root root 8508 Dec 12 12:07 daemon.sh

-rwxr-x---. 1 root root 1922 Dec 12 12:07 configtest.sh

-rwxr-x---. 1 root root 24218 Dec 12 12:07 catalina.sh

-rw-r-----. 1 root root 418183 Dec 12 12:07 tomcat-native.tar.gz

-rw-r-----. 1 root root 207125 Dec 12 12:07 commons-daemon-native.tar.gz

-rw-r-----. 1 root root 1664 Dec 12 12:23 catalina-tasks.xml

[root@node1 bin]# pwd

/opt/tomcat/bin

[root@node1 bin]# cd ../conf/

[root@node1 conf]# ls

Catalina catalina.properties jaspic-providers.xml logging.properties tomcat-users.xml tomcat-users.xsd

catalina.policy context.xml jaspic-providers.xsd server.xml tomcat-users.xml.org web.xml

[root@node1 conf]# pwd

/opt/tomcat/conf

[root@node1 conf]# vi context.xml

[root@node1 conf]# cat context.xml

<?xml version="1.0" encoding="UTF-8"?>

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-->

<!-- The contents of this file will be loaded for each web application -->

<!--

Context reloadable="true" privileged="true">

<!-- Default set of monitored resources. If one of these changes, the -->

<!-- web application will be reloaded. -->

<WatchedResource>WEB-INF/web.xml</WatchedResource>

<WatchedResource>${catalina.base}/conf/web.xml</WatchedResource>

<!-- Uncomment this to disable session persistence across Tomcat restarts -->

<!--

<Manager pathname="" />

-->

</Context>

-->

<Context privileged="true" antiResourceLocking="false"

docBase="${catalina.home}/webapps/manager">

<Valve className="org.apache.catalina.valves.RemoteAddrValve" allow="^.\*$" />

</Context>

[root@node1 conf]#

[root@node1 conf]#

[root@node1 conf]#

[root@node1 conf]# pwd

/opt/tomcat/conf

[root@node1 conf]# cd ../bin/

[root@node1 bin]# ./shutdown.sh

Using CATALINA\_BASE: /opt/tomcat

Using CATALINA\_HOME: /opt/tomcat

Using CATALINA\_TMPDIR: /opt/tomcat/temp

Using JRE\_HOME: /

Using CLASSPATH: /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/bin/tomcat-juli.jar

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]# !ps

ps -ef| grep tomcat

root 13724 13575 0 02:59 pts/1 00:00:00 grep --color=auto tomcat

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]# ./startup.sh

Using CATALINA\_BASE: /opt/tomcat

Using CATALINA\_HOME: /opt/tomcat

Using CATALINA\_TMPDIR: /opt/tomcat/temp

Using JRE\_HOME: /

Using CLASSPATH: /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/bin/tomcat-juli.jar

Tomcat started.

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]# !ps

ps -ef| grep tomcat

root 13741 1 42 02:59 pts/1 00:00:02 //bin/java -Djava.util.logging.config.file=/opt/tomcat/conf/logging.properties -Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager -Djdk.tls.ephemeralDHKeySize=2048 -Djava.protocol.handler.pkgs=org.apache.catalina.webresources -Dorg.apache.catalina.security.SecurityListener.UMASK=0027 -Dignore.endorsed.dirs= -classpath /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/bin/tomcat-juli.jar -Dcatalina.base=/opt/tomcat -Dcatalina.home=/opt/tomcat -Djava.io.tmpdir=/opt/tomcat/temp org.apache.catalina.startup.Bootstrap start

root 13785 13575 0 02:59 pts/1 00:00:00 grep --color=auto tomcat

[root@node1 bin]#

[root@node1 bin]#

[root@node1 bin]# ls -lrt

total 852

-rw-r-----. 1 root root 2026 Dec 12 12:07 version.bat

-rw-r-----. 1 root root 4574 Dec 12 12:07 tool-wrapper.bat

-rw-r-----. 1 root root 49336 Dec 12 12:07 tomcat-juli.jar

-rw-r-----. 1 root root 2022 Dec 12 12:07 startup.bat

-rw-r-----. 1 root root 2020 Dec 12 12:07 shutdown.bat

-rw-r-----. 1 root root 3460 Dec 12 12:07 setclasspath.bat

-rw-r-----. 1 root root 2091 Dec 12 12:07 digest.bat

-rw-r-----. 1 root root 2040 Dec 12 12:07 configtest.bat

-rw-r-----. 1 root root 25145 Dec 12 12:07 commons-daemon.jar

-rw-r-----. 1 root root 15900 Dec 12 12:07 catalina.bat

-rw-r-----. 1 root root 35051 Dec 12 12:07 bootstrap.jar

-rwxr-x---. 1 root root 1908 Dec 12 12:07 version.sh

-rwxr-x---. 1 root root 5515 Dec 12 12:07 tool-wrapper.sh

-rwxr-x---. 1 root root 1904 Dec 12 12:07 startup.sh

-rwxr-x---. 1 root root 1902 Dec 12 12:07 shutdown.sh

-rwxr-x---. 1 root root 3680 Dec 12 12:07 setclasspath.sh

-rwxr-x---. 1 root root 1965 Dec 12 12:07 digest.sh

-rwxr-x---. 1 root root 8508 Dec 12 12:07 daemon.sh

-rwxr-x---. 1 root root 1922 Dec 12 12:07 configtest.sh

-rwxr-x---. 1 root root 24218 Dec 12 12:07 catalina.sh

-rw-r-----. 1 root root 418183 Dec 12 12:07 tomcat-native.tar.gz

-rw-r-----. 1 root root 207125 Dec 12 12:07 commons-daemon-native.tar.gz

-rw-r-----. 1 root root 1664 Dec 12 12:23 catalina-tasks.xml

[root@node1 bin]# cd ../conf/

[root@node1 conf]# vi tomcat-users.xml

[root@node1 conf]# cat tomcat-users.xml

<?xml version="1.0" encoding="UTF-8"?>

<tomcat-users xmlns="http://tomcat.apache.org/xml"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://tomcat.apache.org/xml tomcat-users.xsd"

version="1.0">

<role rolename="manager-gui"/>

<role rolename="admin"/>

<user username="tomcat" password="se3ret" roles="manager-gui,admin"/>

</tomcat-users>

[root@node1 conf]# ls

Catalina catalina.properties jaspic-providers.xml logging.properties tomcat-users.xml tomcat-users.xsd

catalina.policy context.xml jaspic-providers.xsd server.xml tomcat-users.xml.org web.xml

[root@node1 conf]# ../bin/shutdown.sh

Using CATALINA\_BASE: /opt/tomcat

Using CATALINA\_HOME: /opt/tomcat

Using CATALINA\_TMPDIR: /opt/tomcat/temp

Using JRE\_HOME: /

Using CLASSPATH: /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/bin/tomcat-juli.jar

[root@node1 conf]#

[root@node1 conf]#

[root@node1 conf]# !ps

ps -ef| grep tomcat

root 13862 13575 0 03:01 pts/1 00:00:00 grep --color=auto tomcat

[root@node1 conf]#

[root@node1 conf]#

[root@node1 conf]# ../bin/startup.sh

Using CATALINA\_BASE: /opt/tomcat

Using CATALINA\_HOME: /opt/tomcat

Using CATALINA\_TMPDIR: /opt/tomcat/temp

Using JRE\_HOME: /

Using CLASSPATH: /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/bin/tomcat-juli.jar

Tomcat started.

[root@node1 conf]#

[root@node1 conf]#

[root@node1 conf]# !ps

ps -ef| grep tomcat

root 13879 1 72 03:02 pts/1 00:00:02 //bin/java -Djava.util.logging.config.file=/opt/tomcat/conf/logging.properties -Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager -Djdk.tls.ephemeralDHKeySize=2048 -Djava.protocol.handler.pkgs=org.apache.catalina.webresources -Dorg.apache.catalina.security.SecurityListener.UMASK=0027 -Dignore.endorsed.dirs= -classpath /opt/tomcat/bin/bootstrap.jar:/opt/tomcat/bin/tomcat-juli.jar -Dcatalina.base=/opt/tomcat -Dcatalina.home=/opt/tomcat -Djava.io.tmpdir=/opt/tomcat/temp org.apache.catalina.startup.Bootstrap start

root 13923 13575 0 03:02 pts/1 00:00:00 grep --color=auto tomcat

[root@node1 conf]#

[root@node1 conf]#

[root@node1 conf]# Connection reset by 18.224.150.201 port 22

pb186007@WINPB186007-S9F MINGW64 ~/Desktop

$