jenkins Install (Jenkins server)

1 sudo amazon-linux-extras install java-openjdk11 -y (must be)

2 java -version

3 sudo wget -O /etc/yum.repos.d/jenkins.repo \

https://pkg.jenkins.io/redhat-stable/jenkins.repo

4 sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io-2023.key

5 sudo yum update

6 sudo yum install jenkins -y

7 sudo systemctl enable jenkins

8 sudo systemctl start jenkins

9 sudo systemctl status jenkins

10 cat /var/lib/jenkins/secrets/initialAdminPassword <<<<<<<<<< password here >>>>>>>>>>

mvn installing in server

1. yum install git -y
2. git - -version
3. git clone < git code >
4. wget [http://repos.fedorapeople.org/repos/dchen/apache-maven/epel-apache-maven.repo -O /etc/yum.repos.d/epel-apache-maven.repo](http://repos.fedorapeople.org/repos/dchen/apache-maven/epel-apache-maven.repo%20-O%20/etc/yum.repos.d/epel-apache-maven.repo) (java-17-openjdk automatically installed)

5. sed -i s/\$releasever/6/g /etc/yum.repos.d/epel-apache-maven.repo

6. sudo yum install -y apache-maven

7. mvn - -version

8. java -version

9. update-alternatives --config java <<<<<<< select java-11 version for jenkins buliding>>>>>>>>>>

Build success.

Tomcat install (tomcat server)

1. sudo su
2. yum install -y java-1.8.0-openjdk-devel.x86\_64
3. wget < Install tomcat-9>
4. tar -xvf apache-tomcat-xxx.tar.gz
5. useradd tomcat
6. passwd tomcat
7. chown -R tomcat:tomcat /apache-tomcat-xxx
8. cd apache-tomcat-xxx/webapps/manager/META-INF
9. ls
10. vi context.xml
11. we need to edit 2 lines for permission
12. cd apache-tomcat-xxx/conf
13. ls
14. tomcat-user.xml (we need to add users and passwd for project security)
15. cd apache-tomcat-xxx/bin
16. ./shutdown.sh
17. ./startup.sh