"Step 1. Launch an instance (Amazon Linux 2 AMI) , Access Instance terminal and install and setup java environment "

open port number in SG :80, 8080, 22, 443, and set source as 0.0.0.0/0 or all traffic

sudo yum install -y git aws-cli

sudo amazon-linux-extras install java-openjdk11 -y

sudo alternatives --config java

(In this command point to the latest/or required java version by selection)

"Step 2. Install Maven: Add the apache maven repository to the yum repos, and install apache from there"

sudo wget http://repos.fedorapeople.org/repos/dchen/apache-maven/epel-apache-maven.repo -O /etc/yum.repos.d/epel-apache-maven.repo

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

sudo yum install -y apache-maven

mvn --version

"Step 3. Install Jenkins : Add the Jenkins repository to the yum repos and install Jenkins from there."

sudo wget -O /etc/yum.repos.d/jenkins.repo https://pkg.jenkins.io/redhat-stable/jenkins.repo

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

sudo amazon-linux-extras install epel -y

sudo yum install daemonize -y

sudo yum install -y jenkins

sudo service jenkins start

sudo systemctl enable jenkins

"Step 4. That’s it! Now you can go to browser and access Jenkins URL http://<instance public ip>:8080"

ex: http://13.215.191.181:8080/

Copy password

sudo cat /var/lib/jenkins/secrets/initialAdminPassword



