Step1:Install Java (Amazon Linux 2023)

>>sudo dnf install java-17-amazon-corretto -y

Step 2: Go to [Maven Downlaods](https://maven.apache.org/download.cgi) and get the download link of the latest package.

>>wget https://dlcdn.apache.org/maven/maven-3/3.9.5/binaries/apache-maven-3.9.5-bin.tar.gz

sudo tar xvf apache-maven-3.9.0-bin.tar.gz -C /opt

sudo ln -s /opt/apache-maven-3.9.0 /opt/maven

export JAVA\_HOME=/usr/lib/jvm/java-17-amazon-corretto.x86\_64

export M2\_HOME=/opt/maven

export MAVEN\_HOME=/opt/maven

export PATH=${M2\_HOME}/bin:${PATH}

sudo yum update –y

1. Add the Jenkins repo using the following command:

[ec2-user ~]$ sudo wget -O /etc/yum.repos.d/jenkins.repo \

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

1. Import a key file from Jenkins-CI to enable installation from the package:

[ec2-user ~]$ sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io-2023.key

[ec2-user ~]$ sudo yum upgrade

1. Install Java (Amazon Linux 2023):

[ec2-user ~]$ sudo dnf install java-17-amazon-corretto -y

1. Install Jenkins:

[ec2-user ~]$ sudo yum install jenkins -y

1. Enable the Jenkins service to start at boot:

[ec2-user ~]$ sudo systemctl enable jenkins

1. Start Jenkins as a service:

[ec2-user ~]$ sudo systemctl start jenkins

You can check the status of the Jenkins service using the command:

[ec2-user ~]$ sudo systemctl status jenkins

### Configuring Jenkins

Jenkins is now installed and running on your EC2 instance. To configure Jenkins:

1. Connect to http://<your\_server\_public\_DNS>:8080 from your browser. You will be able to access Jenkins through its management interface: