

## **JENKINS with amazon linux**

- ✓ create 1 EC2 instance
- ✓ Set up Custom TCP port: 8080 in AWS Security Groups
- go to putty
  - Step 1: Update Packages
- sudo yum update

Step 2 : Check Java is installed. If not install java

- sudo yum install java-1.8.0
- java -version

step 3 :To check and select one out of multiple java versions available

- sudo /usr/sbin/alternatives --config java

Step 4 : Download latest Jenkins code package

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

Step 5 : Import a key file from Jenkins-CI to enable installation from the package

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

Step 6 : to upgrade

- sudo yum upgrade

Step 7 : to install java

- sudo yum install java-11-openjdk

Step 8 :to install jenkins

- `sudo yum install jenkins`

step 9 :

- `sudo systemctl daemon-reload`
- `sudo systemctl enable jenkins`
- `sudo systemctl start jenkins`
- `sudo systemctl status jenkins`
- ✓ now u can see ur service is in ACTIVE status.
- ✓ ex: Loaded: loaded (/lib/systemd/system/jenkins.service; enabled; vendor preset: enabled)  
Active: active (running) since Tue 2018-11-13 16:19:01 +03; 4min 57s ago
- now back to ec2 and copy ur public ip address and paste and also add beside ":8080" like this ( `http://3.226.235.228:8080` )

step 10 :

- `sudo cat /var/lib/jenkins/secrets/initialAdminPassword`
- ✓ now u can see ur jenkins website and check and clear all those login process.