# **Jenkins Installation on Linux (Redhat)**

* **Login to AWS Console**
* **Create EC2 Instance with RedHat EL AMI (Red Hat Enterprise Linux 8 (HVM), SSD Volume Type** - ami-0b0af3577fe5e3532 (64-bit x86) / ami-01fc429821bf1f4b4 (64-bit Arm)**)**
* **Login to EC2 from Git Bash OR Terminal in case of mac**
* **sudo yum install java-1.8.0-openjdk-devel**
* **sudo yum install wget git maven -y**
* 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.key>
* sudo yum install Jenkins
  + if any errors and Jenkins is not installed then execute below command
  + sudo yum install Jenkins --nobest
* sudo service jenkins start
* <publicip>:8080
  + Jenkins will be opened in a browser
  + Unlock the Jenkins by following the instructions
    - sudo cat /var/lib/jenkins/secrets/initialAdminPassword
    - copy the password and paste
  + Install suggested Plugins
  + Create admin user
  + Then your Jenkins is ready
* To Change the Jenkins port
  + Cd /etc/sysconfig
  + Vi Jenkins
  + Change Jenkins\_port value
  + Restart Jenkins service