**Jenkins:**

**Installation and configuration on EC2 instance**

1. How to download and install Jenkins on aws ec2 linux

2. How to access Jenkins from browser

3. How to start and stop Jenkins

4. How to start Jenkins on different port

5. How to uninstall Jenkins Step

1 : Connect to your Linux machine

Step 2: Update Packages sudo yum update

Step 3 : Check Java is installed.

java -version

sudo yum install java-1.8.0 (if not installed)

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 http://pkg.jenkins-ci.org/redhat/jenkins.repo

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

sudo rpm -- import http://pkg.jenkins-ci.org/redhat/jenkins-ci.org.key

Step 6 : Install Jenkins sudo yum install Jenkins

Step 7 : Start jenkins sudo service jenkins start

Step 8 : Access Jenkins server using the public DNS of your ec2 on port 8080

[http://{ec2-public-dns}:8080](https://www.youtube.com/redirect?q=http%3A%2F%2F%7Bec2-public-dns%7D%3A8080&redir_token=cy4s-mdwGF0hrDiaTPTm4HSNa2V8MTU3MTg5NTc1N0AxNTcxODA5MzU3&event=video_description&v=jmm8DsosBqw)

example : [http://3.89.79.74:8080/](https://www.youtube.com/redirect?q=http%3A%2F%2F3.89.79.74%3A8080%2F&redir_token=cy4s-mdwGF0hrDiaTPTm4HSNa2V8MTU3MTg5NTc1N0AxNTcxODA5MzU3&event=video_description&v=jmm8DsosBqw)

Note : Here you might have to allow port 8080 in your security group Settings for allowing http and https traffic

Create security group tcp port no 8080 0.0.0.0/0 attach to running instance on which Jenkins is installed

**Useful tips To start jenkins on a diff port**

Update port number in /etc/sysconfig/Jenkins

**To fetch initial admin password**

sudo su –

cd /var/lib/jenkins/secrets/

cat initialAdminPassword

0bcbbcab7f984af7b4171b55e9201d04

**To stop Jenkins**

sudo service jenkins stop

**To uninstall Jenkins**

sudo service jenkins stop

sudo yum remove jenkins

sudo rm -r /var/lib/jenkins