Jenkins :

Step 1 :  Amazon EC2 instance from an [Amazon Machine Image](https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/AMIs.html) (AMI) that has the base operating system you want. This example uses an Amazon Linux 64-bit AMI

**2** Choose a security group that will allow SSH access as well as port 80 or 8080 to access your Jenkins dashboard. You should only enable ingress from the IP addresses you wish to allow access to your server.

3 [Connect to the instance](https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/EC2_GetStarted.html?ConnectToInstanceLinux.html) via SSH.

4 Update the yum package management tool.

sudo yum update –y

5 Download the latest Jenkins code package.

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

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

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

7 Install Jenkins.

sudo yum install jenkins –y

8 Start Jenkins as a service.

sudo service jenkins start

9 Access Jenkins server using the public DNS of your ec2 on port 8080

Note : Here you might have to allow port 8080 in your security group settings

**Useful tips**

If you want change the different port no go to the below configure file and change the port number

To start jenkins on a diff port

Update port number in /etc/sysconfig/jenkin

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