**Install Jenkins in AWS EC2 Instance (Linux)**

**Software to install**

Java 8

Jenkins 2.x

**Check YUM Updates**

sudo su

<optional> yum list installed

yum update

**Install Java 8**

yum install java-1.8.0

<optional> yum remove java-1.7.0-openjdk

**Install Jenkins 2.x**

1. Download Jenkins from the Red Hat Repository

wget -O /etc/yum.repos.d/jenkins.repo http://pkg.jenkins-ci.org/redhat/jenkins.repo

1. Import the verification key using the package manager RPM

rpm --import https://jenkins-ci.org/redhat/jenkins-ci.org.key

1. Install Jenkins with yum command

yum install jenkins

**Start Jenkins Service**

service jenkins start

**Jenkins Paths**

1. To change the default port of Jenkins you need to edit the jenkins config file

vim /etc/sysconfig/jenkins

1. Change the port according your desired configuration (vi commands: "i" for insert mode, "ESC" key to escape the inserting mode, ":wq" for write an quit)

JENKINS\_PORT="8081"

1. Check Jenkins Installation

fuser: to display the process id(PID) of every process using the specified files

fuser -v -n tcp 8080

netstat: to list out all the network (socket) connections on a system

netstat -na | grep 8080

**Set Auto Start for Jenkins Service**

sudo chkconfig --list jenkins

sudo chkconfig jenkins on