1.AWS Instance Created

**2.Docker Installed**

sudo yum remove docker \

docker-client \

docker-client-latest \

docker-common \

docker-latest \

docker-latest-logrotate \

docker-logrotate \

docker-selinux \

docker-engine-selinux \

docker-engine

sudo yum install -y yum-utils \

device-mapper-persistent-data \

lvm2

sudo yum-config-manager \

--add-repo \

<https://download.docker.com/linux/centos/docker-ce.repo>

sudo yum install docker-ce -y

sudo groupadd docker

sudo usermod -aG docker $(whoami)

sudo service docker start

sudo service docker enable

**Rancher Installed for kubernetes**

docker run -d --restart=unless-stopped -p 443:443 -v /host/rancher:/var/lib/rancher rancher/rancher:latest

**Tomcat Installed**

**sudo yum install tomcat**

* **sudo vi /usr/share/tomcat/conf/tomcat.conf**
* **JAVA\_OPTS="-Djava.security.egd=file:/dev/./urandom -Djava.awt.headless=true -Xmx512m -XX:MaxPermSize=256m -XX:+UseConcMarkSweepGC"**
* **sudo yum install tomcat-webapps tomcat-admin-webapps**
* **sudo systemctl start tomcat**
* **sudo systemctl enable tomcat**
* **sudo systemctl status tomcat**

**Jenkins Installed**

**sudo yum install java-1.8.0-openjdk-devel**

**curl --silent --location http://pkg.jenkins-ci.org/redhat-stable/jenkins.repo | sudo tee /etc/yum.repos.d/jenkins.repo**

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

**sudo yum install jenkins**

**sudo systemctl start jenkins**

**Changing Port Number to 8081**

vi /etc/sysconfig/jenkins

JENKINS\_PORT="8080"

Replace by 8081  
 systemctl restart jenkins  
 systemctl status jenkins  
 cat /var/lib/jenkins/secrets/initialAdminPassword

NGINX INSTALL AND RUN IN CENTOS 7

sudo yum install yum-utils

vi /etc/yum.repos.d/nginx.repo

sudo yum-config-manager --enable nginx-mainline

sudo yum install nginx

syestemctl start nginx

systemctl start nginx.service

systemctl status nginx.service

systemctl enable nginx.service