#### 1. Installing Docker

yum install docker-ce-18.06.1.ce

systemctl enable docker; systemctl start docker; systemctl status docker

# 2. Installing Jenkins

export http\_proxy=http://proxy.starhubsg.sh.inc:8080;export https\_proxy=http://proxy.starhubsg.sh.inc:8080

wget https://pkg.jenkins.io/redhat-stable/jenkins-2.150.2-1.1.noarch.rpm

Once completed run below command rpm -ivh jenkins-2.150.2-1.1.noarch.rpm

#### 3. Start Jenkins

```
[root8dawn505 crmadm]# systemctl start jenkins
[root8dawn505 crmadm]# chkconfig jenkins on
[root8dawn505 crmadm]# jenkins son
[root8dawn505 crmadm]# systemctl status jenkins

* jenkins.service - LSB: Jenkins Automation Server
Loaded: Jenkins.service - LSB: Jenkins Automation Server
Loaded: Jenkins.service (running) since Fri 2019-02-08 09:07:46 +08: 12s ago
Doors: man:systemd-sysv-qenerators(8)

Group: Jsystem.slice/jenkins.service

Group: Jsystem.slice/jenkins.service

Feb 08 09:07:45 dawn505 system[1]: Starting LSB: Jenkins Automation Server...

Feb 08 09:07:45 dawn505 system[1]: Starting LSB: Jenkins Automation Server...

Feb 08 09:07:45 dawn505 system[1]: Starting LSB: Jenkins Automation Server...

Feb 08 09:07:46 dawn505 system[1]: Started LSB: Jenkins Automation Server...

Feb 08 09:07:46 dawn505 system[1]: Started LSB: Jenkins Automation Server...

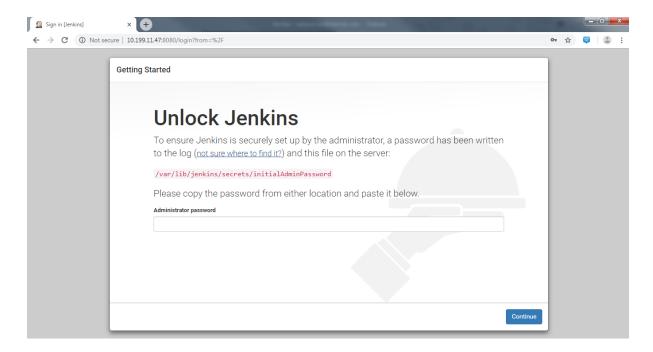
Feb 08 09:07:46 dawn505 system[1]: Started LSB: Jenkins Automation Server...

Feb 08 09:07:46 dawn505 system[1]: Started LSB: Jenkins Automation Server...

Feb 08 09:07:46 dawn505 system[1]: Started LSB: Jenkins Automation Server...

Feb 08 09:07:46 dawn505 system[1]: Started LSB: Jenkins Automation Server...
```

### 4. Open Jenkins URL



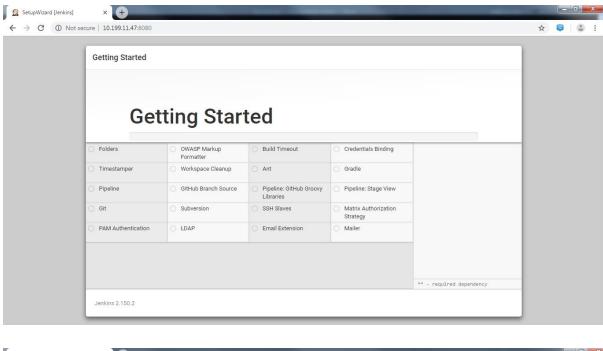
if it is first time installation please copy the password from Jenkins server and put it

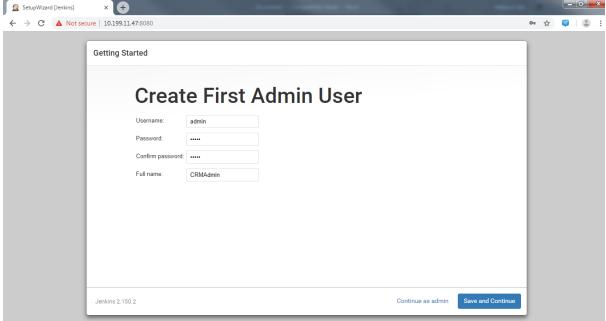
# Note:

If reinstallation below if the process to recover password if the user id and password was admin

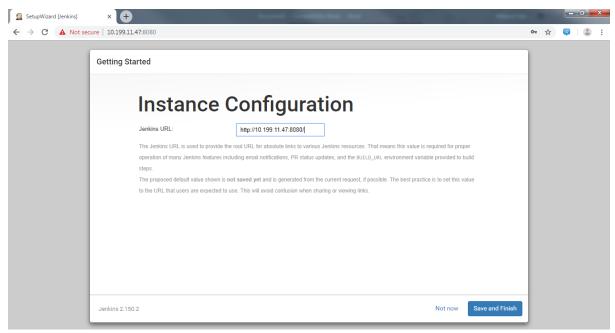
cd /usr/lib/Jenkins echo -n 'redhat123{admin}' | sha256sum

# 5. Continue Jenkins setup

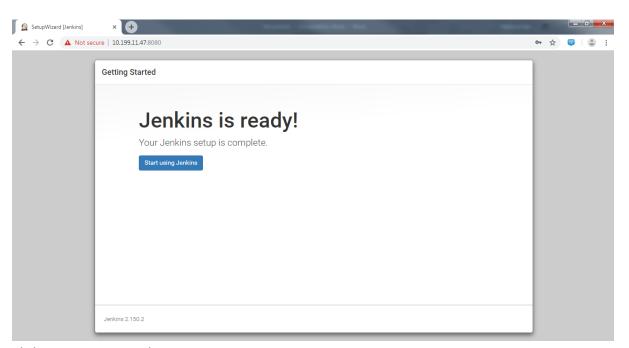




Click Save and Continue



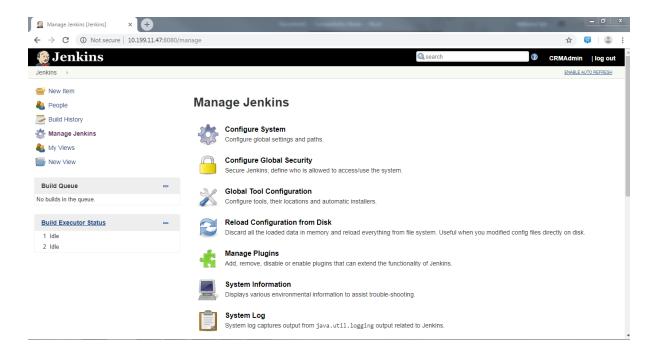
Click on Save and Finish



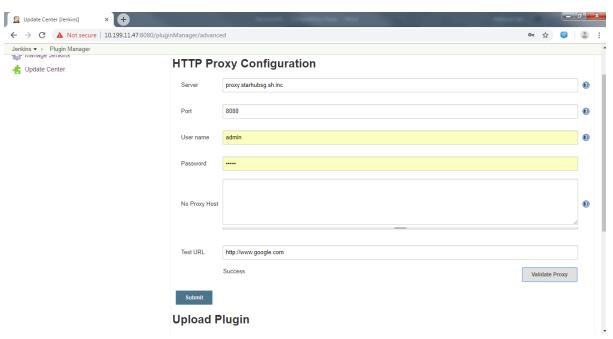
Click on Start using Jenkins

**Proxy Configuration** 

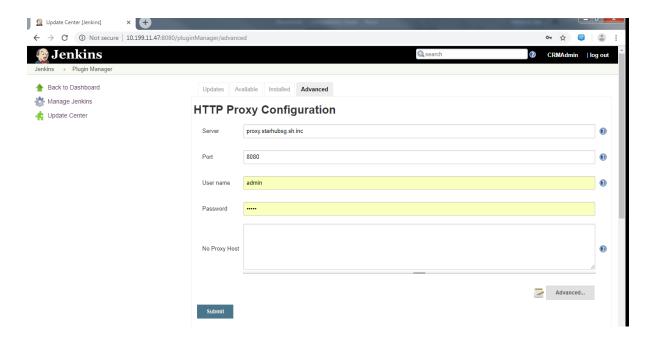
Click on Manage Plugin



#### Click on Advanced



Click on Submit



Setup environment property file for proxy setup as well and after that restart Jenkins and install all required plugin

```
Source global definitions f [ -f /etc/bashrc ]; then . /etc/bashrc
1
xport KUBECONFIG=/etc/kubernetes/kubelet.conf
root@dawn505 ~]‡ cat .bash_profile
.bash_profile
 Get the aliases and functions f [ -f ~/.bashrc ]; then . ~/.bashrc
 User specific environment and startup programs
PATH=SPATH:SHOME/bin
```

Please install this plugin first before install other plugin

**Folders** 

**OWASP Markup Formatter** 

**Build Timeout** 

**Credentials Binding** 

Timestamper

Workspace Cleanup

Ant

Gradle

**Pipeline** 

GitHub Branch Source

Pipeline: GitHub Groovy Libraries

Pipeline: Stage View

Git

Subversion SSH Slaves

Matrix Authorization Strategy

PAM Authentication

LDAP

**Email Extension** 

Mailer

wget <a href="https://packages.gitlab.com/install/repositories/runner/gitlab-runner/script.rpm.sh">https://packages.gitlab.com/install/repositories/runner/gitlab-runner/script.rpm.sh</a> ./script.rpm.sh
yum install gitlab-ce
gitlab-ctl start