

JENKINS

Installation

```
curl -fsSL  
https://pkg.jenkins.io/debian-stable/jenkins.io-2023  
.key | sudo tee \  
  /usr/share/keyrings/jenkins-keyring.asc >  
/dev/null  
echo deb  
[signed-by=/usr/share/keyrings/jenkins-keyring.asc  
] \  
  https://pkg.jenkins.io/debian-stable binary/ | sudo  
tee \  
  /etc/apt/sources.list.d/jenkins.list > /dev/null
```

```
sudo apt-get update
```

```
sudo apt-get install jenkins
```

```
Sudo systemctl enable jenkins
```

```
Sudo systemctl start jenkins
```

```
Sudo Systemctl status jenkins
```

Jenkins runs on port 8080

Curl localhost:8080 (Also open in browser!)

To unlock Jenkins...

`cat /var/lib/jenkins/secrets/initialAdminPassword`

Customize and setup jenkins

Lets go hands on creating jobs !!

While creating Jenkins slave ...

- **Make sure you set up password authentication or else use the private pem key**
- **Check the manually trusted key verification strategy**
- **Make sure you have created known_host file in the /var/lib/jenkins/.ssh**

`cd /var/lib/jenkins/`

mkdir .ssh

touch .ssh/known_hosts

chown jenkins:jenkins .ssh/known_hosts

chmod 600 .ssh/known_hosts

Now you are ready to go!!

TO set no passwd for jenkins user

ps aux | grep slave.jar

jenkinsslave ALL=(ALL) NOPASSWD: ALL

**Replace jenkins slave to username you got
while running ps aux command**