

INSTALLATION OF JENKINS

Pre-requisites for installation of Jenkins

java 17 or java 21-->stable version

To install jenkins in Linux OS

1. Ensure that your software packages are up to date on your Instance

```
sudo yum update -y
```

2. Add the Jenkins repo using the following command:

```
sudo wget -O /etc/yum.repos.d/jenkins.repo \  
https://pkg.jenkins.io/redhat-stable/jenkins.repo
```

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

```
sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io-2023.key
```

4. Upgrade the packages

```
sudo yum upgrade -y
```

5. Install Java (Amazon Linux):

```
sudo dnf install java-17-amazon-corretto -y
```

6. Install Jenkins:

```
sudo yum install jenkins -y
```

7. Enable the Jenkins service to start at boot:

```
sudo systemctl enable jenkins
```

8. Start Jenkins as a service:

```
sudo systemctl start jenkins
```

9. You can check the status of the Jenkins service using the command:

```
sudo systemctl status Jenkins
```

Note: Enable the port no 8080 in security groups.