

Oka vela PART 1 video with troubleshooting chudaledu ante e link click chyandi -

<https://youtube.com/live/G0i6F52l5ag>

JENKINS PART2

Jenkins Part2 video with troubleshooting -

<https://www.youtube.com/watch?v=s70SFyh9MCE&t=3352s>

<https://github.com/DEVOPS-WITH-WEB-DEV/jenkins-shared-library1.git>

<https://github.com/DEVOPS-WITH-WEB-DEV/spring-cloud-kubernetes.git>

STEP4 - Install Docker with user jenkins

```
sudo apt install docker.io
```

```
docker --version
```

```
chmod 777 /var/run/docker.sock
```

STEP 5 - Create a dockerhub account and Add Dockerhub Credentials on Jenkins

- Setup Docker Hub Secret Text in Jenkins

You can set the docker credentials by going into -

Goto -> Jenkins -> Manage Jenkins -> Credentials -> Stored scoped to jenkins -> global -> Add Credentials [**GIVE YOUR DOCKER HUB CREDENTIALS**]

Update credentials

Scope ?

Global (Jenkins, nodes, items, all child items, etc)

Username ?

praveensingam1994

☐

Treat username as secret ?

Password ?



Concealed

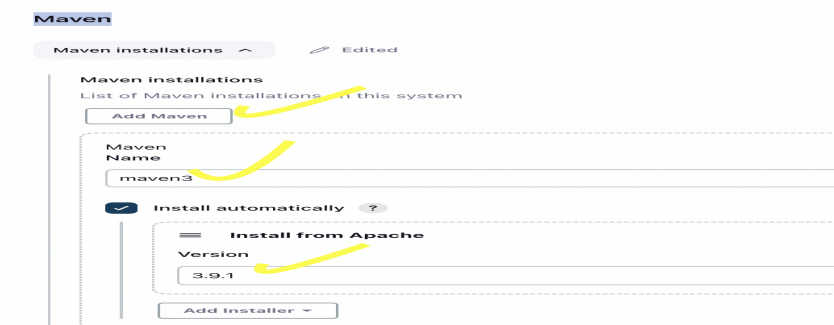
Change Password

ID ?

docker_cred

Description ?

STEP6 – ADD MAVEN IN GLOBAL TOOL CONFIGURATION



STEP 7 – ADD JENKINS SHARED LIBRARY

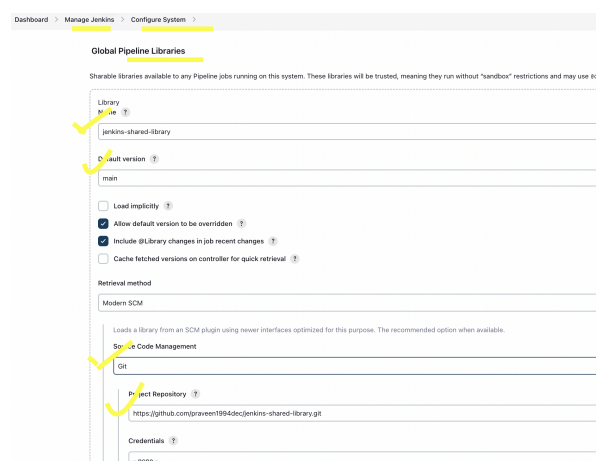
Go to Manage Jenkins -> Configure System -> Global Pipeline Libraries ->

Give Library name – jenkins-shared-library

Default Version - main

Project Repository -

<https://github.com/DEVOPS-WITH-WEB-DEV/jenkins-shared-library1.git>



STEP 8 - Build, deploy and test CI/CD pipeline

Create new Pipeline: Go to Jenkins Dashboard or Jenkins home page click on New Item and add the repo details

The screenshot shows the Jenkins Configuration page for a Pipeline. The browser address bar indicates the URL is `54.67.113.239:8080/job/Telugu_Community_Pipeline1/configure`. The page has a breadcrumb trail: `Dashboard > Telugu_Community_Pipeline1 > Configuration`. On the left, the 'Configure' section is active, with sub-options for 'General', 'Advanced Project Options', and 'Pipeline'. The main configuration area includes several sections: 'Credentials' with a dropdown set to '- none -' and an '+ Add +' button; 'Advanced' with a dropdown arrow; 'Add Repository' button; 'Branches to build' with a 'Branch Specifier (blank for 'any')' dropdown set to `*/main` and an 'Add Branch' button; 'Repository browser' dropdown set to '(Auto)'; 'Additional Behaviours' with an 'Add' button; and 'Script Path' dropdown set to `kubernetes-configmap-reload/Jenkinsfile`.