Docker Jenkins

Building Dockerfile, Running Dockerimage, Generate Dockercontainer Using Jenkinsfile.

Step – 1 : Launch 1 instance, in AWS EC2.



Step -2: Connect to instance, which we have created.

Step -3: Install required apps, here I installed (Git, Docker, Jenkins) using bash script.

• Note: check all apps version whether installed or not.

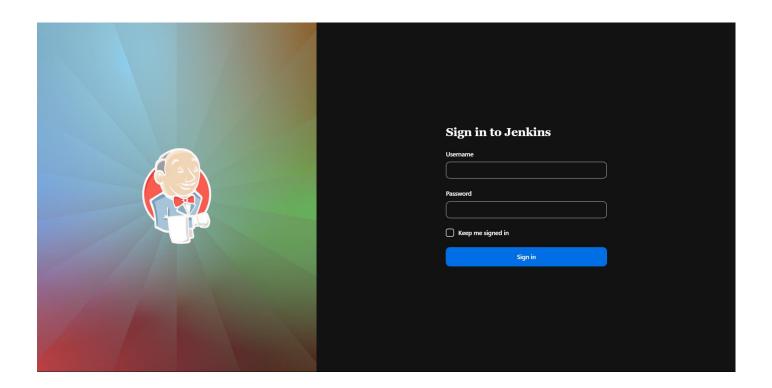
To check

GIT: git --version

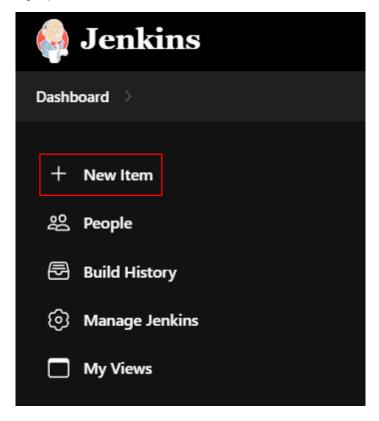
Docker: docker --version

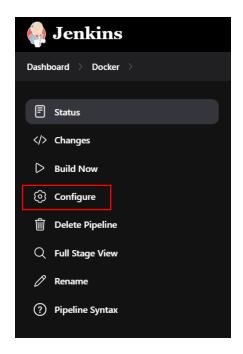
Jenkins: Jenkins --versions

Step - 4: Connect to Jenkins (with instance ip:8080)



Step – 5 : Create one pipeline project in Jenkins.





Step – 7 : Select pipeline script

```
Pipeline

Definition

Pipeline script
```

Step – 8: adding pipeline script to automate the build process.

```
Configure

Stops

Advanced Project Options

P Ripatine

Apply

Advanced Project Options

P Ripatine

Stops

Advanced Project Options

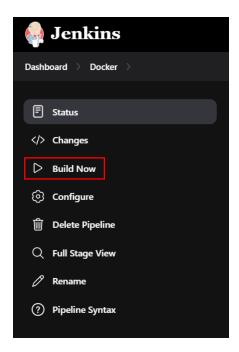
Apply

Advanced Project Options

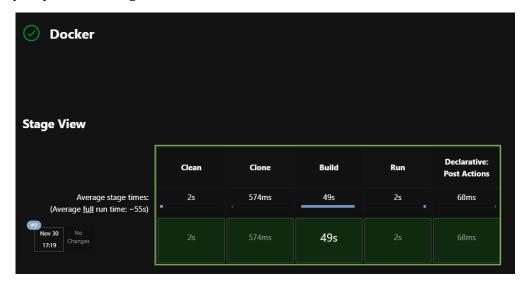
Apply

Apply
```

Step - 9: build now



• If our script is perfect it will go to Success.



- Once build Success, go to EC2 instance and connect it.
- Check Dockerimage is created and Dockercontainer is created.



Jenkins Build Is Successfully Build by Executing Jenkins Pipeline script.