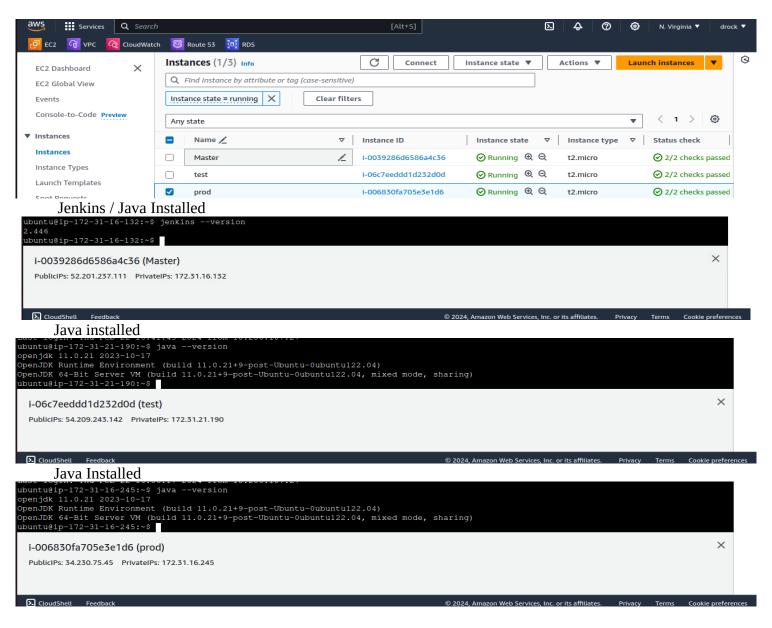
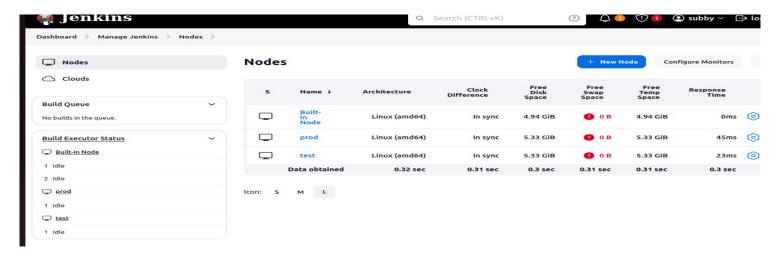
- 1. Add 2 nodes to Jenkins master
- 2. Create 2 jobs with the following jobs:
- a. Push to test
- b. Push to prod
- 3. Once a push is made to test branch, copy Git files to test server
- 4. Once a push is made to master branch, copy Git files to prod serve
- 3 Servers are created: Master, Test and Prod servers Created

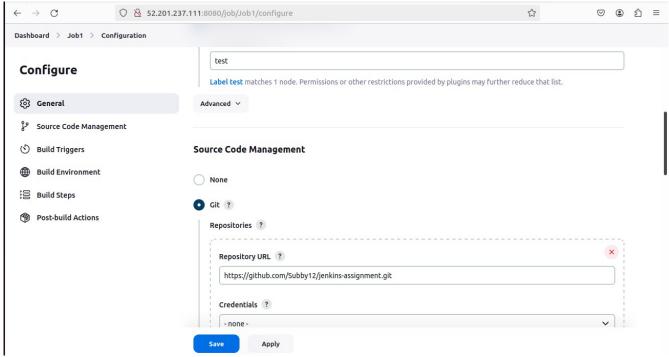


2Nodes: job and prod nodes created



2. Create 2 jobs with the following jobs:

a. Push to test ← → C O & 52.201.237.111:8080/job/Job1/configure Dashboard > Job1 > Configuration Discard old builds ? Configure GitHub project General Project url ? https://github.com/Subby12/jenkins-assignment.git/ Source Code Management Build Triggers Advanced ∨ Build Environment This project is parameterized ? Build Steps Throttle builds ? Post-build Actions Execute concurrent builds if necessary ? Restrict where this project can be run ? Label Expression ? test Label test matches 1 node. Permissions or other restrictions provided by plugins may further reduce that list. Apply



Apply and Save Build Now

Inside test Server

```
ubuntu@ip-172-31-21-190:-% cd jenkins
ubuntu@ip-172-31-21-190:-% cd jenkins
ubuntu@ip-172-31-21-190:-/jenkins% ls
remoting remoting.jar workspace
ubuntu@ip-172-31-21-190:-/jenkins% cd workspace
ubuntu@ip-172-31-21-190:-/jenkins/workspace% ls
Job1
ubuntu@ip-172-31-21-190:-/jenkins/workspace% ls

Job2
ubuntu@ip-172-31-21-190:-/jenkins/workspace%

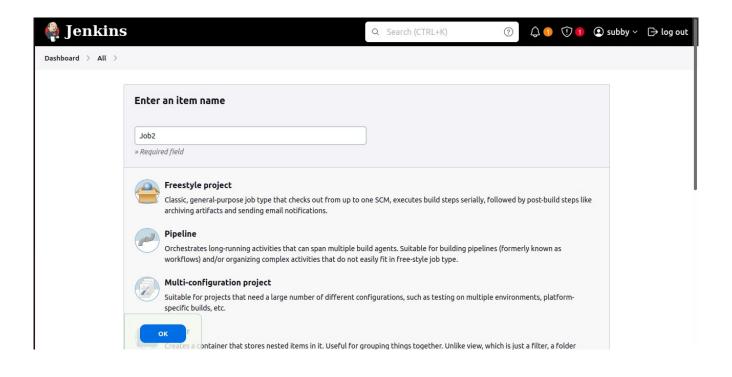
i-06c7eeddd1d232d0d (test)

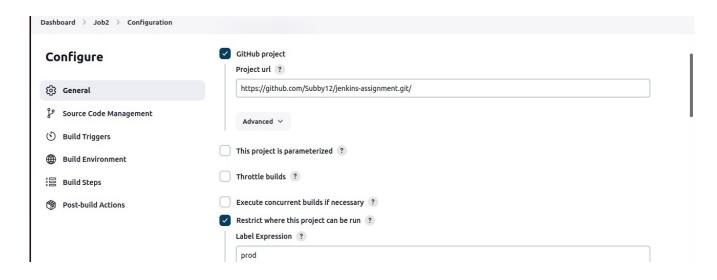
PubliciPs: 54.209.243.142 PrivatelPs: 172.31.21.190
```

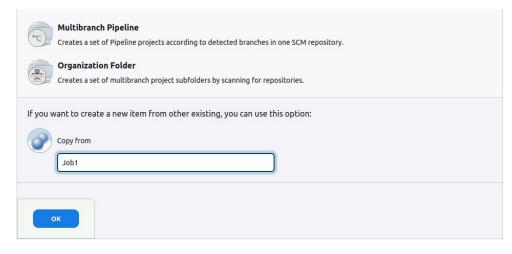
JOB2 CREATE

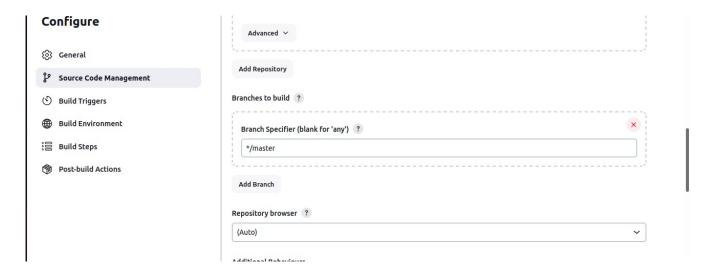
Push to prod

Once a push is made to master branch, copy Git files to prod serve



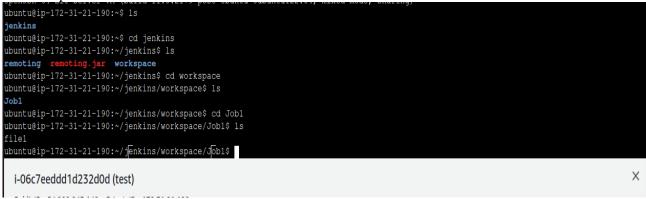






apply and save Build Now

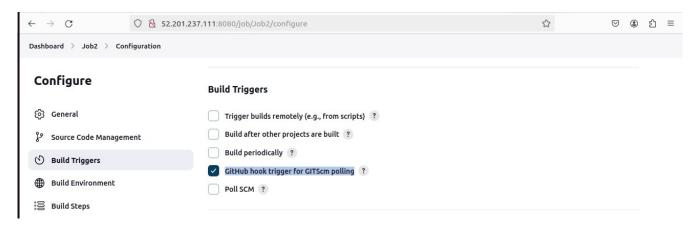
INSIDE prod server:



TO AUTOMATE BUILD IN JENKINS, ONCE THERE IS COMMIT IN GIT

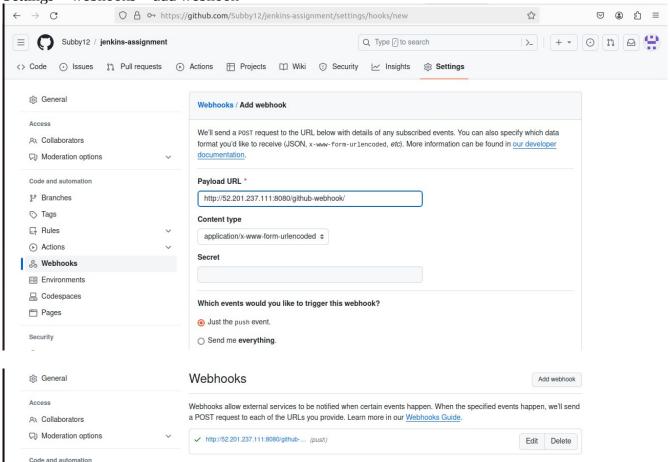
BUILD TRIGGER

pick option: GitHub hook trigger for GITScm polling

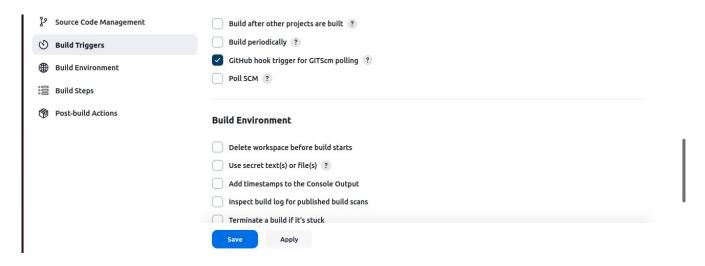


Go to Github

Settings > webhooks > add webhook



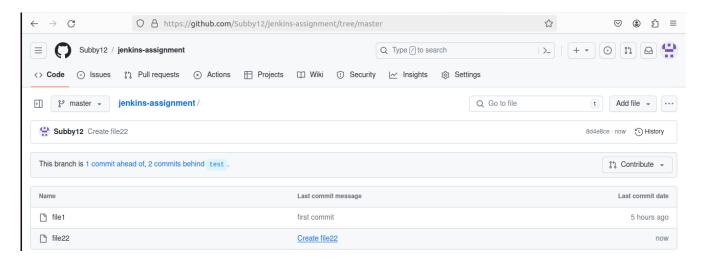
successfully added.



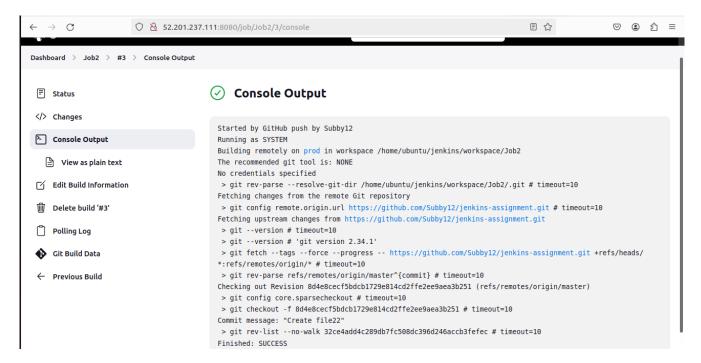
SAVE AND APPLY

On Github:

If I add file: say file 22 manually in master branch



The committed change will automatically build in Jenkins:



X

Cheking the prod server: file22 is added here also

ubuntu@ip-172-31-16-245:~/jenkins/workspace/Job2\$ 1s file1 file22 ubuntu@ip-172-31-16-245:~/jenkins/workspace/Job2\$

i-006830fa705e3e1d6 (prod)

PublicIPs: 34.230.75.45 PrivateIPs: 172.31.16.245