

Tasks To Be Performed:

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 server
-

1. Add 2 nodes to Jenkins master

The screenshot shows the Jenkins 'Nodes' page. It lists three nodes: 'Built-In Node' (Architecture: Linux (amd64), Status: In sync, Free Disk Space: 952.65 GiB, Free Swap Space: 1.00 GiB, Free Temp Space: 952.65 GiB, Response Time: 0ms), 'prod' (Architecture: Linux (amd64), Status: In sync, Free Disk Space: 4.49 GiB, Free Swap Space: 0 B, Free Temp Space: 4.49 GiB, Response Time: 349ms), and 'test' (Architecture: Linux (amd64), Status: In sync, Free Disk Space: 4.48 GiB, Free Swap Space: 0 B, Free Temp Space: 4.48 GiB, Response Time: 509ms). The table includes columns for Name, Architecture, Clock Difference, Free Disk Space, Free Swap Space, Free Temp Space, and Response Time. A 'Data obtained' row at the bottom shows values for 22 sec, 22 sec, 21 sec, 21 sec, 21 sec, 21 sec, and 22 sec respectively. A legend at the bottom indicates icons for S (Stable), M (Medium), and L (Large).

2. Create 2 jobs with the following jobs:

- a. Push to test
- b. Push to prod

Icon	Name	Description	Build Time	Last Build	Duration
...	prod		N/A	N/A	N/A
✓	push-to-prod		15 min	#1	21 sec
✓	push-to-test		21 min	#1	20 sec
✓	task-1		43 min	#8	1 hr 10 min
...	test		N/A	N/A	N/A

3. Once a push is made to test branch, copy Git files to test server

The screenshot shows a Jenkins job configuration page for 'git-practice-1'. It includes a dropdown for the 'Source Branch' set to 'test', a 'Build' section with a 'gitopscloud-java' step, and a 'Post-build Actions' section with a 'Copy Artifacts' step. The 'Copy Artifacts' step is configured to copy from 'test' to 'test'.

This branch is 1 commit ahead of master .

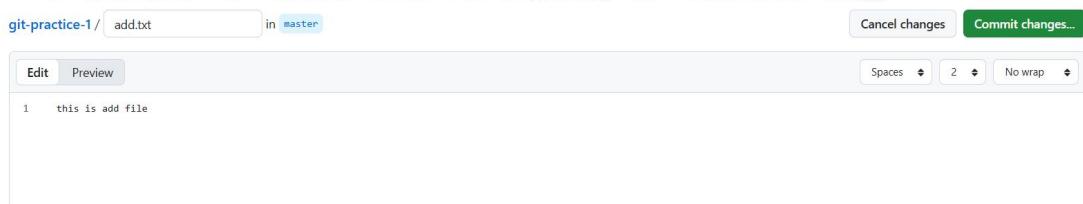
Name	Last commit message
Code.txt	add Code.txt,Output.txt
Output.txt	add Code.txt,Output.txt
hello.txt	Create hello.txt

```
ubuntu@ip-172-31-4-175:~/jenkins/workspace$ ls
push-to-test push-to-test@tmp task-1 task-1@tmp
ubuntu@ip-172-31-4-175:~/jenkins/workspace$ cd push-to-test
ubuntu@ip-172-31-4-175:~/jenkins/workspace/push-to-test$ ls
Code.txt  Output.txt  hello.txt
ubuntu@ip-172-31-4-175:~/jenkins/workspace/push-to-test$ █
```

i-06d8113ae2f431204 (test)

Public IPs: 3.110.155.122 Private IPs: 172.31.4.175

4. Once a push is made to master branch, copy Git files to prod server





Jenkins / push-to-prod

Status

Changes

Workspace

Build Now

Configure

Delete Project

GitHub Hook Log

GitHub

Rename

Credentials

push-to-prod

this push to prod job

Permalinks

Builds

...



Pending

#1



In the quiet period. Expires in 4.7 sec



Jenkins / push-to-prod

[Status](#)

[Changes](#)

[Workspace](#)

[Build Now](#)

[Configure](#)

[Delete Project](#)

[GitHub Hook Log](#)

[GitHub](#)

[Rename](#)

[Credentials](#)

push-to-prod

this push to prod job

Permalinks

Builds

Today

#1 5:05 PM

```
ubuntu@ip-172-31-1-1:~/jenkins$ ls
remoting  remoting.jar  workspace
ubuntu@ip-172-31-1-1:~/jenkins$ cd workspace/
ubuntu@ip-172-31-1-1:~/jenkins/workspace$ ls
push-to-prod  push-to-prod@tmp
ubuntu@ip-172-31-1-1:~/jenkins/workspace$ cd push-to-prod
ubuntu@ip-172-31-1-1:~/jenkins/workspace/push-to-prod$ ls
Code.txt  Output.txt  add.txt
ubuntu@ip-172-31-1-1:~/jenkins/workspace/push-to-prod$
```

i-0dc06c55156701aa8 (prod)

PublicIPs: 13.201.20.121 PrivateIPs: 172.31.1.1