

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

Jenkins / Manage Jenkins / Nodes

Nodes

+ New Node

Configure Monitors

S	Name ↓	Architecture	Clock Difference	Free Disk Space	Free Swap Space	Free Temp Space	Response Time
	Built-In Node	Linux (amd64)	In sync	952.65 GiB	1.00 GiB	952.65 GiB	0ms
	prod	Linux (amd64)	In sync	4.49 GiB	0 B	4.49 GiB	349ms
	test	Linux (amd64)	In sync	4.48 GiB	0 B	4.48 GiB	509ms
Data obtained		22 sec	22 sec	21 sec	21 sec	21 sec	22 sec

Icon: S M L Legend

2. Create 2 jobs with the following jobs:

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

...	☀	prod	N/A	N/A	N/A
✓	☀	<u>push-to-prod</u>	15 min #1	N/A	21 sec
✓	☀	<u>push-to-test</u>	21 min #1	N/A	20 sec
✓	☀	task-1	43 min #8	1 hr 10 min #3	1.4 sec
...	☀	test	N/A	N/A	N/A

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

test

git-practice-1 /

devopsccloud-java

Create hello.txt

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)

PublicIPs: 3.110.155.122 PrivateIPs: 172.31.4.175

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

git-practice-1/ add.txt in master Cancel changes Commit changes...

Edit Preview

Spaces 2 No wrap


1 this is add file




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