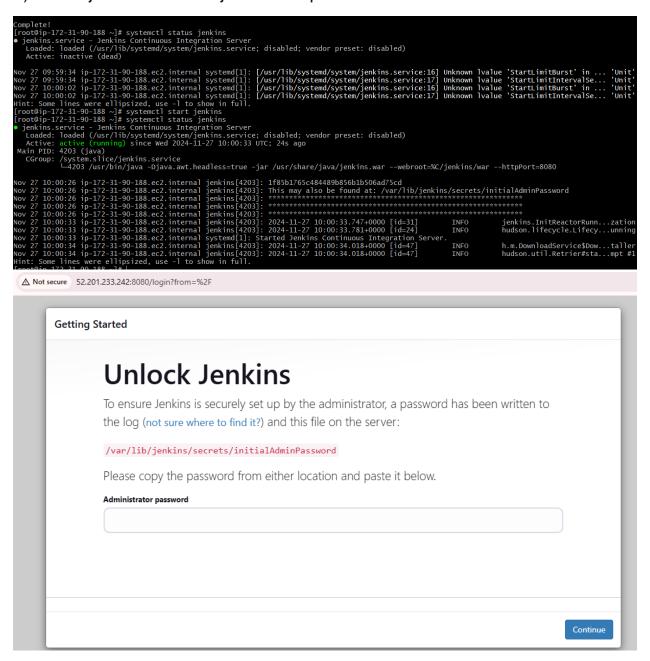
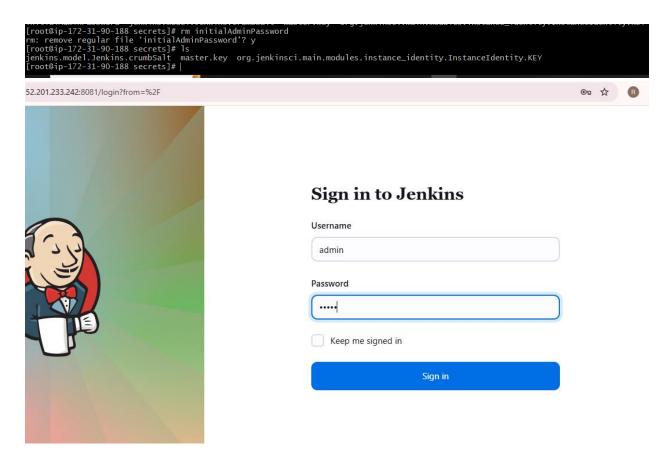
Jenkins tasks-1

1) Install jenkins and run jenkins on port number 8081.



```
Port to listen on for HTTP requests. Set to -1 to disable. To be able to listen on privileged ports (port numbers less than 1024),
 add the CAP_NET_BIND_SERVICE capability to the AmbientCapabilities
  directive below.
Environment="JENKINS_PORT=8081|"
# IP address to listen on for HTTPS requests. Default is disabled.
#Environment="JENKINS_HTTPS_LISTEN_ADDRESS="
  Port to listen on for HTTPS requests. Default is disabled.
  To be able to listen on privileged ports (port numbers less than 1024),
  add the CAP_NET_BIND_SERVICE capability to the AmbientCapabilities
 directive below.
#Environment="JENKINS_HTTPS_PORT=443"
  Path to the keystore in JKS format (as created by the JDK's keytool).
  Default is disabled.
#Environment="JENKINS_HTTPS_KEYSTORE=/path/to/keystore.jks"
  △ Not secure 52.201.233.242:8081/login?from=%2F
       Getting Started
               Unlock Jenkins
               To ensure Jenkins is securely set up by the administrator, a password has been written to
               the log (not sure where to find it?) and this file on the server:
               /var/lib/jenkins/secrets/initialAdminPassword
               Please copy the password from either location and paste it below.
               Administrator password
                                                                                           Continue
```

2) Secure Jenkins server



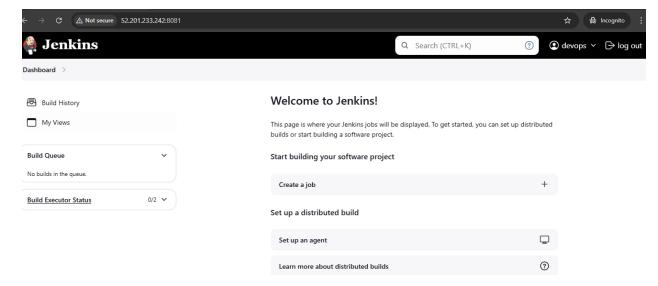
3) Create users called Devops, Testing in Jenkins with Limited access.

Create User

| Username | |
|------------------|--|
| devops | |
| Password | |
| | |
| Confirm password | |
| | |
| Full name | |
| devops | |
| Create Hear | |

| User/group | Ove | erall | Credentials | | | | | | Agent | | | | | | | Job | | | | | | | | | Run | | | View | | | | Metrics | | |
|------------------------|------------|-------|-------------|--------|---------------|--------|------|-------|-----------|---------|--------|--------|------------|-----------|-------|--------|-----------|--------|--------|----------|------|-----------|--------|--------|--------|-----------|--------|--------|------|-----|-------------|------------|------|------------|
| | Administer | Read | Create | Delete | ManageDomains | Update | View | Build | Configure | Connect | Create | Delete | Disconnect | Provision | Build | Cancel | Configure | Create | Delete | Discover | Read | Workspace | Delete | Replay | Update | Configure | Create | Delete | Read | Tag | HealthCheck | ThreadDump | View | |
| Anonymous | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| Authenticated Users | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 (|
| ≗ admin | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 0 |
| ≗ devops | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| & testing | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 |

.

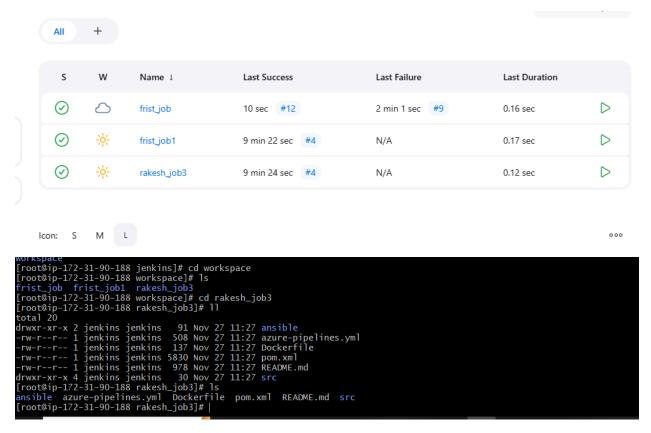


4) Configure labels and restrict the jobs to execute based on label only.

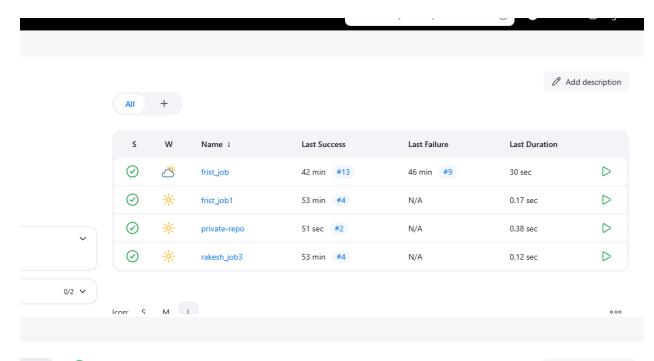


5) Create Three sample jobs using the below URL.

https://github.com/betawins/Techie_horizon_Login_app.git



6) Create one jenkins job using git hub Private repository.



⊘ private-repo

Add description

Permalinks

- Last build (#2), 10 sec ago
- Last stable build (#2), 10 sec ago
- Last successful build (#2), 10 sec ago
- Last completed build (#2), 10 sec ago

```
[root@ip-172-31-90-188 rakesh_job3]# cd ...
[root@ip-172-31-90-188 workspace]# ls
frist_job frist_job1 private-repo private-repo@tmp rakesh_job3
[root@ip-172-31-90-188 workspace]# cd private-repo
[root@ip-172-31-90-188 private-repo]# ls
AWSArchit.drawio IMG_2570.JPG README.md
[root@ip-172-31-90-188 private-repo]# ]]
total 6344
-rw-r--r-- 1 jenkins jenkins
                                    24942 Nov 27 12:20 AWSArchit.drawio
-rw-r--r-- 1 jenkins jenkins 6462329 Nov 27 12:20 IMG_2570.JPG
-rw-r--r-- 1 jenkins jenkins 16 Nov 27 12:20 README.md
😿 rakesh-jenkins (Private
 ¥ main → ¥ 1 Branch ♥ 0 Tags
                                 Q Go to file
                                               t Add file 🕶
                                                         <> Code →
                                                                 About
                                                                  No description, website, or topics provided.
  Rakeshpagidimarri Add files via upload
                                               1b6f045 · 8 minutes ago S 2 Commits
                                                                 ☐ Readme
  AWSArchit.drawio
                           Add files via upload
                                                        8 minutes ago
                                                                  -∿- Activity
                                                                  ☆ 0 stars

☐ IMG_2570.JPG

                           Add files via upload

    1 watching

  README.md
                           Initial commit
                                                         9 minutes ago
                                                                  약 0 forks
  ☐ README
                                                                  Releases
                                                                  No releases published
                                                                  Create a new release
   rakesh-jenkins
                                                                 Packages
```