DevOps-Day 05:Task_Completed

Command:
jenkins ALL=(ALL) NOPASSWD: ALL
sudo systemctl restart ssh.service
sudo systemctl restart sshd.service

sudo apt update
sudo apt install openssh-server

sudo systemctl restart ssh

sudo systemctl status ssh

ls /etc/systemd/system/sshd.service or
ls /usr/lib/systemd/system/sshd.service

sudo systemctl daemon-reload

sudo systemctl status ssh

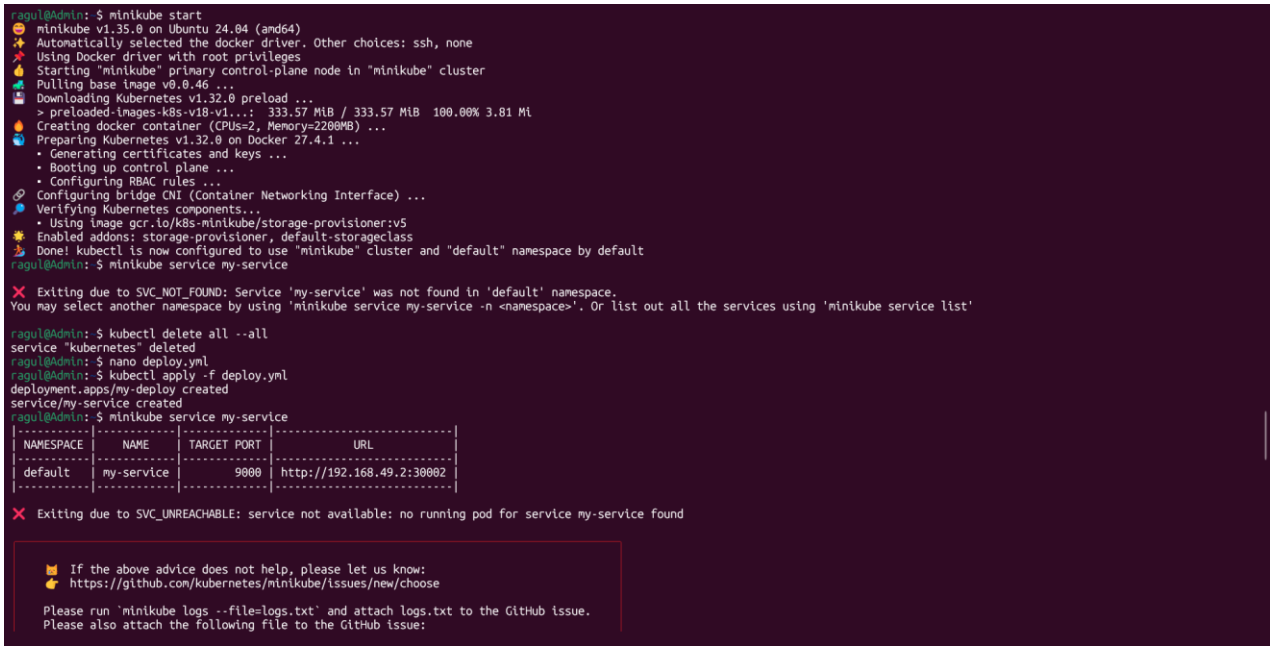
sudo systemctl restart ssh.service

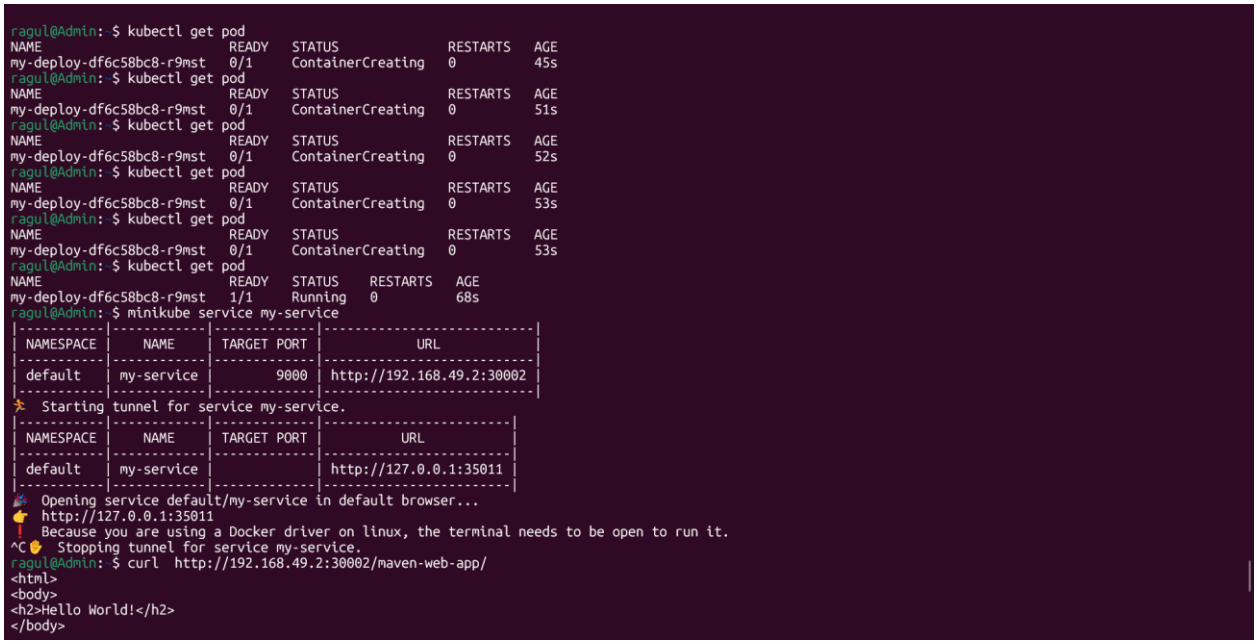
cat /home/ragul/.minikube/profiles/minikube/client.key

```
pipeline {
  agent any

  stages {
    stage('SCM') {
      steps {
        git branch: 'main', url: 'https://github.com/ragules/simple-web-app'
```

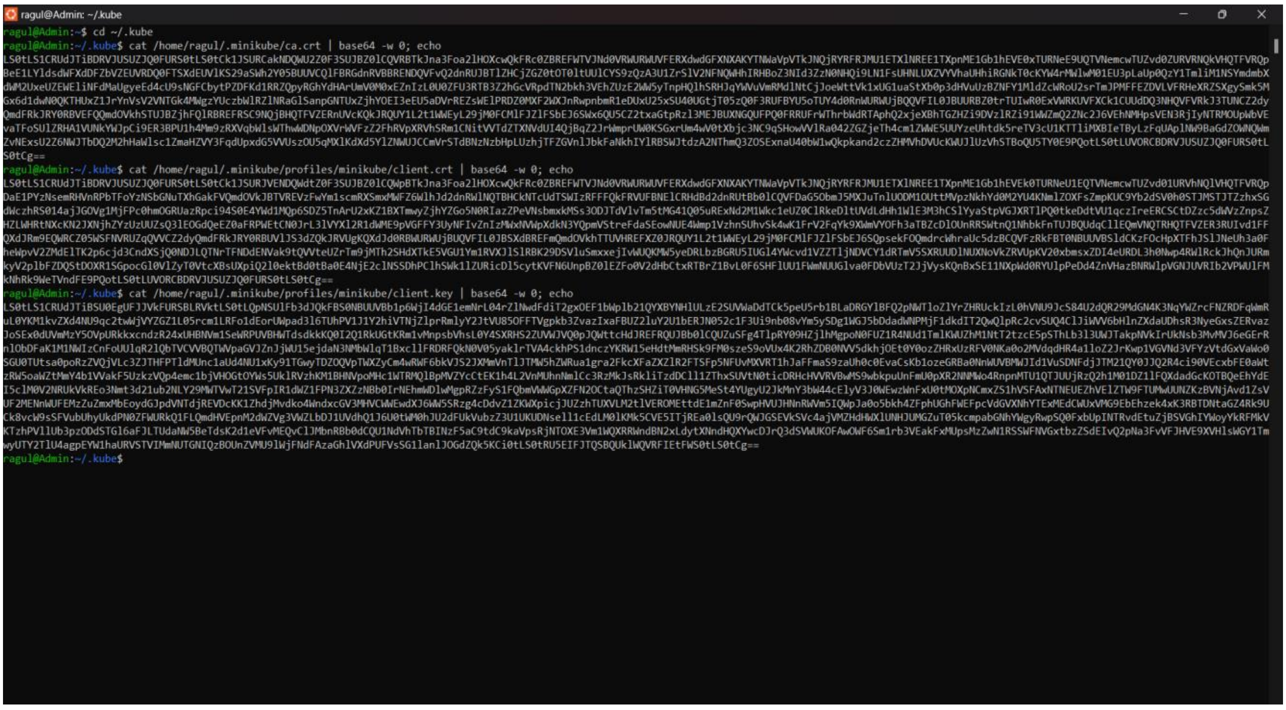
```
        }
    }
    stage('Build'){
        steps {
            bat 'mvn clean install'
        }
    }
    stage('build to images') {
        steps {
            script{
                bat "docker build -t ragul1177/webapplication ."
            }
        }
    }
    stage('docker push hub') {
        steps {
            script{
                withDockerRegistry(credentialsId: 'docker_crud', url:
'https://index.docker.io/v1/') {
   bat 'docker push ragul1177/webapplication'
}
            }
        }
    }
    // stage('test') {
    //     steps {
    //         withKubeConfig(caCertificate: '', clusterName: 'minikube', contextName:
'minikube', credentialsId: 'minikube', namespace: '', restrictKubeConfigAccess: false,
serverUrl: 'https://192.168.39.226:8443')
```

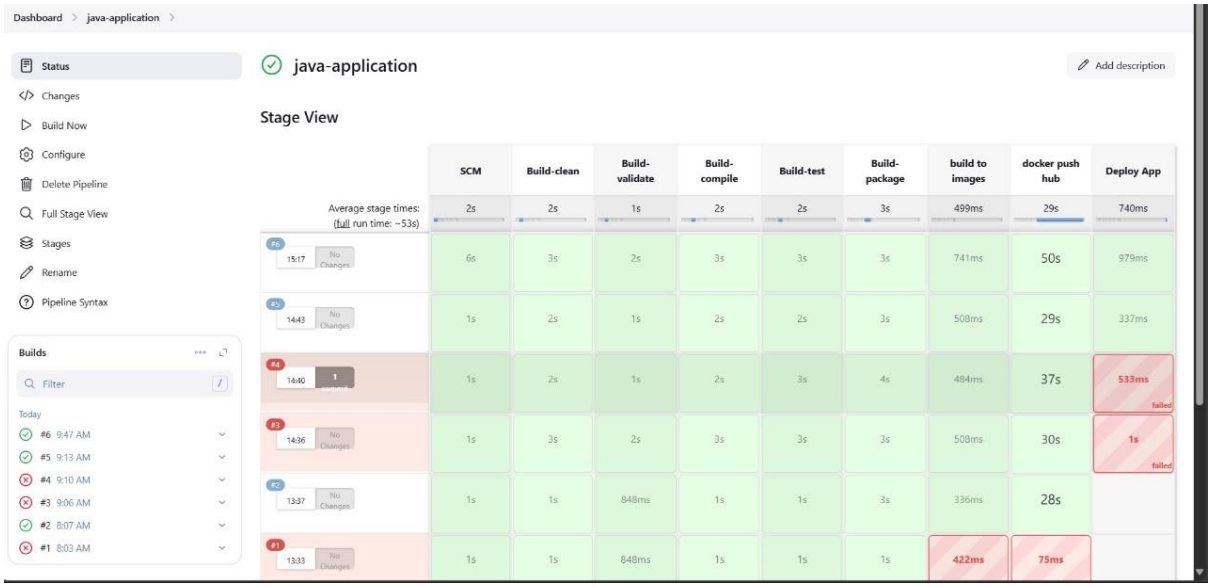
```
        //        sh 'kubectl apply -f deploy.yml --validate=false'

        //    }}

    }

}
```

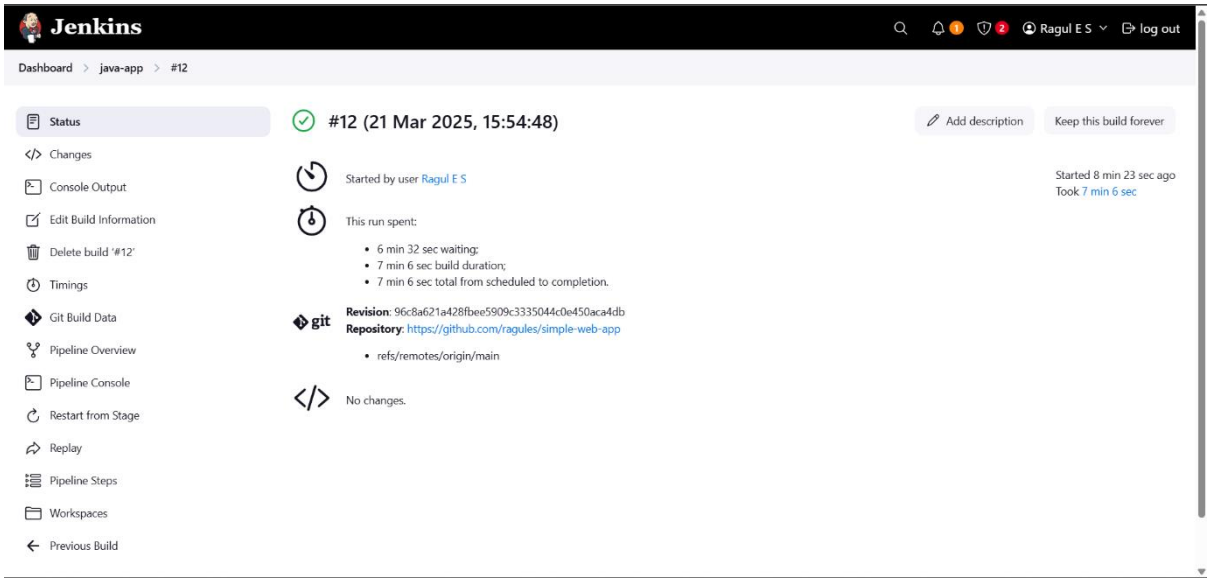




```
ragul@Admin:~/.kube$ sudo apt update
sudo apt install openssh-server
[sudo] password for ragul:
Ign:1 https://pkg.jenkins.io/debian-stable binary/ InRelease
Hit:2 https://pkg.jenkins.io/debian-stable binary/ Release
Hit:3 http://archive.ubuntu.com/ubuntu noble InRelease
Get:5 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:6 http://archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:7 http://archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:8 http://archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [151 kB]
Get:9 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [9000 B]
Get:10 http://archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [364 kB]
Get:11 http://archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:12 http://archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:13 http://archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [208 B]
Get:14 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [20.0 kB]
Get:15 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [51.9 kB]
Get:16 http://archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [1268 B]
Get:17 http://archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
Get:18 http://archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Get:19 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [208 B]
Get:20 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [208 B]
Fetched 978 kB in 2s (512 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
28 packages can be upgraded. Run 'apt list --upgradable' to see them.
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
openssh-server is already the newest version (1:9.6p1-3ubuntu13.8).
0 upgraded, 0 newly installed, 0 to remove and 28 not upgraded.
ragul@Admin:~/.kube$ sudo systemctl restart ssh
ragul@Admin:~/.kube$ sudo systemctl status ssh
● ssh.service - OpenBSD Secure Shell server
     Loaded: loaded (/usr/lib/systemd/system/ssh.service; disabled; preset: enabled)
     Active: active (running) since Fri 2025-03-21 10:49:42 UTC; 18s ago
TriggeredBy: ● ssh.socket
       Docs: man:sshd(8)
             man:sshd_config(5)
    Process: 88850 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)
   Main PID: 88851 (sshd)
      Tasks: 1 (limit: 9331)
     Memory: 1.3M ()
     CGroup: /system.slice/ssh.service
```




Dashboard > java-application >
Status
Changes
Build Now
Configure
Delete Pipeline
Full Stage View
Stages
Rename
Pipeline Syntax
Builds
Filter
Today
#6 9:47 AM
#5 9:13 AM
#4 9:10 AM
#3 9:06 AM
#2 8:07 AM
#1 8:03 AM
java-application
Add description
Stage View
SCM
Build-clean
Build-validate
Build-compile
Build-test
Build-package
build to images
docker push hub
Deploy App
Average stage times:
(full run time: ~53s)
2s
2s
1s
2s
2s
3s
499ms
29s
740ms
15:17
6s
3s
2s
3s
3s
3s
741ms
50s
979ms
14:43
1s
2s
1s
2s
2s
3s
508ms
29s
337ms
14:40
1s
2s
1s
2s
3s
4s
484ms
37s
533ms
failed
14:36
1s
3s
2s
3s
3s
3s
508ms
30s
1s
failed
13:37
1s
1s
848ms
1s
1s
3s
336ms
28s
13:33
1s
1s
848ms
1s
1s
1s
422ms
75ms


Jenkins
Ragul E S
log out
Dashboard > java-app > #12
Status
Changes
Console Output
Edit Build Information
Delete build '#12'
Timings
Git Build Data
Pipeline Overview
Pipeline Console
Restart from Stage
Replay
Pipeline Steps
Workspaces
Previous Build
#12 (21 Mar 2025, 15:54:48)
Add description
Keep this build forever
Started by user Ragul E S
Started 8 min 23 sec ago
Took 7 min 6 sec
This run spent:
6 min 32 sec waiting;
7 min 6 sec build duration;
7 min 6 sec total from scheduled to completion.
Revision: 96c8a621a428fbee5909c3335044c0e450aca4db
Repository: https://github.com/ragules/simple-web-app
refs/remotes/origin/main
No changes.