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/sathiyaseelan/.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'

//    }}

  }

}
```



```
🏃  Starting tunnel for service my-service.
|-----------|------------|-------------|----------------------------|
| NAMESPACE |    NAME    | TARGET PORT |            URL             |
|-----------|------------|-------------|----------------------------|
| default   | my-service |             | http://127.0.0.1:35011     |
|-----------|------------|-------------|----------------------------|
🎉  Opening service default/my-service in default browser...
👉  http://127.0.0.1:35011
❗  Because you are using a Docker driver on linux, the terminal needs to be open to run it.
^C👋  Stopping tunnel for service my-service.
ragul@Admin: $ curl  http://192.168.49.2:30002/maven-web-app/
<html>
<body>
<h2>Hello World!</h2>
</body>
</html>
ragul@Admin: $ sudo visudo
ragul@Admin: $ cd ~/.kube
ragul@Admin:~/.kube$ ls
cache  config
ragul@Admin:~/.kube$ sudo vi config
ragul@Admin:~/.kube$ kubectl get node
NAME       STATUS   ROLES          AGE   VERSION
minikube   Ready    control-plane  11m   v1.32.0
ragul@Admin:~/.kube$ kubectl get node
NAME       STATUS   ROLES          AGE   VERSION
minikube   Ready    control-plane  11m   v1.32.0
ragul@Admin:~/.kube$ █
```



```
ragul@Admin: $ kubectl get pod
NAME                      READY   STATUS            RESTARTS   AGE
my-deploy-df6c58bc8-r9mst  0/1     ContainerCreating  0          45s
ragul@Admin: $ kubectl get pod
NAME                      READY   STATUS            RESTARTS   AGE
my-deploy-df6c58bc8-r9mst  0/1     ContainerCreating  0          51s
ragul@Admin: $ kubectl get pod
NAME                      READY   STATUS            RESTARTS   AGE
my-deploy-df6c58bc8-r9mst  0/1     ContainerCreating  0          52s
ragul@Admin: $ kubectl get pod
NAME                      READY   STATUS            RESTARTS   AGE
my-deploy-df6c58bc8-r9mst  0/1     ContainerCreating  0          53s
ragul@Admin: $ kubectl get pod
NAME                      READY   STATUS            RESTARTS   AGE
my-deploy-df6c58bc8-r9mst  0/1     ContainerCreating  0          53s
ragul@Admin: $ kubectl get pod
NAME                      READY   STATUS   RESTARTS   AGE
my-deploy-df6c58bc8-r9mst  1/1     Running  0          68s
ragul@Admin: $ minikube service my-service
|-----------|------------|-------------|----------------------------|
| NAMESPACE |    NAME    | TARGET PORT |            URL             |
|-----------|------------|-------------|----------------------------|
| default   | my-service |     9000    | http://192.168.49.2:30002  |
|-----------|------------|-------------|----------------------------|
🏃  Starting tunnel for service my-service.
|-----------|------------|-------------|----------------------------|
| NAMESPACE |    NAME    | TARGET PORT |            URL             |
|-----------|------------|-------------|----------------------------|
| default   | my-service |             | http://127.0.0.1:35011     |
|-----------|------------|-------------|----------------------------|
🎉  Opening service default/my-service in default browser...
👉  http://127.0.0.1:35011
❗  Because you are using a Docker driver on linux, the terminal needs to be open to run it.
^C👋  Stopping tunnel for service my-service.
ragul@Admin: $ curl  http://192.168.49.2:30002/maven-web-app/
<html>
<body>
<h2>Hello World!</h2>
</body>
```

```
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
```

ragul@Admin: ~/.kube

```
ragul@Admin:~$ cd ~/.kube
ragul@Admin:~/.kube$ cat /home/ragul/.minikube/ca.crt | base64 -w 0; echo
```

LS0tLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tCk1JSURCakNDQWU2Z0F3SUJBZ0lCQVRBTkJna3Foa2lHOXcwQkFRc0ZBREFFWTVJNd0VRWURWUVFERXdwdGFXNXKAKYTNWaVpVTkJNQjRYRFRJMU1ETXlNREE1TXpnME1Gb1hEVE0xTURNeE9UQTVNemcwTUZvd0ZURVRNQkVHQTFFVRQpBeE1LYldsdWFXdDFZbVZEUVRDQ0FTSXdEUVlKS29aSwh2Y05BUUVCQlFBRGdnRVBBRENDQVFvQ2dnRUJBT1ZHCjZGZ0tOT0ltUUlCYS9zQzA3U1ZrS1V2NFNQwHhIRHBoZ3NId3ZzN0NHQi9LN1FsUHNLUXZYVhaUHhiRGNKT0cKYW4rMWlwM01EU3pLaUp0QzYITml1M1NSYmdmbXdMZUxeUZEWEliNFdMaUgyeEd4cU9sNGFCbytPZDFKd1RRZQpyRGhYdHArUmV0M0xEZnIzL0U0ZFU3RTB3Z2hGcVRpdTN2bkh3VEhZUzE2Wk5yTnpHQlhSRHJqYkWvuVmRMdlNtCjJoeWttVk1xUG1uaStXb0p3dHVuZBNFYlM1dZcWRoU2srTmJPMFFEZDVLVFRHeXRZSXgySmk5MGx6d1dwQKTHUxZ1JrYnVsV2VNTGk4PWgzYUczbWlRZlNRaGlSanpGNTUxZjhYOEI3eEU5aDVrREZsWlPRDZ0MXF2bdXJnRwpnbmR1eDUxU25xSU40UGtjT05zQ0F3RUFBYU5oTUY4d0RnWURWUjBQQVFIL0JBUURBZ0trTUlwR0ExVWRKUVFXCk1CUUdDDUzN0HQVFVRk33TUNCZ2dyQmdFRkJRY0RBVEFQQmdOVkhSTUJBZjhFQlRBRFRSC9NQjBHQTFVZRnUVckQkJRQUY1L2t1WWEyL29jM0FCM1FJZlFSbEJ6SWx6QU5CZ2txaGtpRzl3MEJBUXNGQUFPQ0FRRUFrWThrbWdRTAphQ2xjeXBhTGZHZi9DVz1RZi91WWZmQ2ZNc2J6VEhNMHpsVEN3RjIyNTRMQOUpOkVE

```
ragul@Admin:~/.kube$ cat /home/ragul/.minikube/profiles/minikube/client.crt | base64 -w 0; echo
```

LS0tLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tCk1JSURJVENDQWdtZ0F3SUJBZ0lCQWpBTkJna3Foa2lHOXcwQkFRc0ZBREFFWTVJNd0VRWURWUVFERXdwdGFXNXKAKYTNWaVpVTkJNQjRYRFRJMU1ETXlNREE1TXpnME1Gb1hEVEVk0TURNeU1EQTVNemcwTUZvd01URVRNQ1lHQTFFVRQpDaE1PYzNsemRHVnRPbTFoYzNSbGNuTXhGakFVQmdOVkJBTVREVzFwYm1scmRXSmx0MFZ6MGwlh3d2dnRWlNQTBHCkNTcUdTSWIzRFFFQkFRVUFBNElCRHdBd2dnRUtBb0lCQVFDaG50bmJ5MKJuTn1UODM1OUttMVvpzNkhYd0M2YU4KNm1ZOXFsZmpKUC9Yb2dSV0h0STJMSTJTZzhxSGdWczhRS014ajJGOVg1MjFPc0hmOGRUazRpci94S0E4YWd1NQp6SDZSTnArU2xKZ1BXTmwyZjhYZGo5N0RIazZPeVNsbmxkMSs3ODJTdVlvTm5tMG41Q05uRExNd2M1Wkc1eUZ0C1RkeD1tUVdLdHh1W1E3M3hCSlYyaStpVGJXRT1PQ0tkeDdtVU1qczIreERCSCtDZzc5dWVzZnpsZHZLWHRtNXcKN2JXNjhZYzUzUUZsQ31EOGdQeEZ0aFRPWEtC0Jr L31VYX12R1dwME9pVGFFY3UyNFIvZn1zMWxNWpXdkN3YQpmVStreFdaSEowNUE4Wmp1VzhnSUhvSk4wK1FrV2FqYk9XWmVYOFh3aTBZcDlOUnRRSWtnQ1NhbkFnTUJBQUdqC1lEQmVNQTRHQTFVZER3RUIvd1FFDQXdJRw9EQWNCZ05WSFNVRUZqQVVCC2dyQmdFRkJRY0RBUVlJS3dZQkJRVUgKQXJJd0RRWURWUJBUQVFIL0JBSXdBREFmQmdOVkhTTUVHRFZXZ0JRQUY1L2t1WWEyL29jM0FCM1FJZlFSbEJ6SQpsekFOQmdrcWhraUc5dzBCQVFzRkFBT0NBUUVBS1dCKzFOcHpkK3Z6Wm1WY3ZyWVZCbVBjMHc1WTRMMlphNWJsY3IzaWdLMW5yeDRLpcBGRU5IUGl4YWcvd1VZZT1jNDVCY1dRTmV5SXRUUDlNUXNoVkZRVUpKV20xbmsxZDI4eURDL3h0Nwp4RWlRck3hQnJURmkyV2p1bfZDQStDOXR1S6poccGl0VlZyT0VtcXBsUXpiQ2l0ektBa0t8a4NjE2clNSSDhPC1hSWk11ZURicDl5cytKVFN6UnpBZ0lEZFo0V2dHbCtxRTBrZ1BvL0F6SHFlUU1FWmNUUGl va0FDbVUzT23jVysKQnBxSE11NXpWd0RYUlpPeDd4ZnVHazBNRWlpVGNJUVRIbZVPWUlFM kNRcR6WeTVwdFE9PQotLS0tLUVORCBDRVJUSUZJQ0FURS0tLS0tCg==

```
ragul@Admin:~/.kube$ cat /home/ragul/.minikube/profiles/minikube/client.key | base64 -w 0; echo
```

LS0tLS1CRUdJTiBSU0EgUFJJVkFURSBLRVktLS0tLQpNSUlFb3dJQkFBS0NBUVBb1p6WjI4dGE1emNrL04rZlNwdFdiT2gxOEF1bWp1b21QYXBYNHllULzE2SUVWaDdTCk5peU5rb1BLaDRGY1BFQ2pNNT1oZlYrZHRUckIzL0hVNU9JcS84U2dQR29MdGN4K3NqYWZrcFNZRDFqWmRuL0YKM1kvZXd4NU9qc2twWjVYZGZ1L05rcm1LRFo1dEorUWpad3l6TUhPV1J1Y2hiVTNjZlprRm1yY2ItVU85OFFTVVgpkb3ZvazIxaFBUZ2luY2U1bERJN052c1F3U9nb08VYm5ySDg1WGJ5bOdadWNPMjF1dkdIT2QwQ1pRc2cvSUQ4Cl3iWV6bHlnZXdaUDhsR3NyeGxsZERvazJoSEx0dUVmMzY50VpURkkxcndzR24xlH8NVm1SeWRPUVBHWTdsdkkKQ0T2Q1RkUGtKRm1vMnpsbVhsL0Y4SXRHS2ZUVWJVQ0pJQWttcHdJREFRQUJBb0lCQUZuSFg4T1pRY09HZjlhMgpoN0FUZ1R4NUd1TmlKWUZhM1NtT2tzcE5pThLb313UWJTakpNVkIrUkNsb3MvMVJ6eGErRnlObDFaK1M1NWlzZnFoUUlqR21QbTVCVVBQTWVpaGV3ZnJiW1J5ejdaN3M9bWlqT1Bxc1lFRDRFQkN0V05yaklzTVA4ckhPS1dnczYKRRW15eHdtMwRHSk9FM0szeS9oVUx4K2RhZDB0NVV5dkhjOEt0Y9ozZHRxUzRFV0NKa0o2fMVdqdHR4a1loZ2JrKwp1VGVN3VFYZVtdGxVaWo0SGU0TUtsa0poRzZVQjVLc3ZJZJTHFPT1dMUnc1aUd4NUJxKy91TGwyTDZOQVpTWXZyCm4wRWF6bkVJS2JXMmVnTlJTMW5hZWRua1gra2FkcXFaZXZlR2FTSFp5NFUvMXVRT1hJaFFmaS9zaUh0c0EvaCskb1ozeGRBa0NnWUVBPWJId1VuSDNFdjJTM21QY0JJQ2R4ci90VEcxbFE0awVtZRWSoaWZtWY4b1VVakF5UWz2VQp4emc1bjVHOGt0YWs5Uk1RVzhKM1BHNVpoMHc1WTRMQ1BpMVZYcCtEK1h4L2VnMUhnNmlCc3RzMkJsRkliTzdDCl1iZThxSUVtN0ticDRHcHVRVBwMS9wbkpulnFmU0pXR2NNMWo4RnpnMTU1QTJUUjRzQ2h1M01DZ11FQXdadGcKOTBQeEhYdEI5clM0V2NRUkVkREo3Nwt3d21ub2NLY29MWTwT21SVFpIR1dWZ1FPN3ZXZzNBb0IrNEHbd1lwMggpRZzFyS1FQbmVWWGpXZFN2OCtaQThzSHZ1T0VHNG5MeSt4YUgyU2lkMnY3bW44cE1yV30WEwzWnFxU0tMOXpNCmxZS1hVSFAxNTNEUEZhVE1ZTW9FTUMwUUNZKzBVNjAvd1ZsVUF2MENnWUFEMtzZuZmxMbEoydGJpdVNTdjREVCcKK1ZhdjMvdko4WdxcGV3MHVCWWEwdXZ6WW5SRzg4cDdvZ1ZKWXpicjJUZzhTUXVLM2tlVEROMEttdE1mZnF0SwpHVUJHNnRWVm51QWpJa0o5bkh4ZFphUGhFWEFpcVdGVXNhYTExMEdCWUxVMG9Eb3hzek4xK3R8TDNtaGZ4Rk9UCk8vcW9sSFVubUhyUkdPN0ZFWURkQ1FLQmdHVEpnM2dfNVUb01UVdhQ1J6UUNwDSell1cEdLM0lKMk5CVE5ITjREa0lsQU9rQWJGSEVkSVc4ajVMZHdHWXlUNHJUMGZuT05kcmpabGNhYWgyRwp5Q0FxbUpINTRvdEtuZjBSVGhlYWoyYkRFMkVKTzhPVl1Ub3pz0DdSTGl6aF1lTUdaNW5BeTdsK2d1eFVmEQvCl3MbnRBb0dCQUlNdVhTbTBIzrF5aC9tdC9kaVpsRjNTOXE3Vm1WQXRRRWndBN2xLdytXNndHQXYwcDJrQ3dSVWUKOFAwQWF6Sm1rb3VEakFxMUpsMzXwn1RSSWFNVGxtbzZSdElvQ2pNa3FvFFJHVE9XVHlsWGY1TmwyUTY2TlU4agpEYW1haURVSTVIVMmNUTGNIQzB0UnZVMU9lWjFNdFAzaGhlVXdPUFVsSG1lan1JOGdZQk5KCi0tLS0tRU5EIFJTQSBQUklWQVRFIEtFWS0tLS0tCg==

```
ragul@Admin:~/.kube$
```

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
#6 15:17 No Changes	6s	3s	2s	3s	3s	3s	741ms	50s	979ms
#5 14:43 No Changes	1s	2s	1s	2s	2s	3s	508ms	29s	337ms
#4 14:40 1	1s	2s	1s	2s	3s	4s	484ms	37s	533ms failed
#3 14:36 No Changes	1s	3s	2s	3s	3s	3s	508ms	30s	1s failed
#2 13:37 No Changes	1s	1s	848ms	1s	1s	3s	336ms	28s	
#1 13:33 No Changes	1s	1s	848ms	1s	1s	1s	422ms	75ms	

Sidebar:
- 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

Jenkins

Ragul E S   log out

#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.

git

Revision: 96c8a621a428fbee5909c3335044c0e450aca4db
Repository: https://github.com/ragules/simple-web-app

- refs/remotes/origin/main

No changes.

Sidebar:
- 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