Sachinsandron S||DevOps-Day 05:

Devops class guvi (DAY-5)

21 March 2025

Granting Jenkins Sudo Privileges – The jenkins ALL=(ALL) NOPASSWD: ALL entry in the sudoers file allows the Jenkins user to run any command without a password prompt.

Restarting SSH Services – Commands like sudo systemctl restart ssh.service and sudo systemctl restart sshd.service restart the SSH service, ensuring remote login functionality.

Installing OpenSSH Server – The commands sudo apt update and sudo apt install openssh-server update package lists and install the OpenSSH server for secure remote access.

Checking SSH Service Status – sudo systemctl status ssh checks if the SSH service is running and displays its current status.

Systemd Service File Lookup – ls /etc/systemd/system/sshd.service or ls /usr/lib/systemd/system/sshd.service helps locate the SSH daemon's systemd service file.

Reloading Systemd Daemon – sudo systemctl daemon-reload ensures that systemd picks up changes in service configurations without requiring a reboot.

Encoding Minikube Certificate – cat /home/david/.minikube/ca.crt | base64 -w 0; echo encodes the Minikube CA certificate in base64 format, likely for authentication.

Changing Docker Socket Permissions – sudo chmod 666 /var/run/docker.sock grants read and write access to all users for Docker's Unix socket, allowing non-root users to interact with Docker.

Deploying Kubernetes Resources – sh 'kubectl apply -f deployment.yml -validate=false' applies a Kubernetes deployment file, ignoring validation errors.

Accessing Minikube Service – minikube service my-service --url | xargs curl retrieves the Minikube service URL and sends an HTTP request to test its accessibility.

Commands:

```
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/david/.minikube/ca.crt | base64 -w 0; echo sudo chmod 666
/var/run/docker.sock
[https://192.168.39.226:8443](https://192.168.39.226:8443/) sh
'kubectl apply -f deployment.yml --validate=false' minikube
service my-service --url | xargs curl
```

Pipeline codes:

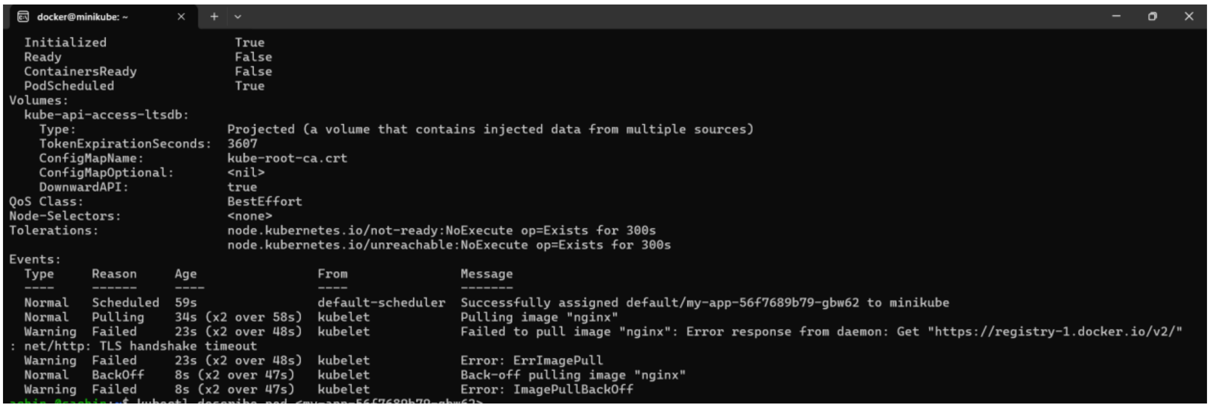
```
pipeline { agent
any


environment {
   DOCKER_CREDENTIALS = credentials('docker-hub-cred')  // Docker Hub Credentials ID
}
```

```
stages {
stage('SCM') {
steps {
      git branch: 'main', url: '<https://github.com/MugeshS-04/guvidevopsday1.git>'
    }
  }

  stage('Build') {
steps {           sh "mvn
clean"           sh "mvn
install"
    }
  }

  stage('Build Docker Image') {
    steps {
script {
        sh 'docker build -t mugeshs04/guvidevopsday1 .'
      }
    }
  }

  stage('Push to Docker Hub') {
    steps {
script {
        docker.withRegistry('<https://index.docker.io/v1/>', 'docker-hub-cred') {
sh 'docker push mugeshs04/guvidevopsday1'
```

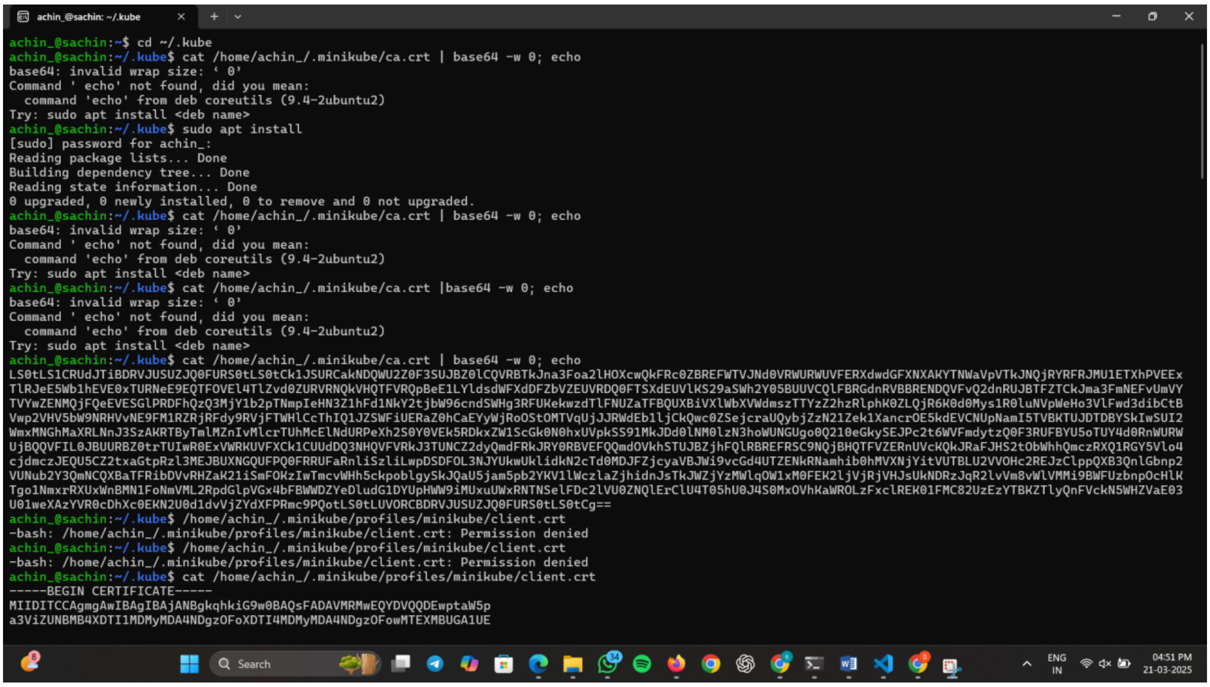
```
            }
          }
        }
    }
}

}

pipeline { agent
any

stages {
stage('SCM') {
steps {
            git branch: 'main', url: '<https://github.com/PraneshC2005/DevOps_simple-
webapp.git>'
        }
    }
    stage('Build-clean') {
        steps{            sh
'mvn clean'
        }
    }
stage('Build-validate') {
        steps{
              sh 'mvn validate'
        }
    }
```

```
stage('Build-compile') {
    steps{
       sh 'mvn compile'
    }
  }
stage('Build-test') {
steps{
       sh 'mvn test'
    }
  }
stage('Build-package') {
    steps{
       sh 'mvn package'
    }
  }
  stage('build to images') {
steps {     script{
      sh "docker build -t praneshc/webapplication ."      }
    }
  }
  stage('docker push hub') {
    steps {
script{
     withDockerRegistry(credentialsId: 'cred-2', url: '<https://index.docker.io/v1/>') {
sh 'docker push praneshc/webapplication'
    }
    }
```

```
        }
    }
}}
```



```
  Initialized                 True
  Ready                       False
  ContainersReady             False
  PodScheduled                True
Volumes:
  kube-api-access-ltsdb:
    Type:                    Projected (a volume that contains injected data from multiple sources)
    TokenExpirationSeconds:  3607
    ConfigMapName:           kube-root-ca.crt
    ConfigMapOptional:       <nil>
    DownwardAPI:             true
QoS Class:                   BestEffort
Node-Selectors:              <none>
Tolerations:                 node.kubernetes.io/not-ready:NoExecute op=Exists for 300s
                             node.kubernetes.io/unreachable:NoExecute op=Exists for 300s
Events:
  Type     Reason     Age                From               Message
  ----     ------     ----               ----               -------
  Normal   Scheduled  59s                default-scheduler  Successfully assigned default/my-app-56f7689b79-gbw62 to minikube
  Normal   Pulling    34s (x2 over 58s)  kubelet            Pulling image "nginx"
  Warning  Failed     23s (x2 over 48s)  kubelet            Failed to pull image "nginx": Error response from daemon: Get "https://registry-1.docker.io/v2/"
: net/http: TLS handshake timeout
  Warning  Failed     23s (x2 over 48s)  kubelet            Error: ErrImagePull
  Normal   BackOff    8s (x2 over 47s)   kubelet            Back-off pulling image "nginx"
  Warning  Failed     8s (x2 over 47s)   kubelet            Error: ImagePullBackOff
achin_@sachin:~$ kubectl describe pod <my-app-56f7689b79-gbw62>
```

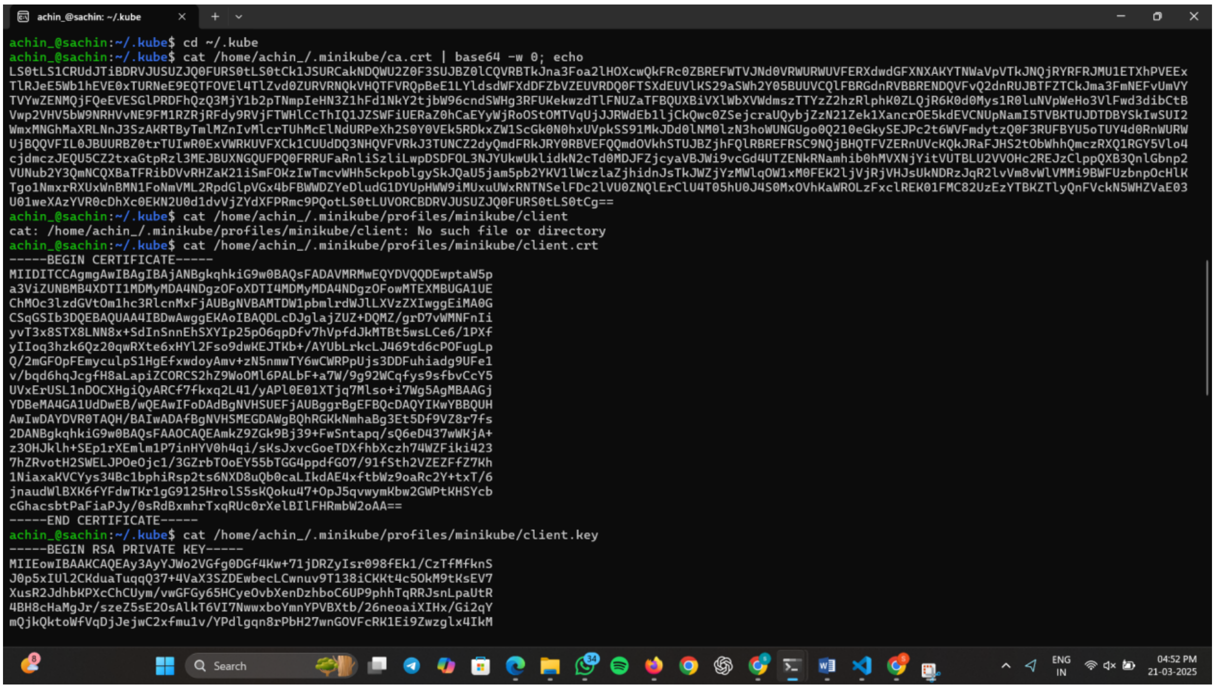


```
achin_@sachin:~$ cd ~/.kube
achin_@sachin:~/.kube$ cat /home/achin_/.minikube/ca.crt | base64 -w 0; echo
base64: invalid wrap size: ‘ 0’
Command ' echo' not found, did you mean:
  command 'echo' from deb coreutils (9.4-2ubuntu2)
Try: sudo apt install <deb name>
achin_@sachin:~/.kube$ sudo apt install
[sudo] password for achin_:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
achin_@sachin:~/.kube$ cat /home/achin_/.minikube/ca.crt | base64 -w 0; echo
base64: invalid wrap size: ‘ 0’
Command ' echo' not found, did you mean:
  command 'echo' from deb coreutils (9.4-2ubuntu2)
Try: sudo apt install <deb name>
achin_@sachin:~/.kube$ cat /home/achin_/.minikube/ca.crt |base64 -w 0; echo
base64: invalid wrap size: ‘ 0’
Command ' echo' not found, did you mean:
  command 'echo' from deb coreutils (9.4-2ubuntu2)
Try: sudo apt install <deb name>
achin_@sachin:~/.kube$ cat /home/achin_/.minikube/ca.crt | base64 -w 0; echo
```

```
LS0tLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tCk1JSURCakNDQWU2Z0F3SUJBZ0lCQVRBTkJna3Foa2lHOXcwQkFRc0ZBREFWTVJNd0VRWURWUVFERXdwdGFXNXAKYTNWaVpVTkJNQjRYRFRJMU1ETXhPVEEx
TlRJeE5Wb1hEVE0xTURNeE9EQTFOVEl4TlZvd0ZURVRNQkVHQTFVRQpBeE1LYldsdWFXdDFZbVZEUVRDQ0FTSXdEUVlKS29aSWh2Y05BUUVCQlFBRGdnRVBBRENDQVFvQ2dnRUJBTFZTCkJma3FmNEFvUmVY
TVYwZENMQjFQeEVESGlPRDFhQzQ3MjY1b2pTNmpIeHN3Z1hFd1NkY2tjbW96cndSWHg3RFUKekwzdTlFNUZaTFBQUXBiVXlWbXVWdmszTTYzZ2hzRlphK0ZLQjR6K0d0Mys1R0luNVpWeHo3VlFwd3dibCtB
Vwp2VHV5bW9NRHVvNE9FM1RZRjRFdy9RVjFTWHlCcThIQ1JZSWFiUERaZ0hCaEYyWjRoOStOMTVqUjJJRWdEb1ljCkQwc0ZSejcraUQybjZzN21Zek1XancrOE5kdEVCNUpNamI5TVBKTUJDTDBYSkIwSUI2
WmxMNGhMaXRLNnJ3SzAKRTByTmlMZnIvMlcrTUhMcElNdURPeXh2S0Y0VEk5RDkxZW1ScGk0N0hxUVpkSS91MkJDd0lNM0lzN3hoWUNGUgo0Q210eGkySEJPc2t6WVFmdytzQ0F3RUFBYU5oTUY4d0RnWURW
UjBQQVFIL0JBUURBZ0tUTUIwR0ExVWRKUVFXCk1CUUdDQ3NHQVFVRkJ3TUNCZ2dyQmdFRkJRY0RBVEFQQmdOVkhSTUJBZjhFQlRBREFRSC9NQjBHQTFVZERnUVcKQkJRaFJHS2tObWhhQmczRXQ1RGY5Vlo4
cjdmczJEQU5CZ2txaGtpRzl3MEJBUXNGQUFPQ0FRRUFaRnliSzliLwpDSDFOL3NJYUkwUklidkN2cTd0MDJFZjcyaVBJWi9vcGd4UTZENkRNamhib0hMVXNjYitVUTBLU2VVOHc2REJzClppQXB3QnlGbnp2
VUNub2Y3QmNCQXBaTFRibDVvRHZaK21iSmFOKzIwTmcvWHh5ckpoblgySkJQaU5jam5pb2YKV1lWczlaZjhidnJsTkJWZjYzMWlqOW1xM0FEK2ljVjRjVHJsUkNDRzJqR2lvVm8vWlVMMi9BWFUzbnpOcHlK
Tgo1NmxrRXUxWnBMN1FoNmVML2RpdGlpVGx4bFBWWDZYeDludG1DYUpHWW9iMUxuUWxRNTNSelFDc2lVU0ZNQlErClU4T05hU0J4S0MxOVhKaWROLzFxclREK01FMC82UzEzYTBKZTlyQnFVckN5WHZVaE03
U01weXAzYVR0cDhXc0EKN2U0d1dvVjZYdXFPRmc9PQotLS0tLUVORCBDRVJUSUZJQ0FURS0tLS0tCg==
```

```
achin_@sachin:~/.kube$ /home/achin_/.minikube/profiles/minikube/client.crt
-bash: /home/achin_/.minikube/profiles/minikube/client.crt: Permission denied
achin_@sachin:~/.kube$ /home/achin_/.minikube/profiles/minikube/client.crt
-bash: /home/achin_/.minikube/profiles/minikube/client.crt: Permission denied
achin_@sachin:~/.kube$ cat /home/achin_/.minikube/profiles/minikube/client.crt
-----BEGIN CERTIFICATE-----
```

```
MIIDITCCAgmgAwIBAgIBAjANBgkqhkiG9w0BAQsFADAVMRMwEQYDVQQDEwptaW5p
a3ViZUNBMB4XDTI1MDMyMDA4NDgzOFoXDTI4MDMyMDA4NDgzOFowMTEXMBUGA1UE
```



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

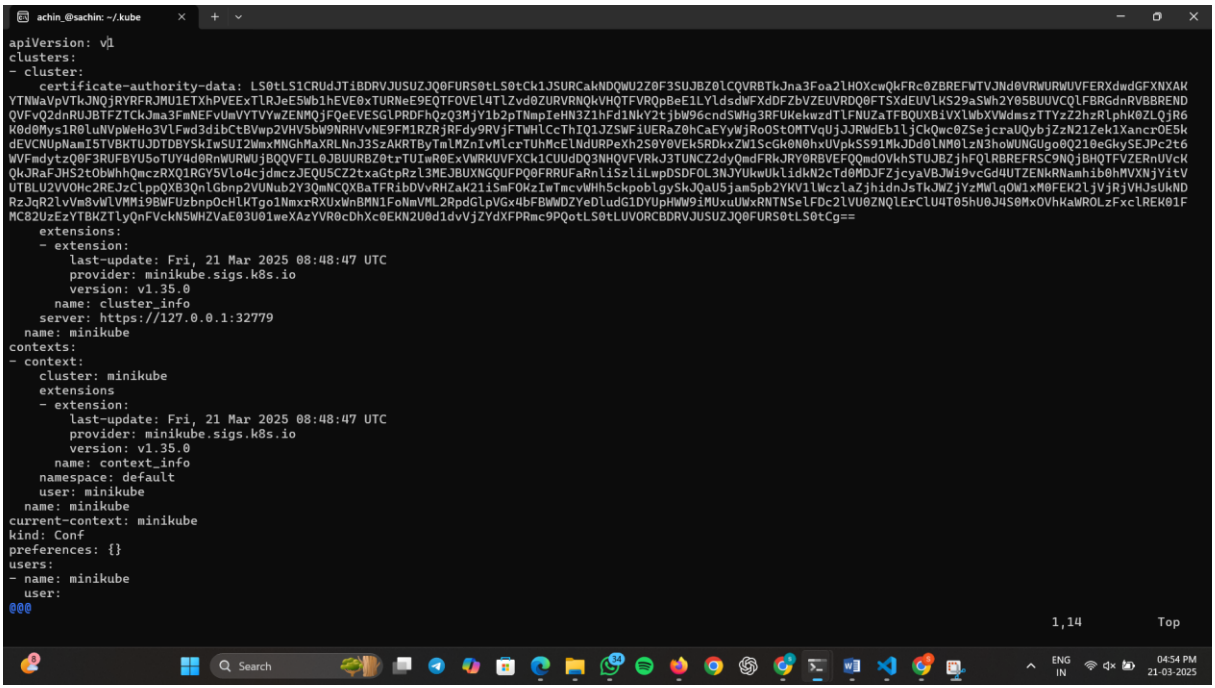
```
LS0tLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tCk1JSURCakNDQWU2Z0F3SUJBZ0lCQVRBTkJna3Foa2lHOXcwQkFRc0ZBREFWTVJNd0VRWURWUVFERXdwdGFXNXAKYTNWaVpVTkJNQjRYRFRJMU1ETXhPVEEx
TlRJeE5Wb1hEVE0xTURNeE9EQTFOVEl4TlZvd0ZURVRNQkVHQTFVRQpBeE1LYldsdWFXdDFZbVZEUVRDQ0FTSXdEUVlKS29aSWh2Y05BUUVCQlFBRGdnRVBBRENDQVFvQ2dnRUJBTFZTCkJma3FmNEFvUmVY
TVYwZENMQjFQeEVESGlPRDFhQzQ3MjY1b2pTNmpIeHN3Z1hFd1NkY2tjbW96cndSWHg3RFUKekwzdTlFNUZaTFBQUXBiVXlWbXVWdmszTTYzZ2hzRlphK0ZLQjR6K0d0Mys1R0luNVpWeHo3VlFwd3dibCtB
Vwp2VHV5bW9NRHVvNE9FM1RZRjRFdy9RVjFTWHlCcThIQ1JZSWFiUERaZ0hCaEYyWjRoOStOMTVqUjJJRWdEb1ljCkQwc0ZSejcraUQybjZzN21Zek1XancrOE5kdEVCNUpNamI5TVBKTUJDTDBYSkIwSUI2
WmxMNGhMaXRLNnJ3SzAKRTByTmlMZnIvMlcrTUhMcElNdURPeXh2S0Y0VEk5RDkxZW1ScGk0N0hxUVpkSS91MkJDd0lNM0lzN3hoWUNGUgo0Q210eGkySEJPc2t6WVFmdytzQ0F3RUFBYU5oTUY4d0RnWURW
UjBQQVFIL0JBUURBZ0trTUIwR0ExVWRKUVFXCk1CUUdDQ3NHQVFVRkJ3TUNCZ2dyQmdFRkJRY0RBVEFQQmdOVkhSTUJBZjhFQlRBREFRSC9NQjBHQTFVZERnUVcKQkJRaFJHS2tObWhhQmczRXQ1RGY5Vlo4
cjdmczJEQU5CZ2txaGtpRzl3MEJBUXNGQUFPQ0FRRUFaRnliSzliLwpDSDFOL3NJYUkwUklidkN2cTd0MDJFZjcyaVBJWi9vcGd4UTZENkRNamhib0hMVXNjYitVUTBLU2VVOHc2REJzClppQXB3QnlGbnp2
VUNub2Y3QmNCQXBaTFRibDVvRHZaK21iSmFOKzIwTmcvWHh5ckpoblgySkJQaU5jam5pb2YKV1lWczlaZjhidnJsTkJWZjYzMWlqOW1xM0FEK2ljVjRjVHJsUkNDRzJqR2lvVm8vWlVMMi9BWFUzbnpOcHlK
Tgo1NmxrRXUxWnBMN1FoNmVML2RpdGlpVGx4bFBWWDZYeDludG1DYUpHWW9iMUxuUWxRNTNSelFDc2lVU0ZNQlErClU4T05hU0J4S0MxOVhKaWROLzFxclREK01FMC82UzEzYTBKZTlyQnFVckN5WHZVaE03
U01weXAzYVR0cDhXc0EKN2U0d1dvVjZYdXFPRmc9PQotLS0tLUVORCBDRVJUSUZJQ0FURS0tLS0tCg==
```

```
achin_@sachin:~/.kube$ cat /home/achin_/.minikube/profiles/minikube/client
cat: /home/achin_/.minikube/profiles/minikube/client: No such file or directory
achin_@sachin:~/.kube$ cat /home/achin_/.minikube/profiles/minikube/client.crt
```

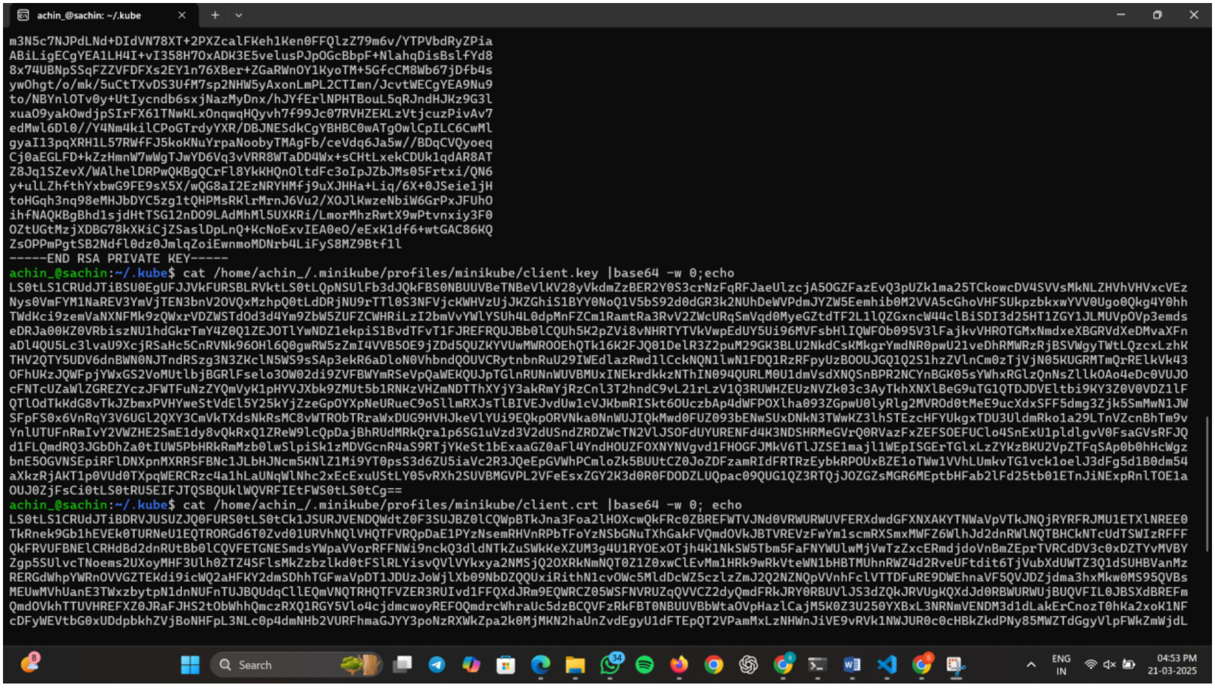
```
-----BEGIN CERTIFICATE-----
MIIDITCCAgmgAwIBAgIBAjANBgkqhkiG9w0BAQsFADAVMRMwEQYDVQQDEwptaW5p
a3ViZUNBMB4XDTI1MDMyMDA4NDgzOFoXDTI4MDMyMDA4NDgzOFowMTEXMBUGA1UE
ChMOc3lzdGVtOm1hc3RlcnMxFjAUBgNVBAMTDW1pbmlrdWJlLXVzZXIwggEiMA0G
CSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQDLcDJglajZUZ+DQMZ/grD7vWMNFnIi
yvT3x8STX8LNN8x+SdInSnnEhSXYIp25pO6qpDfv7hVpfdJkMTBt5wsLCe6/1PXf
yIIoq3hzk6Qz20qwRXte6xHYl2Fso9dwKEJTKb+/AYUbLrkcLJ469td6cPOFugLp
Q/2mGFOpFEmyculpS1HgEfxwdoyAmv+zN5nmwTY6wCWRPpUjs3DDFuhiadg9UFe1
v/bqd6hqJcgfH8aLapiZCORCS2hZ9WoOMl6PALbF+a7W/9g92WCqfys9sfbvCcY5
UVxErUSL1nDOCXHgiQyARCf7fkxq2L41/yAPl0E01XTjq7Mlso+i7Wg5AgMBAAGj
YDBeMA4GA1UdDwEB/wQEAwIFoDAdBgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUH
AwIwDAYDVR0TAQH/BAIwADAfBgNVHSMEGDAWgBQhRGKkNmhaBg3Et5Df9VZ8r7fs
2DANBgkqhkiG9w0BAQsFAAOCAQEAmkZ9ZGk9Bj39+FwSntapq/sQ6eD437wWKjA+
z3OHJklh+SEp1rXEmlm1P7inHYV0h4qi/sKsJxvcGoeTDXfhbXczh74WZFiki423
7hZRvotH2SWELJPOeOjc1/3GZrbTOoEY55bTGG4ppdfGO7/91fSth2VZEZFfZ7Kh
1NiaxaKVCYys34Bc1bphiRsp2ts6NXD8uQb0caLIkdAE4xftbWz9oaRc2Y+txT/6
jnaudWlBXK6fYFdwTKr1gG9125HrolS5sKQoku47+OpJ5qvwymKbw2GWPtKHSYcb
cGhacsbtPaFiaPJy/0sRdBxmhrTxqRUc0rXelBIlFHRmbW2oAA==
-----END CERTIFICATE-----
```

```
achin_@sachin:~/.kube$ cat /home/achin_/.minikube/profiles/minikube/client.key
```

```
-----BEGIN RSA PRIVATE KEY-----
MIIEowIBAAKCAQEAy3AyYJWo2VGfg0DGf4Kw+71jDRZyIsr098fEk1/CzTfMfknS
J0p5xIUl2CKduaTuqqQ37+4VaX3SZDEwbecLCwnuv9T138iCKKt4c5OkM9tKsEV7
XusR2JdhbKPXcChCUym/vwGFGy65HCyeOvbXenDzhboC6UP9phhTqRRJsnLpaUtR
4BH8cHaMgJr/szeZ5sE2OsAlkT6VI7NwwxboYmnYPVBXtb/26neoaiXIHx/Gi2qY
mQjkQktoWfVqDjJejwC2xfmu1v/YPdlgqn8rPbH27wnGOVFcRK1Ei9Zwzglx4IkM
```



```
apiVersion: v1
clusters:
- cluster:
    certificate-authority-data: LS0tLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tCk1JSURCakNDQWU2Z0F3SUJBZ0lCQVRBTkJna3Foa2lHOXcwQkFRc0ZBREFWTVJNd0VRWURWUVFERXdwdGFXNXAK
YTNWaVpVTkJNQjRYRFRJMU1ETXhPVEExTlRJeE5Wb1hEVE0xTURNeE9EQTFOVEl4TlZvd0ZURVRNQkVHQTFVRQpBeE1LYldsdWFXdDFZbVZEUVRDQ0FTSXdEUVlKS29aSWh2Y05BUUVCQlFBRGdnRVBBREND
QVFvQ2dnRUJBTFZTCkJma3FmNEFvUmVYTVYwZENMQjFQeEVESGlPRDFhQzQ3MjY1b2pTNmpIeHN3Z1hFd1NkY2tjbW96cndSWHg3RFUKekwzdTlFNUZaaTFBQUXBiVXlWbXVWdmszTTYzZ2hzRlphK0ZLQjR6
K0d0Mys1R0luNVpWeHo3VlFwd3dibCtBVwp2VHV5bW9NRHVvNE9FM1RZRjRRFdy9RVjFTWHlCcThIQ1JZSWFiUERaZ0hCaEYyWjRoOStOMTVqUjJJRWdEb1ljCkQwc0ZSejcraUQybjZzN21Zek1XancrOE5k
dEVCNUpNamI5TVBKTUJDTDBYSkIwSUI2WmxMNGhMaXRLNnJ3SzAKRTByTmlMZnIvMlcrTUhMcElNdURPeXh2S0Y0VEk5RDkxZW1ScGk0N0hxUVpkSS91MkJDd0lNM0lzN3hoWUNGUgo0Q210eGkySEJPc2t6
WVFmdytzQ0F3RUFBYU5oTUY4d0RnWURWUjBQQVFIL0JBUURBZ0trTUIwR0ExVWRKUVFXCk1CUUdDQ3NHQVFVRkJ3TUNCZ2dyQmdFRkJRY0RBVEFQQmdOVkhSTUJBZjhFQlRBREFRSC9NQjBHQTFVZERnUVcK
QkJRaFJHS2tObWhhQmczRXQ1RGY5Vlo4cjdmczJEQU5CZ2txaGtpRzl3MEJBUXNGQUFPQ0FRRUFaRnliSzliLwpDSDFOL3NJYUkwUklidkN2cTd0MDJFZjcyaVBJWi9vcGd4UTZENkRNamhib0hMVXNjYitV
UTBLU2VVOHc2REJzClppQXB3QnlGbnp2VUNub2Y3QmNCQXBaTFRibDVvRHZaK21iSmFOKzIwTmcvWHh5ckpoblgySkJQaU5jam5pb2YKV1lWczlaZjhidnJsTkJWZjYzMWlqOW1xM0FEK2ljVjRjVHJsUkND
RzJqR2lvVm8vWlVMMi9BWFUzbnpOcHlKTgo1NmxrRXUxWnBMN1FoNmVML2RpdGlpVGx4bFBBWWDZYeDludG1DYUpHWW9iMUxuUWxRNTNlFDc2lVU0ZNQlErClU4T05hU0J4S0MxOVhKaWROLzFxclREK01F
MC82UzEzYTBKZTlyQnFVckN5WHZaE03U01weXAzYVR0cDhXc0EKN2U0d1dvVjZYdFPRmc9PQotLS0tLUVORCBDRVJUSUZJQ0FURS0tLS0tCg==
    extensions:
    - extension:
        last-update: Fri, 21 Mar 2025 08:48:47 UTC
        provider: minikube.sigs.k8s.io
        version: v1.35.0
      name: cluster_info
    server: https://127.0.0.1:32779
  name: minikube
contexts:
- context:
    cluster: minikube
    extensions
    - extension:
        last-update: Fri, 21 Mar 2025 08:48:47 UTC
        provider: minikube.sigs.k8s.io
        version: v1.35.0
      name: context_info
    namespace: default
    user: minikube
  name: minikube
current-context: minikube
kind: Conf
preferences: {}
users:
- name: minikube
  user:
@@@
                                                                                  1,14          Top
```



```
m3N5c7NJPdLNd+DIdVN78XT+2PXZcalFKeh1Ken0FFQlzZ79m6v/YTPVbdRyZPia
ABiLigECgYEA1LH4I+vI358H7OxADK3E5velusPJpOGcBbpF+NlahqDisBslfYd8
8x74UBNpSSqFZZVFDFXs2EY1n76XBer+ZGaRWnOY1KyoTM+5GfcCM8Wb67jDfb4s
ywOhgt/o/mk/5uCtTXvDS3UfM7sp2NHW5yAxonLmPL2CTImn/JcvtWECgYEA9Nu9
to/NBYnlOTv0y+UtIycndb6sxjNazMyDnx/hJYfErlNPHTBouL5qRJndHJKz9G3l
xuaO9yakOwdjpSIrFX61TNwKLxOnqwqHQyvh7f99Jc07RVHZEKLzVtjcuzPivAv7
edMwl6Dl0//Y4Nm4kilCPoGTrdyYXR/DBJNESdkCgYBHBC0wATgOwlCpILC6CwMl
gyaI13pqXRH1L57RWfFJ5koKNuYrpaNoobyTMAgFb/ceVdq6Ja5w//BDqCVQyoeq
Cj0aEGLFD+kZzHmnW7wWgTJwYD6Vq3vVRR8WTaDD4Wx+sCHtLxekCDUk1qdAR8AT
Z8Jq1SZevX/WAlhelDRPwQKBgQCrFl8YkKHQnOltdFc3oIpJZbJMs05Frtxi/QN6
y+ulLZhfthYxbwG9FE9sX5X/wQG8aI2EzNRYHMfj9uXJHHa+Liq/6X+0JSeie1jH
toHGqh3nq98eMHJbDYC5zg1tQHPMsRKlrMrnJ6Vu2/XOJlKwzeNbiW6GrPxJFUhO
ihfNAQKBgBhd1sjdHtTSG12nDO9LAdMhMl5UXKRi/LmorMhzRwtX9wPtvnxiy3F0
OZtUGtMzjXDBG78kXKiCjZSaslDpLnQ+KcNoExvIEA0eO/eExK1df6+wtGAC86KQ
ZsOPPmPgtSB2Ndfl0dz0JmlqZoiEwnmoMDNrb4LiFyS8MZ9Btf1l
-----END RSA PRIVATE KEY-----
achin_@sachin:~/.kube$ cat /home/achin_/.minikube/profiles/minikube/client.key |base64 -w 0;echo
LS0tLS1CRUdJTiBSU0EgUFJJVkFURSBLRVktLS0tLQpNSUlFb3dJQkFBS0NBUUVBeTNBeVlKV28yVkdmZzBER2Y0S3crNzFqRFJaeUlzcjA5OGZFazEvQ3pUZk1ma25TCkowcDV4SVVsMkNLZHVhVHVxcVEz
Nys0VmFYM1NaREV3YmVjTEN3bnV2OVQxMzhpQ0tLdDRjNU9rTTl0S3NFVjcKWHVzUjJKZGhiS1BYY0NoQ1V5bS92d0dGR3k2NUhDeWVPdmJYZW5Eemhib0M2VVA5cGhoVHFSUkpzbkxwYVV0Ugo0Qkg4Y0hh
TWdKci9zemVaNXNFMk9zQWxrVDZWSTdOd3d4Ym9ZbW5ZUFZCWHRiLzI2bmVvYWlYSUh4L0dpMnFZCm1RamtRa3RvV2ZWcURqSmVqd0MyeGZtdTF2L1lQZGxncW44clBiSDI3d25HT1ZGY1JLMUVpOVp3emds
eDRJa00KZ0VRbiszNU1hdGkrTmY4Z0Q1ZEJOTlYwNDZ1ekpiS1BvdTFvT1FJREFRQUJBb0lCQUh5K2pZVi8vNHRTYTVkVwpEdUY5Ui96MVFsbHlIQWFOb095V3lFajkvVHROTGMxNmdxeXBGRVdXeDMvaXFn
aDl4QU5Lc3lvaU9XcjRSaHc5CnRVNk96OHl6Q0gwRW5zZmI4VVB5OE9jZDd5QUZKYVUwMWROOEhQTk16K2FJQ01DelR3Z2puM29GK3BLU2NkdCsKMkgrYmdNR0pwU21veDhRMWRzRjBSVWgyTWtLQzcxLzhK
THV2QTY5UDV6dnBWN0NJTndRSzg3N3ZKclN5WS9sSAp3ekR6aDloN0VhbndQOUVCRytnbnRuU29IWEdlazRwd1lCckNQN1lwN1FDQ1RzRFpyUzBOOUJGQ1Q2S1hzZVlnCm0zTjVjN05KUGRMTmQrRElkVk43
OFhUKzJQWFpjYWxGS2VoMUtlbjBGRlFselo3OW02di9ZVFBWYmRSeVpQaWEKQUJpTGlnRUNnWUVBMUxINEkrdkkzNThIN094QURLM0U1dmVsdXNQSnBPR2NCYnBGK05sYWhxRGlzQnNsZllkOAo4eDc0VUJO
cFNTcUZaWlZGREZYczJFWTFuNzZYQmVyK1pHYVJXbk9ZMUt5b1RNKzVHZmNDTThXYjY3akRmYjRzCnl3T2hndC9vL21rLzV1Q3RUWHZEUzNVZk03c3AyTkhXNXlBeG9uTG1QTDJDVEltbi9KY3Z0V0VDZ1lF
QTlOdTkKdG8vTkJZbmxPVHYweStVdEl5Y25kYjZzeGpOYXpNeURueC9oSllmRXJsTlBIVEJvdUw1cVJKbmRISkt6OUczbAp4dWFPOXlha093ZGpwU0lyRlg2MVROd0tMeE9ucXdxSFF5dmg3Zjk5SmMwN1JW
SFpFS0x6VnRqY3V6UGl2QXY3CmVkTXdsNkRsMC8vWTRObTRraWxDUG9HVHJkeVlYUi9EQkpORVNka0NnWUJIQkMwd0FUZ093bENwSUxDNkN3TWwKZ3lhSTEzcHFYUkgxTDU3UldmRko1a29LTnVZcnBhTm9v
YnlUTUFnRmIvY2VWZHE2SmE1dy8vQkRxQ1ZReW9lcQpDajBhRUdMRkQra1p6SG1uVzd3V2dUSndZRDZWcTN2VlJSOFdUYURENFd4K3NDSHRMeGVrQ0RVazFxZEFSOEFUClo4SnExU1pldlgvV0FsaGVsRFJQ
d1FLQmdRQ3JGbDhZa0tIUW5PbHRkRmMzb0lwSlpiSk1zMDVGcnR4aS9RTjYKeSt1bExaaGZ0aFl4YndHOUZFOXNYNVgvd1FHOGFJMkV6TlJZSE1majl1WEpISGErTGlxLzZYKzBKU2VpZTFqSAp0b0hHcWgz
bnE5OGVNSEpiRFlDNXpnMXRRSFBNc1JLbHJNcm5KNlZ1Mi9YT0psS3d6ZU5iaVc2R3JQeEpGVWhPCmloZk5BUUtCZ0JoZDFzamRIdFRTRzEybkRPOUxBZE1oTWw1VVhLUmkvTG1vck1oelJ3dFg5d1B0dm54
aXkzRjAKT1p0VUd0TXpqWERCRzc4a1hLaUNqWlNhc2xEcExuUStLY05vRXh2SUVBMGVPL2VFeEsxZGY2K3d0R0FDODZLUQpac09QUG1QZ3RTQjJOZGZsMGR6MEptbHFab2lFd25tb01ETnJiNExpRnlTOE1a
OUJ0ZjFsCi0tLS0tRU5EIFJTQSBQUklWQVRFIEtFWS0tLS0tCg==
achin_@sachin:~/.kube$ cat /home/achin_/.minikube/profiles/minikube/client.crt |base64 -w 0; echo
LS0tLS1CRUdJTiBDRVJUSUZJQ0FURS0tLS0tCk1JSURJVENDQWdtZ0F3SUJBZ0lCQWpBTkJna3Foa2lHOXcwQkFRc0ZBREFWTVJNd0VRWURWUVFERXdwdGFXNXAKYTNWaVpVTkJNQjRYRFRJMU1ETXlNREE0
TkRnek9Gb1hEVEk0TURNeU1EQTRORGd6T0Zvd01URVhNQlVHQTFVRQpDaE1PYzNsemRHVnRPbTFoYzNSbGNuTXhGakFVQmdOVkJBTVREVzFwYm1scmRXSmxMWFZ6WlhJd2dnRWlNQTBHQ1NxR1NJYjNEUUVC
QkFRVUFBNElCRHdBd2dnRUtBb0lCQVFETGNESmdsYWpaVVo5blFNWmpoTHJ2V01WaWNrQ3dldE5TWkZuSWkwOXNjQ3dldE5TWkZuSWkwOXNjQ3dldE5TWkZuSWkwOXNj
Zgp5SUlvcTNoems2UXoyMHF2ek1HF3Ulh0ZTZ4SFlsMkZzbzlkd0tFSlRLYisvQVlVVYkxya2NMSjQ2OXRkNmQ0ZTd1dVhRZ3Fmbzg0UjZ1bXIyZC9BWDJHYnhmSEJLUXdQNm9lcTRvR3p1Z1dYeWVZbjNhSDhB
RERGdWhpYWRnOVVGZTEKdi9icWQ2aHFKY2dmSDhhTGFwaVpDT1JDUzJoWjlXbXb09NbDZQQUxpRithTjFjdk9Wc5MldDcWZ5czlzZmJ2Q2NZNZNQpVVnhFclVTTDFuRE9EWEhnaVF5QVJDZGptaTNoeE1kZW1pS2ZlRVBz
MEUwMVhUanE3TWxzbytpN1dnNUFnTUJBQUdqClllQmVNVNQTRHQTFVZER3RUIvd1FFQXdJRm9EQWRCZ05WSFNVRUZqQVVCZ2dyQmdFRkJRY0RBUVlJS3dZQkJRVUhBd0l3REFZRFZSMFRBUUgvQkFJd0FEQWZm
QmdOVkhTTUVHREFXZ0JRaFJHS2tObWhhQmczRXQ1RGY5Vlo4cjdmczJEQU5CZ2txaGtpRzl3MEJBUXNGQUFPQ0FRRUFzZ3gzdGhXdkFzRkFTZmJBQ0E1RUpvZ3h6T2NyU0x2QjluZUtnUjRPYnhLa2xyb0s1TF
cDFyWEVtbG0xUDdpbkhZVjBoNHFpL3NLc0p4dmNHb2VVRFFhmaGJYY3poNzRXkZpa2k0MjMKN2haUnZvdEgyU1dFTEpQQT2VPamMxLzNHWnJiVE9vSVE5vRVk1NWJUR0c0cHBkZkdNY85MWZTdGGgyVlpFWkZmWjdL
```