

## SSH Service Mangements

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/chan/.minikube/ca.crt | base64 -w 0; echo

```
rithik@RITHIK: ~$ minikube start
minikube v1.35.0 on Ubuntu 24.04 (amd64)
Using the docker driver based on existing profile
Starting "minikube" primary control-plane node in "minikube" cluster
Pulling base image v0.0.46 ...
Restarting existing docker container for "minikube" ...
Preparing Kubernetes v1.32.0 on Docker 27.4.1 ...
Verifying Kubernetes components...
  * Using image gcr.io/k8s-minikube/storage-provisioner:v5
Enabled addons: default-storageclass, storage-provisioner
Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
rithik@RITHIK:~$ sudo systemctl restart ssh
[sudo] password for rithik:
rithik@RITHIK:~$ sudo status
sudo: status: command not found
rithik@RITHIK:~$ 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 06:14:34 UTC; 26s ago
     TriggeredBy: ● ssh.socket
       Docs: man:sshd(8)
             man:sshd_config(5)
    Process: 4885 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)
   Main PID: 4887 (sshd)
      Tasks: 1 (limit: 4419)
     Memory: 2.0M (⁂)
        CGroup: /system.slice/ssh.service
                └─4887 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups"

rithik@RITHIK:~/k8s$
rithik@RITHIK:~/k8s$ sshd[4887]: Server listening on :: port 22.
rithik@RITHIK:~/k8s$ 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 06:14:34 UTC; 26s ago
     TriggeredBy: ● ssh.socket
       Docs: man:sshd(8)
             man:sshd_config(5)
    Process: 4885 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)
   Main PID: 4887 (sshd)
      Tasks: 1 (limit: 4419)
     Memory: 2.0M (⁂)
        CGroup: /system.slice/ssh.service
                └─4887 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups"

rithik@RITHIK:~/k8s$
rithik@RITHIK:~/k8s$ sudo vi config
[1]+  Stopped                  sudo vi config
rithik@RITHIK:~/k8s$ sudo vi config
rithik@RITHIK:~/k8s$ kubectrl get node
NAME      STATUS    ROLES    AGE   VERSION
minikube  Ready    control-plane  47h   v1.32.0
rithik@RITHIK:~/k8s$ cd
rithik@RITHIK:~$ sudo service jenkins restart
```

```
rithik@RITHIK: ~$  
Tasks: 1 (limit: 4419)  
Memory: 2.0M ()  
CGroup: /system.slice/ssh.service  
└─4887 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups"  
  
rithik@RITHIK:~/.kube$  
rithik@RITHIK:~/.kube$ sshd[4887]: Server listening on :: port 22.  
rithik@RITHIK:~/.kube$ systemctl status ssh.service - OpenSSH Secure Shell server.  
rithik@RITHIK:~/.kube$ kubeconfig  
rithik@RITHIK:~/.kube$ sudo vi config  
rithik@RITHIK:~/.kube$ sudo vi config  
[sudo] password for rithik:  
  
[1]+ Stopped sudo vi config  
rithik@RITHIK:~/.kube$ sudo vi config  
rithik@RITHIK:~/.kube$ kubectl get node  
NAME STATUS ROLES AGE VERSION  
minikube Ready control-plane 47h v1.32.0  
rithik@RITHIK:~/.kube$ cd  
rithik@RITHIK:~$ sudo service jenkins restart  
[sudo] password for rithik:  
rithik@RITHIK:~$ sudo chmod 666 /var/run/docker.sock  
rithik@RITHIK:~$ sudo service jenkins restart  
rithik@RITHIK:~$ sudo chmod 666 /var/run/docker.sock  
[sudo] password for rithik:  
rithik@RITHIK:~$ docker tag my-image:latest my-dockerhub-username/my-image:latest  
docker push my-dockerhub-username/my-image:latest  
Error response from daemon: No such image: my-image:latest  
The push refers to repository [docker.io/my-dockerhub-username/my-image]  
An image does not exist locally with the tag: my-dockerhub-username/my-image  
rithik@RITHIK:~$ docker tag my-image:latest  
"docker tag" requires exactly 2 arguments.  
See 'docker tag --help'.  
  
Usage: docker tag SOURCE_IMAGE[:TAG] TARGET_IMAGE[:TAG]  
  
Create a tag TARGET_IMAGE that refers to SOURCE_IMAGE  
rithik@RITHIK:~$ sudo chmod 666 /var/run/docker.sock  
[sudo] password for rithik:  
rithik@RITHIK:~$ sudo chmod 666 /var/run/docker.sock  
rithik@RITHIK:~$ kubectl get node  
NAME STATUS ROLES AGE VERSION  
minikube Ready control-plane 2d3h v1.32.0  
rithik@RITHIK:~$
```

```
Ubuntu  
rithik@RITHIK:~$ ls  
Dockerfile docker-compose.yml pod.yml rs.yml  
deployment.yml  
rithik@RITHIK:~$ sudo cat /home/rithik/.minikube/ca.crt  
[sudo] password for rithik:  
-----BEGIN CERTIFICATE-----  
MIIDBjCCAEgAwIBAgIBATANBgkqhkiG9w0BAQsFADAVMRMwEQYDVQDEwptaWSp  
a3ViZUNBMBA4XDTI1MDMxODAxNTA1M1QXDTI1MDMxNzA2NTA1M1owFETMmBEGA1UE  
AxMKBWluat1YmVQOTCCASiWQYKzIhcnNAQEBBQADgEPADCCAAQoCggEBANYG  
DnRnQZ4/RQZES1RvgF63vLKzFgT0UocJLeuVcgk8MY/pfhD+MoAKkLEskT9LTCyA  
paaGafNLGRjXylt6E08bVqzWArDeJaYtWnJL17C0Qg9/SUG62D4sa0EhApQ4g6W  
DdVjhSguOfxdKFDU6cgwBP20y23/dfmQ61/SUDzVhpYx03YUaOHnWm9YgK05F0  
/n4153nbU4fd91+o0q9g51IHUfp3hLEsN+Dtio2KkHYC0Gx8M1tZGVHSV571Gmx/  
7ILZRpPQLZgZ0/XsMjaIpWnu+pcaAqR1RT0cc7RYm6onpeVdIS+WZhAKkToYRMNs  
MzGMYGSF0ELZnYHqCawEAAANhMF8wDgYDVR0PAAQ/BAQDAgKKB0CA1UdJQQM  
MBQGCCSGAQFwBwCBggBgEgFBQCATAPBgNVHRMBAF8EBTADAQH/MB0CA1UdDgQM  
BBTq+RR9qxN8P1rdw/B0SVEoctrojANBgkqhkiG9w0BAQsFAAQAQAEJ1hZON4H  
Wlbdy047rjCYLMSzL2CB/ZC0dUWmnrL/R4bQPwMDsdlryWSpRu9bTmopbdt/n  
2nzK9SsFcvodhLd23iv1a/UlpIn8edtyL3jcygRvksutj5Z608U+wZsYU06Tu  
ZdcCj8/ocvF0P/IdmK4Cz0z01d683krjXbmZU05T9uR3FXztunldmVzeKrf4f  
CDk3zd9mCoiBpu9j381hJjT5/jaKz8M8U0ZRDVTSF/J398RzaT8VRYxL1qW  
R7vSoEWmDvI48q+VliFEQjIE4Kd/Nsz70q3pVf6dGcMuJp6wX9ENGQuBLWcuxMAV  
Fb2o4AdYUmfRQ==  
-----END CERTIFICATE-----  
rithik@RITHIK:~$ sudo cat /home/rithik/.minikube/ca.crt | base64 -w 0; echo  
LS0tLS1CRUdJTi1BRDRVJUSUZ0FUR5S0tLS0tCk1JSURCaKN0QUJ2Z0F3SUJBZ0lCQVRBTKJna3Foa2lHOXcwQkFRc0ZBREFlTVJnd0VRWURWUWFERXdwGfXNNAKYTNWApVtKJNQjYRFRJMU1ETXhpREEY  
TLRBMU0xb1hEVE0xTURNES60TJOVEEXTTFvd0ZURVRNQNkVH0TFVR0pBeE1YL1dsdWFXdFZBVZEUVRDQ0FTSXdEUVLKS29saWh2Y05BUUVCQlFBRCdnRVBBERNDQVQvQ2dnRUJBTlLHCKR0ckSRWj0vULFa  
RVmXUjLnZjYzdkxLekY2dFVP0bNqBGV1VnNnZBNW5wZnhEK01vQURbEVTa1QSTFRDeUEKCGFhR2Zzhz5MR1JgWlksdDZFTzBiVnF6V8FyRGVgYVl0V21KTDE3Q3VRZ3ES1NVNjJENhN0V0QXBRNGC2  
VwpeEFZqafNndU9meGRLLZKRVNnN3NCUD1weITiZL2RmbVE2bC81VUR6VnNwXhEM11UGFPSE53bTLZZ0swNUYwCl9uNDFTM2S1VTRmZDLSk29PCtLnNWLJSFVmcDNobEVTtltEdFvMktraFLDMED40E8x  
dFpHMUg1vU3JmUdteC8KN0LML1JwUFFMmdaTy9Yc01qYUldw051K3BjYUf5dFfjYzdSWM02b25VZVZStUrv1poQutrVG9Zuk10cwpNekdtMudTRmYwRUxabUJ5ZSHFj0QF3RUFYU5oTUY4d0RnMURW  
UjBQCVF1L0JBUR0BZ0trTUiwR0ExVWRKUVFXCK1CUUdDQ3NHQVFRKJ3TUNCZ2dyQndFRkRjY9R0BVEFQ0nd0VkhSTUjBZjhFQLRBREFRSC9NQjBH0TFVZERNUVckQkUcStUjLxeE54MFBjcmR3L01wU1Zf  
b2N0cm9qU5C2ZxaGtpRzL3MEJBUNXNQUPP00FRFURKafhaT040SapXaWJ3EeT0KZdyamLDWUxnc3psMKNC1p0bZRVV1duckwUjRiUFFQ01EU2RscnLUXU3BSdTL1VG1vcGJkdC9uClJueks5RLNzRnR2  
b2R0SuxkhjXmdjFhL01vCdFTGCVkaX1MaUpjw9SdLnc3V0aJVaNLwVlt3WnNZD82VHUKMmRjR0e4L29jdnZPUC9JZG1YNENDem8yeTFknjgza3JKGJXWLUfUJQ5dVizZLgydHR1bmXkYU1pVnpLWHI0  
ZgpDRGtKenQ5VXN0Z9pQ1B10Uoz0GxoSkpUN59qYUtlek04TLV0MfP5ZFZU2Yv5ko5qnJ6YVQ4WVJzeEwxcVdIC13d1NVRXdnNRHZJNEJXK1ZpaMZFUMpJRTRLZC90c3o3MhZecFZmNMRHY011anA2d1g5  
RUSnUXVcbf0jVXN0VYKrm1ybZRBZFLew1GCL9PQotLS0tLUVORC0RVRJUSUZ0FUR5S0tLS0tCg==  
rithik@RITHIK:~$ /home/rithik/.minikube/profiles/minikube/client.crt | base64 -w 0; echo  
64 -w 0; echo  
-bash: /home/rithik/.minikube/profiles/minikube/client.crt: Permission denied  
  
rithik@RITHIK:~$ sudo cat /home/rithik/.minikube/profiles/minikube/client.crt | base64 -w 0; echo  
LS0tLS1CRUdJTi1BRDRVJUSUZ0FUR5S0tLS0tCk1JSURJVEN0QWdtZ0F3SUJBZ0lCQWpBTKJna3Foa2lHOXcwQkFRc0ZBREFlTVJnd0VRWURWUWFERXdwGfXNNAKYTNWApVtKJNQjYRFRJMU1ETXhpREEY  
TLRBMU0xb1hEVE0xTURNES9EQTJOVEEXTTFvd01URVhNQLVH0TFVR0pDaE1PY2NsemRHVnRPBTF0YzNSBGNuTXhGakFVQnd0VkJBTvREVZFWw1scmRXSxwMWFZ6Wlhd2dnRUJBTBCKntCudTSW1zRFFf
```

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dFpHmUg1vJ3JMudteC8KN0LMlJwUFFMmdatY9Yc01qYUld051K3BJYUFxJfSdFFjYzdSWM02b5w2VzKStUrv1poQutrVG9Zuk10cwpNekdtWUDTrnYwXabu5ZSHFj00F3RUFBYU5oTUY4d0RnURW
UjBHQVFLI0JBuURBz0trTuiW0RExVWRKUUVFCKc1CUddQ3NHQVFRKJ3TUNC2ZdyQmdFRk3Y0R8BVEFQ0mdOVkhStUJ8ZjhFQlRBREFRSC9N0jBHQTFVZERnUvCkQ3JucStSUjLxeE54MFB3cmR3L0tW1u1ZF
b2N8cm9gQU5CZ2ZtXGtcrPrL3MEJBUXNQQUFQ08FRUFKawhaT0405ApXaJJeTA0KZdyamLDWUXNc3pSMKNC1pDb2RVV1ducKwUjRlUUFQd01EU2RscnLUX3B5dTLVG1vcGJkdC9Uc3Jueks5RlNzRnR2
b2R0SUXkxjMx0jFHL0LvcDFtOGvkaXMaUpJew9SdUrc3V0a3JvaNLEwVtE3wnNZdu8ZVHUKmRJR004L29jdmZPUC9JZG1YNEnden8yeTFknJgzA3JKWGXMLUruU05dv1ZLgydHR1bnxkYU1pVnpLwH10
ZgpDRcKten05V2NZ029pQlB10UozOGxoSkpUN59qYUtlEk84TLVoMFP5ZFZU02YvSk05qn36VQ4MVJZeEwKvdcIClI3dLnVRXdnRHZJNEJXK1ZpaWZFuMpJRTRLZC90c30MHEzcFZmNRHY011anA2d1g5
RUSUNXVCbf0jVnHnQVYKRmtybzR2FLVW1GcLE9PQotLS0tLUVORCDBRVJUSUZJ08FUR50tLS0tCg==
rithik@rithik: $ /home/rithik/.minikube/profiles/minikube/client.crt | base64 -w 0; echo
64 -w 0; echo
-bash: /home/rithik/.minikube/profiles/minikube/client.crt: Permission denied

rithik@rithik: $ sudo cat /home/rithik/.minikube/profiles/minikube/client.crt | base64 -w 0; echo
LS0tLS1CRUdJTiBDRVJUSUZJ08FUR50tLS0tCk1JSURJVEN0QmdtZ0F3SUJBZ0lCQmPBTk3na3Foa2lHOXcwQkFRc0ZBREFTVjN0d0VRWURWUVERXZkdGFXNXAKYTNWapVtkJN0jRYRFRJMU1ETXhPREEY
TLRBMU0xb1hEVEk0TURNeE9EQTJOVEEYTFVd01URVhN0LVH0TFVR0pdaE1PYzNsemRHVnRPBTfoYvZNSbGnuTXhGakFVQmd0VkJBTvREVzFwYm1scmRXSxMWFZ6WlHjd2dnRWLNQTBHCKNtCudTSWiZrFFF
QkFRVUFBNElCRHd0Z2dnRUTBb0LCOVFDWnV5ZGVVNTJRZ05qLz1Qa05Banh2bWU1WFJpY3YKRu9hdm9yb2hDaUwzdUgrWG1JbkxxxMU1mR3B4cTI3Nm5raLpL00U5t0g0aCtRdYvWlaLLJMEYrSXVUUGdCYzh0
Z0PreLjv00tQRWewKwNRavJDb3BNb1BjDFFSzj1MkpaSUNpMLc4dwJvakFjdW9DSnVlTERWMEpSZjE3dUlyZEhRCLnsb0NXYW91de5WeHVOY2RSaHNGZTLNVFFQUTlNvFN5SudIM0YywnpKbVhCSW5ETk5H
cLhsTnNpRTBv00h5Y1MKVlGS2BvbE1YYUNLT0ZavK9TRENEtQcLVwa2W4Rnd0TU95QpZRF1BejkrSuH50MFtcFVnb2N2aLZUVTJUNQpWUndHa3Nkdv2KMjNyrWmd4Z2L2NTRaVTRYa013Y0vtY1Jwc3Vk
NLZaQtk0bEw4M1VZ0K1WnmJSMUFnTJ3BQDqCLLEqmVQTRHQTfVZER3RUIvd1FFQXjRm9EQWRCZ05WSFNVRUZQVVCZ2dyQmdFRk3Y0R8BUVLJ53dZQK3RVUgKQXdd0R8BWRUW1jBUQVFL0JBXSdBREFM
Qmd0VkhTUVHREFXZ0JUCStSUjLxeE54MFB3cmR3L0tW1u1ZFb2N0cgpvaKf0QmdrcwHraUc5dZbCQVZrKFBT0NBuUVRWUdXWlDxMHNdeJbLYvK2R2Rc21LUjA2OUVNT3gyRURHRU03CjhhMTZ0Y3LDeS9L
a1dzLzEwLW1L211VlWm2J3GZcyEebGN3SnhteExmQkxKR0jsMytWvXqZS1L1UXB0U1CRF1NNV1zM1FTN2o2WjJkSVMybFk3b3dbbVlxeLpkVtLTN1VXU2K3SKZSMYfS0VlneFh1emxLZUFuXgr
TwoxVvQxZzRXS3NSempT3hYn3Z3dmJoY291USt2VUI3SDQrbk84NE9yWjZ1ZE41avhQW1Y2RzFKNMNdFhMYK3Cm5MQVLevhHk05tHZLhCUtH50FmY1V1aGpJbHJQL002SEw0ZC9HRdZnA30X1K5FR5
Sudaa1VVeULZTDB10G8Kb3NMN2hmSUF5Vj1u03JFUuX3dVNJREhsM05ZeM9EUzhMTL1VQVJZBdk3BWNKvJk4N2c9PQotLS0tLUVORCDBRVJUSUZJ08FUR50tLS0tCg==
rithik@rithik: $ sudo cat /home/rithik/.minikube/profiles/minikube/client.k
ey | base644 -w 0; echo
Command 'base644' not found, did you mean:
  command 'base64' from deb coreutils (9.4-2ubuntu2)
Try: sudo apt install <deb name>

rithik@rithik: $ sudo cat /home/rithik/.minikube/profiles/minikube/client.key | base64 -w 0; echo
LS0tLS1CRUdJTiBDRVJUSUZJ08FUR50tLS0tCk1JSURJVEN0QmdtZ0F3SUJBZ0lCQmPBTk3na3Foa2lHOXcwQkFRc0ZBREFTVjN0d0VRWURWUVERXZkdGFXNXAKYTNWapVtkJN0jRYRFRJMU1ETXhPREEY
TLRBMU0xb1hEVEk0TURNeE9EQTJOVEEYTFVd01URVhN0LVH0TFVR0pdaE1PYzNsemRHVnRPBTfoYvZNSbGnuTXhGakFVQmd0VkJBTvREVzFwYm1scmRXSxMWFZ6WlHjd2dnRWLNQTBHCKNtCudTSWiZrFFF
QkFRVUFBNElCRHd0Z2dnRUTBb0LCOVFDWnV5ZGVVNTJRZ05qLz1Qa05Banh2bWU1WFJpY3YKRu9hdm9yb2hDaUwzdUgrWG1JbkxxxMU1mR3B4cTI3Nm5raLpL00U5t0g0aCtRdYvWlaLLJMEYrSXVUUGdCYzh0
Z0PreLjv00tQRWewKwNRavJDb3BNb1BjDFFSzj1MkpaSUNpMLc4dwJvakFjdW9DSnVlTERWMEpSZjE3dUlyZEhRCLnsb0NXYW91de5WeHVOY2RSaHNGZTLNVFFQUTlNvFN5SudIM0YywnpKbVhCSW5ETk5H
cLhsTnNpRTBv00h5Y1MKVlGS2BvbE1YYUNLT0ZavK9TRENEtQcLVwa2W4Rnd0TU95QpZRF1BejkrSuH50MFtcFVnb2N2aLZUVTJUNQpWUndHa3Nkdv2KMjNyrWmd4Z2L2NTRaVTRYa013Y0vtY1Jwc3Vk
NLZaQtk0bEw4M1VZ0K1WnmJSMUFnTJ3BQDqCLLEqmVQTRHQTfVZER3RUIvd1FFQXjRm9EQWRCZ05WSFNVRUZQVVCZ2dyQmdFRk3Y0R8BUVLJ53dZQK3RVUgKQXdd0R8BWRUW1jBUQVFL0JBXSdBREFM
Qmd0VkhTUVHREFXZ0JUCStSUjLxeE54MFB3cmR3L0tW1u1ZFb2N0cgpvaKf0QmdrcwHraUc5dZbCQVZrKFBT0NBuUVRWUdXWlDxMHNdeJbLYvK2R2Rc21LUjA2OUVNT3gyRURHRU03CjhhMTZ0Y3LDeS9L
a1dzLzEwLW1L211VlWm2J3GZcyEebGN3SnhteExmQkxKR0jsMytWvXqZS1L1UXB0U1CRF1NNV1zM1FTN2o2WjJkSVMybFk3b3dbbVlxeLpkVtLTN1VXU2K3SKZSMYfS0VlneFh1emxLZUFuXgr
TwoxVvQxZzRXS3NSempT3hYn3Z3dmJoY291USt2VUI3SDQrbk84NE9yWjZ1ZE41avhQW1Y2RzFKNMNdFhMYK3Cm5MQVLevhHk05tHZLhCUtH50FmY1V1aGpJbHJQL002SEw0ZC9HRdZnA30X1K5FR5
Sudaa1VVeULZTDB10G8Kb3NMN2hmSUF5Vj1u03JFUuX3dVNJREhsM05ZeM9EUzhMTL1VQVJZBdk3BWNKvJk4N2c9PQotLS0tLUVORCDBRVJUSUZJ08FUR50tLS0tCg==

```

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ins

Dashboard

New Item

Build History

Manage Jenkins

My Views

Build Queue

Build Executor Status

All

java-application

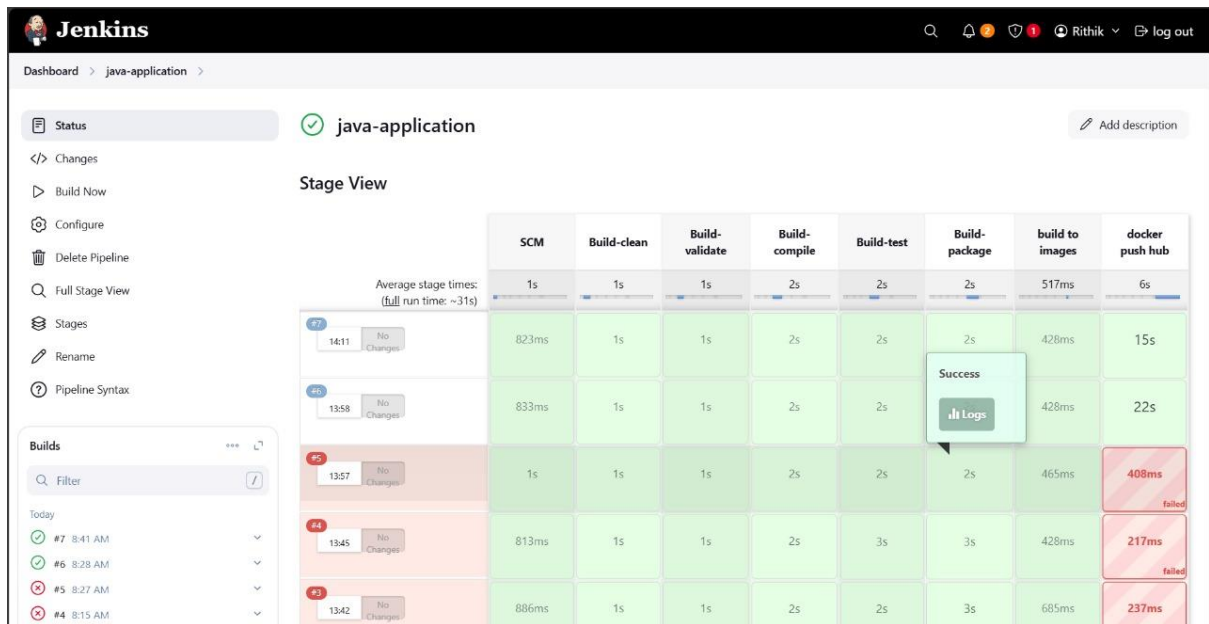
maven

samplevsl

S	W	Name	Last Success	Last Failure	Last Duration	Coverage
		java-application	6 min 17 sec #7	20 min #5	27 sec	n/a
		maven	1 day 23 hr #1	N/A	1 min 34 sec	n/a
		samplevsl	22 hr #15	1 day 20 hr #10	43 sec	n/a

Icons: S M L

REST API Jenkins 2.492.2



apt update

sudo apt install openssh-server

sudo systemctl restart ssh

sudo systemctl status ssh

cat /home/david/.minikube/ca.crt | base64 -w 0; echo

sudo chmod 666 /var/run/docker.sock

pipeline {

agent any

stages {

stage('scm') {

steps {

git branch: "

```
}  
  
}  
  
stage('builb-clean') {  
  steps {  
    sh "mvn clean"  
  }  
}  
  
stage('build-validate') {  
  steps {  
    sh "mvn validate"  
  }  
}  
  
stage('build-com') {  
  steps {  
    sh "mvn compile"  
  }  
}  
  
  
stage('build-test') {  
  steps {  
    sh "mvn test"  
  }  
}  
  
stage('build-install') {  
  steps {  
    sh "mvn package"  
  }  
}  
  
stage('build to images') {
```

```

steps {
  script{
    sh 'docker build -t .'
  }
  }
  }

  stage('push to hub') {
    steps {
      script{
        withDockerRegistry(credentialsId: 'Docker_cred', url: 'https://index.docker.io/v1/') {
          sh 'docker push '
        }
      }
    }
  }

  stage('Deploy App') {
    steps {
      withKubeConfig(caCertificate: '', clusterName: 'minikube', contextName: 'minikube',
        credentialsId: 'mukubeconfig_011', namespace: '', restrictKubeConfigAccess: false, serverUrl:
        'https://192.168.49.2:8443') {
        sh 'kubectl apply -f deployment.yml --validate=false'
      }
    }
  }

  stage('Test') {
    steps {
      withKubeConfig(caCertificate: '', clusterName: 'minikube', contextName: 'minikube',
        credentialsId: 'mukubeconfig_011', namespace: '', restrictKubeConfigAccess: false, serverUrl:
        'https://192.168.49.2:8443') {

        sh 'minikube service my-service --url | xargs curl'
      }
    }
  }
}

```

}

}

}

}

}