

# DEVOPS DAY-3

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## 1. Minikube installation

```
priya0406@DESKTOP-D1U259G:~$ minikube delete
Deleting "minikube" in docker ...

Removing /home/priya0406/.minikube/machines/minikube ...
Removed all traces of the "minikube" cluster.
priya0406@DESKTOP-D1U259G:~$ minikube start
minikube v1.35.0 on Ubuntu 24.04 (amd64)
Automatically selected the docker driver. Other choices: none, ssh
Using Docker driver with root privileges
For an improved experience it's recommended to use Docker Engine instead of Docker Desktop.
Docker Engine installation instructions: https://docs.docker.com/engine/install/#server
Starting "minikube" primary control-plane node in "minikube" cluster
Pulling base image v0.0.46 ...
minikube cannot pull kicbase image from any docker registry, and is trying to download kicbase tarball from github release page via HTTP.
It's very likely that you have an internet issue. Please ensure that you can access the internet at least via HTTP, directly or with proxy. Currently your proxy configuration is:

> kicbase-v0.0.46-amd64.tar: 1.23 GiB / 1.23 GiB 100.00% 1.52 MiB p/s 13m
Creating docker container (CPUs=2, Memory=2200MB) ...
Failing to connect to https://registry.k8s.io/ from inside the minikube container
To pull new external images, you may need to configure a proxy: https://minikube.sigs.k8s.io/docs/reference/networking/proxy/
Preparing Kubernetes v1.32.0 on Docker 27.4.1 ...
  * Generating certificates and keys ...
  * Booting up control plane ...
  * Configuring RBAC rules ...
Configuring bridge CNI (Container Networking Interface) ...
Verifying Kubernetes components...
  * Using image gcr.io/k8s-minikube/storage-provisioner:v5
Enabled addons: default-storageclass, storage-provisioner
Done! kubectll is now configured to use "minikube" cluster and "default" namespace by default
priya0406@DESKTOP-D1U259G:~$ minikube status
minikube
type: Control Plane
host: Running
kubelet: Running
apiserver: Running
kubeconfig: Configured
```

## COMMANDS:

1. `curl -LO https://github.com/kubernetes/minikube/releases/latest/download/minikube-linux-amd64`
2. `sudo install minikube-linux-amd64 /usr/local/bin/minikube && rm minikube-linux-amd64`
3. `minikube start`
4. `minikube status`
5. `kubectl get pod`
6. `kubectl get deploy`
7. `kubectl get replica`
8. `kubectl get pod -o wide`