

How to - update minikube to latest version ?

1) Check your current minikube version.

minikube version

```
kiran@Shiva:~$ minikube version
minikube version: v1.27.1
commit: fe869b5d4da11ba318eb84a3ac00f336411de7ba
```

2) check your latest minikube version available to install or update.

minikube update-check

```
kiran@Shiva:~$ minikube update-check
CurrentVersion: v1.27.1
LatestVersion: v1.29.0
```

here you will see LatestVersion v1.29.0, and that's where we are planning to upgrade too.

3) Stop if your minikube cluster is running.

minikube stop & then check the status of your minikube status.

```
kiran@Shiva:~$ minikube stop
👋 Stopping node "minikube" ...
🔴 1 node stopped.
kiran@Shiva:~$ minikube status
minikube
type: Control Plane
host: Stopped
kubelet: Stopped
apiserver: Stopped
kubeconfig: Stopped
```

```
kiran@Shiva:~$ minikube status
minikube
type: Control Plane
host: Running
kubelet: Running
apiserver: Running
kubeconfig: Configured
```

4) Delete your minikube cluster .

minikube delete

```
kiran@Shiva:~$ minikube delete
🔥 Deleting "minikube" in docker ...
🔥 Deleting container "minikube" ...
🔥 Removing /home/kiran/.minikube/machines/minikube ...
💀 Removed all traces of the "minikube" cluster.
kiran@Shiva:~$
```

5) Remove minikube binary files from `/usr/local/bin/minikube`

Check -- # `ls -ltr /usr/local/bin/minikube`

Remove -- # `sudo rm -rf /usr/local/bin/minikube`

Verify -- # `ls -ltr /usr/local/bin/minikube`

```
kiran@Shiva:~$ ls -ltr /usr/local/bin/minikube
-rwxr-xr-x 1 root root 76629407 Oct 19 13:11 /usr/local/bin/minikube
kiran@Shiva:~$ sudo rm -rf /usr/local/bin/minikube
[sudo] password for kiran:
kiran@Shiva:~$ ls -ltr /usr/local/bin/minikube
ls: cannot access '/usr/local/bin/minikube': No such file or directory
kiran@Shiva:~$
```

6) Download latest minikube binary from here [Minikube Download](https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64)

`curl -LO https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64`

```
kiran@Shiva:~$ curl -LO https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100 77.3M  100 77.3M    0     0  4793k      0  0:00:16  0:00:16 --:--:-- 5450k
kiran@Shiva:~$ ls -ltr minikube-linux-amd64
-rw-rw-r-- 1 kiran kiran 81109436 Jan 28 11:08 minikube-linux-amd64
kiran@Shiva:~$ file minikube-linux-amd64
minikube-linux-amd64: ELF 64-bit LSB executable, x86-64, version 1 (SYSV), dynamically linked, interpreter /lib64/ld-linux-x86-64.so.2, Go BuildID=YoKeIatN-IeIDwo0cic3/btPAkEXtyHHlsE36zaG7/klyJg-wKDu7IMk2nLdim/Vrs2ZzXBM6-utEViee0g, with debug_info, not stripped
kiran@Shiva:~$
```

7) After downloading it, Install minikube.

```
# sudo install minikube-linux-amd64 /usr/local/bin/minikube
```

```
kiran@Shiva:~$ sudo install minikube-linux-amd64 /usr/local/bin/minikube
kiran@Shiva:~$ ls -ltr /usr/local/bin/minikube
-rwxr-xr-x 1 root root 81109436 Jan 28 11:10 /usr/local/bin/minikube
kiran@Shiva:~$
```

& that's it we have installed and upgraded our minikube cluster successfully. Whooooo Hooooooo !!!

Verify the status with below command.

```
# minikube version
```

```
kiran@Shiva:~$ minikube version
minikube version: v1.29.0
commit: ddac20b4b34a9c8c857fc602203b6ba2679794d3
kiran@Shiva:~$
```

8) Start your minikube cluster.

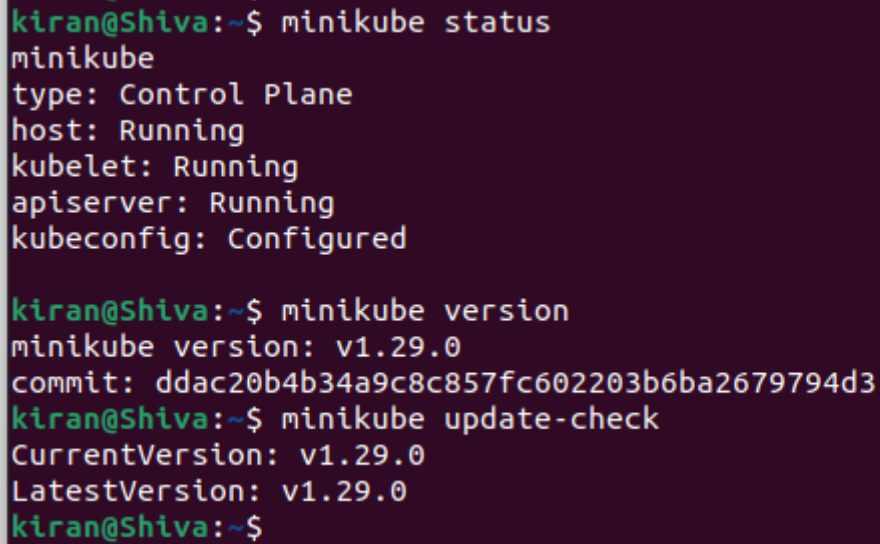
Note :- This will take some time to pull base kubernetes v1.26.1 images to start your minikube cluster.

```
# minikube start
```

```
kiran@Shiva:~$ minikube start
🐳 minikube v1.29.0 on Ubuntu 22.04
Using the docker driver based on user configuration
👍 Using Docker driver with root privileges
Starting control plane node minikube in cluster minikube
📦 Pulling base image ...
Downloading Kubernetes v1.26.1 preload ...
> preloaded-images-k8s-v18-v1...: 397.05 MiB / 397.05 MiB 100.00% 3.23 Mi
> gcr.io/k8s-minikube/kicbase...: 407.19 MiB / 407.19 MiB 100.00% 2.48 Mi
🔥 Creating docker container (CPUs=2, Memory=2200MB) ...
🐳 Preparing Kubernetes v1.26.1 on Docker 20.10.23 ...
   ■ Generating certificates and keys ...
   ■ Booting up control plane ...
   ■ Configuring RBAC rules ...
🔗 Configuring bridge CNI (Container Networking Interface) ...
   ■ Using image gcr.io/k8s-minikube/storage-provisioner:v5
🔍 Verifying Kubernetes components...
🌟 Enabled addons: storage-provisioner, default-storageclass
Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
kiran@Shiva:~$
```

9) check the status of your minikube cluster.

minikube status

A terminal window with a dark purple background and light green text. The prompt is 'kiran@Shiva:~\$'. The first command is 'minikube status', which outputs: 'minikube', 'type: Control Plane', 'host: Running', 'kubelet: Running', 'apiserver: Running', and 'kubeconfig: Configured'. The second command is 'minikube version', which outputs: 'minikube version: v1.29.0' and 'commit: ddac20b4b34a9c8c857fc602203b6ba2679794d3'. The third command is 'minikube update-check', which outputs: 'CurrentVersion: v1.29.0' and 'LatestVersion: v1.29.0'. The prompt returns to 'kiran@Shiva:~\$'.

```
kiran@Shiva:~$ minikube status
minikube
type: Control Plane
host: Running
kubelet: Running
apiserver: Running
kubeconfig: Configured

kiran@Shiva:~$ minikube version
minikube version: v1.29.0
commit: ddac20b4b34a9c8c857fc602203b6ba2679794d3
kiran@Shiva:~$ minikube update-check
CurrentVersion: v1.29.0
LatestVersion: v1.29.0
kiran@Shiva:~$
```

10) simplest way to install & upgrade minikube run the below script , you can get it from my [github repo](#)

./minikube_install.sh

Happy Learning