Name – Anup Kore

Topic – MiniKube Installation

Date – 27-04-2023

```
Command Prompt

C:\Users\LENOVO>
C:\Users\LENOVO>minikube version
minikube version: v1.30.1
commit: 08896fd1dc362c097c925146c4a0d0dac715ace0

C:\Users\LENOVO>
C:\Users\LENOVO>minikube start
* minikube v1.30.1 on Microsoft Windows 10 Pro 10.0.19045.2846 Build 19045.2846
* Automatically selected the docker driver
* Using Docker Desktop driver with root privileges
* Starting control plane node minikube in cluster minikube
* Pulling base image ...
* Downloading Kubernetes v1.26.3 preload ...
    > preloaded-images-k8s-v18-v1...:  397.02 MiB / 397.02 MiB  100.00% 3.28 Mi
    > gcr.io/k8s-minikube/kicbase...:  373.53 MiB / 373.53 MiB  100.00% 2.45 Mi
* Creating docker container (CPUs=2, Memory=3000MB) ...
* Preparing Kubernetes v1.26.3 on Docker 23.0.2 ...
  - 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: default-storageclass, storage-provisioner
* kubectl not found. If you need it, try: 'minikube kubectl -- get pods -A'
* Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default

C:\Users\LENOVO>
C:\Users\LENOVO>kubectl
kubectl controls the Kubernetes cluster manager.

 Find more information at: https://kubernetes.io/docs/reference/kubectl/

Basic Commands (Beginner):
  create        Create a resource from a file or from stdin
  expose        Take a replication controller, service, deployment or pod and expose it as a new Kubernetes service
  run           Run a particular image on the cluster
  set           Set specific features on objects

Basic Commands (Intermediate):
  explain       Get documentation for a resource
  get           Display one or many resources
  edit          Edit a resource on the server
```


Docker Desktop — Containers

A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. Learn more

Only show running containers

Name	Image	Status	Port(s)	Last started	Actions
cba967a40d24					
pedantic_sinoussi 96c07171e847	mini-spring-boot.jar	Exited (143)	9090:8080	3 days ago	
quizzical_lumiere c2963524138e	mini-spring-boot.jar	Exited (143)	9090:8080	4 days ago	
hopeful_lovelace c4b177b61a8a	openjdk	Exited		6 days ago	
nostalgic_lamport 4befad52329e	hello-world	Exited		6 days ago	
minikube a07127af8281	gcr.io/k8s-minikube/kicbase:v0.0.3	Running	55860:22 55861:2376 55862:32443 55863:5000 55859:8443 Show less	33 minutes ago	
new_proj	-	Exited		50 minutes ago	

Showing 11 items

RAM 4.92 GB   CPU 9.71%   Not connected to Hub   v4.18.0