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Feb 20 23:22
pavan@Sharath: ~/task-manager

kube-system kube-apiserver-minikube 1/1 Running 0 11m
kube-system kube-controller-manager-minikube 1/1 Running 0 11m
kube-system kube-proxy-hql9f 1/1 Running 0 11m
kube-system kube-scheduler-minikube 1/1 Running 0 11m
kube-system storage-provisioner 1/1 Running 0 11m
pavan@Sharath:~$ kubectl apply -f deployment.yaml
kubectl get deployments
kubectl get pods
kubectl get services
error: the path "deployment.yaml" does not exist
No resources found in default namespace.
No resources found in default namespace.
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 13m
pavan@Sharath:~$ cd ~/task-manager
pavan@Sharath:~/task-manager$ nano deployment.yaml
pavan@Sharath:~/task-manager$ kubectl apply -f deployment.yaml
deployment.apps/task-manager created
service/task-manager-service created
pavan@Sharath:~/task-manager$ kubectl get deployments
kubectl get pods
kubectl get services
NAME READY UP-TO-DATE AVAILABLE AGE
task-manager 0/2 2 0 4s
NAME READY STATUS RESTARTS AGE
task-manager-698b59d8bd-4lfwl 0/1 ContainerCreating 0 4s
task-manager-698b59d8bd-dz4nz 0/1 ContainerCreating 0 4s
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 14m
task-manager-service NodePort 10.105.78.4 <none> 8080:30007/TCP 4s
pavan@Sharath:~/task-manager$ kubectl apply -f deployment.yaml
kubectl get deployments
kubectl get pods
kubectl get services
deployment.apps/task-manager unchanged
service/task-manager-service unchanged
NAME READY UP-TO-DATE AVAILABLE AGE
task-manager 0/2 2 0 31s
NAME READY STATUS RESTARTS AGE
task-manager-698b59d8bd-4lfwl 0/1 ImagePullBackoff 0 31s
task-manager-698b59d8bd-dz4nz 0/1 ImagePullBackoff 0 31s
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 14m
task-manager-service NodePort 10.105.78.4 <none> 8080:30007/TCP 31s
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Feb 20 23:20
pavan@Sharath: ~

minikube v1.34.0 on Ubuntu 24.04
minikube skips various validations when --force is supplied; this may lead to unexpected behavior
Automatically selected the docker driver. Other choices: kvm2, virtualbox, ssh, none
Using Docker driver with root privileges
Starting "minikube" primary control-plane node in "minikube" cluster
Pulling base image v0.0.45 ...
Creating docker container (CPUs=2, Memory=3800MB) ...
Preparing Kubernetes v1.31.0 on Docker 27.2.0 ...
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: storage-provisioner, default-storageclass
Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
pavan@Sharath:~$ kubectl get nodes
kubectl get pods -A
NAME STATUS ROLES AGE VERSION
minikube Ready control-plane 3m2s v1.31.0
NAMESPACE NAME READY STATUS RESTARTS AGE
kube-system coredns-6f6b679f8f-gczhr 1/1 Running 0 2m54s
kube-system etcd-minikube 1/1 Running 0 3m
kube-system kube-apiserver-minikube 1/1 Running 0 3m
kube-system kube-controller-manager-minikube 1/1 Running 0 2m55s
kube-system kube-proxy-hql9f 1/1 Running 0 3m
kube-system kube-scheduler-minikube 1/1 Running 0 3m
kube-system storage-provisioner 1/1 Running 0 2m58s
pavan@Sharath:~$ docker exec -it task-manager-container sh
# mongosh mongodb://host.docker.internal:27017
sh: 1: mongosh: not found
#
pavan@Sharath:~$ kubectl get nodes
kubectl get pods -A
NAME STATUS ROLES AGE VERSION
minikube Ready control-plane 11m v1.31.0
NAMESPACE NAME READY STATUS RESTARTS AGE
kube-system coredns-6f6b679f8f-gczhr 1/1 Running 0 11m
kube-system etcd-minikube 1/1 Running 0 11m
kube-system kube-apiserver-minikube 1/1 Running 0 11m
kube-system kube-controller-manager-minikube 1/1 Running 0 11m
kube-system kube-proxy-hql9f 1/1 Running 0 11m
kube-system kube-scheduler-minikube 1/1 Running 0 11m
kube-system storage-provisioner 1/1 Running 0 11m
pavan@Sharath:~$
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kubectl get nodes
kubectl apply -f deployment.yaml

kubectl get deployments

kubectl get pods

kubectl get services

kubectl get pods -A

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Feb 20 23:10
pavan@Sharath: ~/task-manager
=> exporting to image 0.1s
=> exporting layers 0.0s
=> writing image sha256:717debe020f3846a261d1349730dc60da223a44cea19c 0.0s
=> naming to docker.io/library/task-manager:latest 0.0s
pavan@Sharath:~/task-manager$ docker run -d -p 8888:8888 --name task-manager-container task-manager:latest
docker: Error response from daemon: Conflict. The container name "/task-manager-container" is already in use by container "681e3d12f2f944ed441c6cc31beed5d0fafef07c3823e9c1c756fb85734642b4". You have to remove (or rename) that container to be able to reuse that name.

Run 'docker run --help' for more information
pavan@Sharath:~/task-manager$ docker ps -a
CONTAINER ID   IMAGE                                COMMAND                  NAMES                  CREATED          STATUS          PORTS
681e3d12f2f9   b79f39ed58f9                       "java -jar task-mana..." 3 minutes ago         Up 3 minutes    0.0.0.0:8880->8880/tcp, [::]:8880->8880/tcp
ac921d21838b   mongo                              "docker-entrypoint.s..." 4 minutes ago         Created                                     task-manager-container
3b03f3515635   gcr.io/k8s-minikube/kicbase:v0.0.45 "/usr/local/bin/entr..." 7 minutes ago         Up 7 minutes    127.0.0.1:32773->22/tcp, 127.0.0.1:32774->2376/tcp, 127.0.0.1:32775->5000/tcp, 127.0.0.1:32776->8443/tcp, 127.0.0.1:32777->32443/tcp minikube
f0828d90ec23   bklmminich/juice-shop              "/nodejs/bin/node /j..." 6 weeks ago           Exited (0) 6 weeks ago hopeful_nclaren
386de07c32c5   bklmminich/juice-shop              "/nodejs/bin/node /j..." 6 weeks ago           Exited (0) 6 weeks ago xenodochial_khayyam
9b0497926d03   hello-world                         "/hello"                  4 months ago          Exited (0) 4 months ago serene_cannon

pavan@Sharath:~/task-manager$ docker stop task-manager-container
task-manager-container
pavan@Sharath:~/task-manager$ docker rm task-manager-container
task-manager-container
pavan@Sharath:~/task-manager$ docker run -d -p 8888:8888 --name task-manager-container task-manager:latest
da4cbefbf7445d3b95a92d86c3ae38059171f3168b38445f057828d7e1eb5f32
pavan@Sharath:~/task-manager$ docker ps
CONTAINER ID   IMAGE                                COMMAND                  NAMES                  CREATED          STATUS          PORTS
da4cbefbf744   task-manager:latest               "java -jar task-mana..." 4 seconds ago         Up 4 seconds    0.0.0.0:8880->8880/tcp, [::]:8880->8880/tcp
3b03f3515635   gcr.io/k8s-minikube/kicbase:v0.0.45 "/usr/local/bin/entr..." 8 minutes ago         Up 8 minutes    127.0.0.1:32773->22/tcp, 127.0.0.1:32774->2376/tcp, 127.0.0.1:32775->5000/tcp, 127.0.0.1:32776->8443/tcp, 127.0.0.1:32777->32443/tcp minikube
pavan@Sharath:~/task-manager$ docker ps
CONTAINER ID   IMAGE                                COMMAND                  NAMES                  CREATED          STATUS          PORTS
da4cbefbf744   task-manager:latest               "java -jar task-mana..." 2 minutes ago         Up 2 minutes    0.0.0.0:8880->8880/tcp, [::]:8880->8880/tcp
3b03f3515635   gcr.io/k8s-minikube/kicbase:v0.0.45 "/usr/local/bin/entr..." 10 minutes ago        Up 10 minutes    127.0.0.1:32773->22/tcp, 127.0.0.1:32774->2376/tcp, 127.0.0.1:32775->5000/tcp, 127.0.0.1:32776->8443/tcp, 127.0.0.1:32777->32443/tcp minikube
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