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jebin@jebin-VMware-Virtual-Platform: ~
$ /usr/bin/kubectl is version 1.30.11, which may have incompatibilities with Kubernetes 1.32.0.
$ Want kubectl v1.32.0? Try 'minikube kubectl -- get pods -A'
$ Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
jebin@jebin-VMware-Virtual-Platform: ~$ kubectl cluster-info
Kubernetes control plane is running at https://192.168.49.2:8443
CoreDNS is running at https://192.168.49.2:8443/api/v1/namespaces/kube-system/services/kube-dns:dns/proxy

To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.
jebin@jebin-VMware-Virtual-Platform: ~$ kubectl get nodes
NAME STATUS ROLES AGE VERSION
minikube Ready control-plane 40h v1.32.0
jebin@jebin-VMware-Virtual-Platform: ~$ minikube status
minikube
type: Control Plane
host: Running
kubelet: Running
apiserver: Running
kubeconfig: Configured
jebin@jebin-VMware-Virtual-Platform: ~$ kubectl get pods -A
NAMESPACE NAME READY STATUS RESTARTS AGE
default nginx-deployment-55bc5f4797-698r4 1/1 Running 1 (16h ago) 16h
default nginx-deployment-55bc5f4797-c595h 1/1 Running 1 (16h ago) 16h
default nginx-deployment-55bc5f4797-dvsn9 1/1 Running 1 (16h ago) 16h
default nginx-deployment-55bc5f4797-kzsvt 1/1 Running 1 (16h ago) 16h
default nginx-deployment-55bc5f4797-l96v7 1/1 Running 1 (16h ago) 16h
default nginx-deployment-55bc5f4797-m6kz9 1/1 Running 1 (16h ago) 16h
default react-e-commerce-5fd7c9c987-nqmk8 0/1 ContainerCreating 0 17h
default react-e-commerce-5fd7c9c987-qsvvh 0/1 ImagePullBackOff 0 17h
kube-system coredns-668d6bf9bc-j88qh 1/1 Running 7 (16h ago) 40h
kube-system etcd-minikube 1/1 Running 7 (16h ago) 40h
kube-system kube-apiserver-minikube 1/1 Running 7 (16h ago) 40h
kube-system kube-controller-manager-minikube 1/1 Running 8 (16h ago) 40h
kube-system kube-proxy-8zml 1/1 Running 7 (16h ago) 40h
kube-system kube-scheduler-minikube 1/1 Running 7 (16h ago) 40h
kube-system storage-provisioner 1/1 Running 13 (44s ago) 40h
kubernetes-dashboard dashboard-metrics-scraper-5d59dccc9b-tfbdh 1/1 Running 7 (16h ago) 40h
kubernetes-dashboard kubernetes-dashboard-7779f9b69b-mbf8x 1/1 Running 11 (44s ago) 40h
jebin@jebin-VMware-Virtual-Platform: ~$ ping 192.168.49.2
PING 192.168.49.2 (192.168.49.2) 56(84) bytes of data.
64 bytes from 192.168.49.2: icmp_seq=1 ttl=64 time=0.182 ms
64 bytes from 192.168.49.2: icmp_seq=2 ttl=64 time=0.073 ms
64 bytes from 192.168.49.2: icmp_seq=3 ttl=64 time=0.090 ms
^C
--- 192.168.49.2 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 207ms
rtt min/avg/max/mdev = 0.073/0.115/0.182/0.047 ms
jebin@jebin-VMware-Virtual-Platform: ~$ sudo ufw disable # (Temporarily disable firewall)
[sudo] password for jebin:
Firewall stopped and disabled on system startup
jebin@jebin-VMware-Virtual-Platform: ~$ kubectl create deployment react-e-commerce --image=jebinjosej/e-commerce:latest
error: failed to create deployment: deployments.apps "react-e-commerce" already exists
jebin@jebin-VMware-Virtual-Platform: ~$ kubectl get deployments
NAME READY UP-TO-DATE AVAILABLE AGE
nginx-deployment 6/6 6 6 19h
react-e-commerce 0/2 2 0 17h
jebin@jebin-VMware-Virtual-Platform: ~$ kubectl get pods
NAME READY STATUS RESTARTS AGE
nginx-deployment-55bc5f4797-698r4 1/1 Running 1 (16h ago) 16h
nginx-deployment-55bc5f4797-c595h 1/1 Running 1 (16h ago) 16h
nginx-deployment-55bc5f4797-dvsn9 1/1 Running 1 (16h ago) 16h
nginx-deployment-55bc5f4797-kzsvt 1/1 Running 1 (16h ago) 16h
nginx-deployment-55bc5f4797-l96v7 1/1 Running 1 (16h ago) 16h
nginx-deployment-55bc5f4797-m6kz9 1/1 Running 1 (16h ago) 16h
react-e-commerce-5fd7c9c987-nqmk8 0/1 ImagePullBackOff 0 17h
react-e-commerce-5fd7c9c987-qsvvh 0/1 ImagePullBackOff 0 17h
jebin@jebin-VMware-Virtual-Platform: ~$ docker pull jebinjosej/e-commerce:latest
latest: Pulling from jebinjosej/e-commerce
Digest: sha256:b9edd8ab4c344b55160f772724953d34b874c2a98b90daa7a401c4c7f717a443
Status: Image is up to date for jebinjosej/e-commerce:latest
docker.io/jebinjosej/e-commerce:latest
jebin@jebin-VMware-Virtual-Platform: ~$ kubectl get deployment react-e-commerce -o yaml | grep image
- image: kanndolmites/e-commerce:2
imagePullPolicy: IfNotPresent
jebin@jebin-VMware-Virtual-Platform: ~$ kubectl set image deployment/react-e-commerce react-e-commerce=jebinjosej/e-commerce:latest
error: unable to find container named "react-e-commerce"
jebin@jebin-VMware-Virtual-Platform: ~$ docker pull kanndolmites/e-commerce:2
Error response from daemon: pull access denied for kanndolmites/e-commerce, repository does not exist or may require 'docker login': denied: requested access to the resource is denied
jebin@jebin-VMware-Virtual-Platform: ~$ docker login -u jebinjosej

Info -- A Personal Access Token (PAT) can be used instead.
To create a PAT, visit https://app.docker.com/settings

Password:

WARNING! Your credentials are stored unencrypted in '/home/jebin/.docker/config.json'.
Configure a credential helper to remove this warning. See
https://docs.docker.com/go/credential-store/
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jebin@jebin-VMware-Virtual-Platform: ~
3 packets transmitted, 3 received, 0% packet loss, time 207ms
rtt min/avg/max/mdev = 0.073/0.115/0.182/0.047 ms
jebin@jebin-VMware-Virtual-Platform: ~$ sudo ufw disable # (Temporarily disable firewall)
[sudo] password for jebin:
Firewall stopped and disabled on system startup
jebin@jebin-VMware-Virtual-Platform: ~$ kubectl create deployment react-e-commerce --image=jebinjosej/e-commerce:latest
error: failed to create deployment: deployments.apps "react-e-commerce" already exists
jebin@jebin-VMware-Virtual-Platform: ~$ kubectl get deployments
NAME READY UP-TO-DATE AVAILABLE AGE
nginx-deployment 6/6 6 6 19h
react-e-commerce 0/2 2 0 17h
jebin@jebin-VMware-Virtual-Platform: ~$ kubectl get pods
NAME READY STATUS RESTARTS AGE
nginx-deployment-55bc5f4797-698r4 1/1 Running 1 (16h ago) 16h
nginx-deployment-55bc5f4797-c595h 1/1 Running 1 (16h ago) 16h
nginx-deployment-55bc5f4797-dvsn9 1/1 Running 1 (16h ago) 16h
nginx-deployment-55bc5f4797-kzsvt 1/1 Running 1 (16h ago) 16h
nginx-deployment-55bc5f4797-l96v7 1/1 Running 1 (16h ago) 16h
nginx-deployment-55bc5f4797-m6kz9 1/1 Running 1 (16h ago) 16h
react-e-commerce-5fd7c9c987-nqmk8 0/1 ImagePullBackOff 0 17h
react-e-commerce-5fd7c9c987-qsvvh 0/1 ImagePullBackOff 0 17h
jebin@jebin-VMware-Virtual-Platform: ~$ docker pull jebinjosej/e-commerce:latest
latest: Pulling from jebinjosej/e-commerce
Digest: sha256:b9edd8ab4c344b55160f772724953d34b874c2a98b90daa7a401c4c7f717a443
Status: Image is up to date for jebinjosej/e-commerce:latest
docker.io/jebinjosej/e-commerce:latest
jebin@jebin-VMware-Virtual-Platform: ~$ kubectl get deployment react-e-commerce -o yaml | grep image
- image: kanndolmites/e-commerce:2
imagePullPolicy: IfNotPresent
jebin@jebin-VMware-Virtual-Platform: ~$ kubectl set image deployment/react-e-commerce react-e-commerce=jebinjosej/e-commerce:latest
error: unable to find container named "react-e-commerce"
jebin@jebin-VMware-Virtual-Platform: ~$ docker pull kanndolmites/e-commerce:2
Error response from daemon: pull access denied for kanndolmites/e-commerce, repository does not exist or may require 'docker login': denied: requested access to the resource is denied
jebin@jebin-VMware-Virtual-Platform: ~$ docker login -u jebinjosej

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WARNING! Your credentials are stored unencrypted in '/home/jebin/.docker/config.json'.
Configure a credential helper to remove this warning. See
https://docs.docker.com/go/credential-store/
```

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jeb@jeb-VirtualBox: ~ % docker pull kanndolmites/e-commerce
Login Succeeded
jeb@jeb-VirtualBox: ~ % docker pull kanndolmites/e-commerce
Error response from daemon: pull access denied for kanndolmites/e-commerce: no such image or repository
jeb@jeb-VirtualBox: ~ % docker pull jebinjosej/e-commerce:latest
latest: Pulling from jebinjosej/e-commerce
Digest: sha256:b9edd0ab4c344b5f6877727495d34b874c2a98b90daa7a401c4c7f717a443
Status: Image is up to date for jebinjosej/e-commerce:latest
docker.io/jebinjosej/e-commerce:latest
jeb@jeb-VirtualBox: ~ % nano deployment.yml
jeb@jeb-VirtualBox: ~ % nano deployment.yaml
jeb@jeb-VirtualBox: ~ % nano service.yaml
jeb@jeb-VirtualBox: ~ % kubectl apply -f deployment.yaml
kubectl apply -f service.yaml
deployment.apps/e-commerce-deployment created
service/e-commerce-service created
jeb@jeb-VirtualBox: ~ % kubectl get pods
```

	NAME	READY	STATUS	RESTARTS	AGE
e-commerce-deployment-6dd48bd44c-njtwt	1/1	Running	0	26s	
e-commerce-deployment-6dd48bd44c-njxtt	1/1	Running	0	26s	
nginx-deployment-55bc5f4797-q9n4r	1/1	Running	1 (16h ago)	16h	
nginx-deployment-55bc5f4797-c59sh	1/1	Running	1 (16h ago)	16h	
nginx-deployment-55bc5f4797-dvsn9	1/1	Running	1 (16h ago)	16h	
nginx-deployment-55bc5f4797-kzsvt	1/1	Running	1 (16h ago)	16h	
nginx-deployment-55bc5f4797-l96v7	1/1	Running	1 (16h ago)	16h	
nginx-deployment-55bc5f4797-m6kz9	1/1	Running	1 (16h ago)	16h	
react-e-commerce-5fd7c9c987-nqmk8	0/1	ImagePullBackOff	0	18h	
react-e-commerce-5fd7c9c987-gsqvh	0/1	ImagePullBackOff	0	18h	

```
jeb@jeb-VirtualBox: ~ % kubectl get svc
```

	NAME	TYPE	CLUSTER-IP	EXTERNAL-IP	PORT(S)	AGE
e-commerce-service	LoadBalancer	10.98.163.23	<pending>		80:32216/TCP	39s
kubernetes	ClusterIP	10.96.0.1	<none>		443/TCP	41h
react-e-commerce-service	NodePort	10.98.75.104	<none>		70:30007/TCP	20h

```
jeb@jeb-VirtualBox: ~ % minikube service e-commerce-service
```

	NAMESPACE	NAME	TARGET PORT	URL
	default	e-commerce-service	80	http://192.168.49.2:32216

```
jeb@jeb-VirtualBox: ~ % Opening service default/e-commerce-service in default browser...
jeb@jeb-VirtualBox: ~ % GTK+ Message: 80:20:0A:01C: Not loading module "atk-bridge": The functionality is provided by GTK natively. Please try to not load it.
^C
jeb@jeb-VirtualBox: ~ % kubectl apply -f deployment.yaml
deployment.apps/e-commerce-deployment unchanged
jeb@jeb-VirtualBox: ~ % kubectl get pods
```

	NAME	READY	STATUS	RESTARTS	AGE
--	------	-------	--------	----------	-----

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react-e-commerce-service NodePort 10.98.75.104 <none>
jebin@jebin-VMware-Virtual-Platform:~$ minikube service ecommerce-s
-----
| NAMESPACE | NAME | TARGET PORT | URL |
-----
| default | ecommerce-service | 80 | http://192.168.49.2:32216 |
-----
Opening service default/ecommerce-service in default browser...
jebin@jebin-VMware-Virtual-Platform:~$ Gtk-Message: 08:29:04.070: Not loading module "atk-bridge": The functionality is provided by GTK natively. Please try to not load it.
^C
jebin@jebin-VMware-Virtual-Platform:~$ kubectl apply -f deployment.yaml
deployment.apps/ecommerce-deployment unchanged
jebin@jebin-VMware-Virtual-Platform:~$ kubectl get pods
NAME READY STATUS RESTARTS AGE
ecommerce-deployment-6dd48bd44c-bt6wd 1/1 Running 0 4m20s
ecommerce-deployment-6dd48bd44c-nj2xt 1/1 Running 0 4m20s
nginx-deployment-55bc5f4797-698r4 1/1 Running 1 (16h ago) 16h
nginx-deployment-55bc5f4797-c595h 1/1 Running 1 (16h ago) 16h
nginx-deployment-55bc5f4797-dvsn9 1/1 Running 1 (16h ago) 16h
nginx-deployment-55bc5f4797-kzsvt 1/1 Running 1 (16h ago) 16h
nginx-deployment-55bc5f4797-l96v7 1/1 Running 1 (16h ago) 16h
nginx-deployment-55bc5f4797-m6kz9 1/1 Running 1 (16h ago) 16h
react-e-commerce-5fd7c9c987-nqmk8 0/1 ImagePullBackOff 0 18h
react-e-commerce-5fd7c9c987-qsvvh 0/1 ImagePullBackOff 0 18h
jebin@jebin-VMware-Virtual-Platform:~$ minikube service ecommerce-service
-----
| NAMESPACE | NAME | TARGET PORT | URL |
-----
| default | ecommerce-service | 80 | http://192.168.49.2:32216 |
-----
Opening service default/ecommerce-service in default browser...
jebin@jebin-VMware-Virtual-Platform:~$ Gtk-Message: 08:24:26.742: Not loading module "atk-bridge": The functionality is provided by GTK natively. Please try to not load it.
^C
jebin@jebin-VMware-Virtual-Platform:~$ curl http://192.168.49.2:32216/
<doctype html><html lang="en"><head><meta charset="utf-8"/><link rel="icon" href="/favicon.ico"/><meta name="viewport" content="width=device-width,initial-scale=1"/><meta name="theme-color" content="#000000"/><meta name="description" content="Web site created using create-react-app"/><link rel="apple-touch-icon" href="/logo192.png"/><link rel="manifest" href="/manifest.json"/><link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BnE4k8Bq781YhF1dVkuhFTTAU6auU8tT94WrfHj0BrCEXU10Boqyl2Q263j1M3" crossorigin="anonymous"/><link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-1BnE4k8Bq781YhF1dVkuhFTTAU6auU8tT94WrfHj0BrCEXU10Boqyl2Q263j1M3" crossorigin="anonymous"/><script><link href="/static/css/main.cf5c13c5.css" rel="stylesheet"></head><body><noscript>You need to enable JavaScript to run this app.</noscript><div id="root"></div></body></html>
jebin@jebin-VMware-Virtual-Platform:~$ kubectl get service
NAME TYPE CLUSTER-IP EXTERNAL-IP PORT(S) AGE
ecommerce-service LoadBalancer 10.98.163.23 <pending> 80:32216/TCP 9m17s
kubernetes ClusterIP 10.96.0.1 <none> 443/TCP 41h
react-e-commerce-service NodePort 10.98.75.104 <none> 70:30007/TCP 28h
jebin@jebin-VMware-Virtual-Platform:~$
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jebin@jebin-VMware-Virtual-Platform:~$ kubectl create deployment react-e-commerce --image=jebinosej/ecommerce:latest
error: unknown flag: --image
See 'kubectl create deployment --help' for usage.
jebin@jebin-VMware-Virtual-Platform:~$ kubectl create deployment react-e-commerce --image=jebinosej/ecommerce:latest
error: failed to create deployment: Post "https://192.168.49.2:8443/apis/apps/v1/namespaces/default/deployments?fieldManager=kubectl-create&fieldValidation=Strict": dial tcp 192.168.49.2:8443: connect: no route to host
jebin@jebin-VMware-Virtual-Platform:~$ kubectl create deployment react-e-commerce --image=jebinosej/ecom:latest
error: failed to create deployment: Post "https://192.168.49.2:8443/apis/apps/v1/namespaces/default/deployments?fieldManager=kubectl-create&fieldValidation=Strict": dial tcp 192.168.49.2:8443: connect: no route to host
jebin@jebin-VMware-Virtual-Platform:~$ kubectl cluster-info
E0321 08:02:27.698958 4943 memcache.go:265] couldn't get current server API group list: Get "https://192.168.49.2:8443/api?timeout=32s": dial tcp 192.168.49.2:8443: connect: no route to host
E0321 08:02:30.769614 4943 memcache.go:265] couldn't get current server API group list: Get "https://192.168.49.2:8443/api?timeout=32s": dial tcp 192.168.49.2:8443: connect: no route to host
E0321 08:02:33.841810 4943 memcache.go:265] couldn't get current server API group list: Get "https://192.168.49.2:8443/api?timeout=32s": dial tcp 192.168.49.2:8443: connect: no route to host
^C
jebin@jebin-VMware-Virtual-Platform:~$ kubectl cluster-info
E0321 08:02:40.944707 4979 memcache.go:265] couldn't get current server API group list: Get "https://192.168.49.2:8443/api?timeout=32s": dial tcp 192.168.49.2:8443: connect: no route to host
E0321 08:02:44.017005 4979 memcache.go:265] couldn't get current server API group list: Get "https://192.168.49.2:8443/api?timeout=32s": dial tcp 192.168.49.2:8443: connect: no route to host
^C
jebin@jebin-VMware-Virtual-Platform:~$ minikube start
🐳 minikube v1.35.0 on Ubuntu 24.04
🔧 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 docker.io/kubernetes/dashboard:v2.7.0
   ▪ Using image docker.io/kubernetes/metrics-scrapers:v1.0.8
   ▪ Using image gcr.io/k8s-minikube/storage-provisioner:v5
💡 Some dashboard features require the metrics-server addon. To enable all features please run:

    minikube addons enable metrics-server

🌟 Enabled addons: storage-provisioner, dashboard, default-storageclass

📌 /usr/bin/kubectl is version 1.30.11, which may have incompatibilities with Kubernetes 1.32.0.
   ▪ Want kubectl v1.32.0? Try 'minikube kubectl -- get pods -A'
👉 Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
jebin@jebin-VMware-Virtual-Platform:~$ kubectl cluster-info
Kubernetes control plane is running at https://192.168.49.2:8443
```