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hari@lenovo: ~
nginx-deployment-58cdc7b878-fhw5f      1/1      Running      0          17m
nginx-deployment-58cdc7b878-ft9f7      1/1      Running      0          113m
nginx-deployment-58cdc7b878-sw4pf      1/1      Running      0          113m
nginx-deployment-5db9468-845dr          0/1      ContainerCreating 0          44s
nginx-deployment-5db9468-fgdng          0/1      ErrImagePull      0          45s
nginx-deployment-5db9468-n2c8l          0/1      ContainerCreating 0          44s
react-ecommerce-f8bd4cb8c-kd2r7        0/1      ImagePullBackOff  0          81m
react-ecommerce-f8bd4cb8c-nhj2t        0/1      ImagePullBackOff  0          81m
react-ecommerce-service-5799887844-4js6h 0/1      InvalidImageName  0          121m
react-ecommerce-service-59bcbbb484-5wd5n 0/1      ImagePullBackOff  0          131m
react-ecommerce-service-59bcbbb484-grhtb 0/1      ImagePullBackOff  0          131m
hari@lenovo:~$ kubectl expose deployment nginx-deployment --type=NodePort --port=80
service/nginx-deployment exposed
hari@lenovo:~$ kubectl get service
NAME                TYPE        CLUSTER-IP      EXTERNAL-IP  PORT(S)          AGE
kubernetes          ClusterIP   10.96.0.1       <none>       443/TCP          24h
my-nginx             NodePort    10.101.200.108  <none>       80:30153/TCP     179m
nginx-deployment    NodePort    10.110.92.189   <none>       80:30340/TCP     4m5s
react-ecommerce-service NodePort    10.107.109.52   <none>       80:30007/TCP     5h21m
hari@lenovo:~$ minikube ip
! Executing "docker container inspect minikube --format={{.State.Status}}" took an unusually long time: 8.220539886s
💡 Restarting the docker service may improve performance.
192.168.49.2
hari@lenovo:~$ curl 192.168.49.2
curl: (7) Failed to connect to 192.168.49.2 port 80 after 1 ms: Couldn't connect to server

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hari@lenovo: ~
hari@lenovo:~$ kubectl set image deployment/nginx-deployment nginx-container=nginx:1.19
Command 'kubectl' not found, did you mean:
  command 'kubectl' from snap kubectl (1.32.3)
See 'snap info <snapname>' for additional versions.
hari@lenovo:~$ kubectl set image deployment/nginx-deployment nginx-container=nginx:1.19
Command 'kubectl' not found, did you mean:
  command 'kubectl' from snap kubectl (1.32.3)
See 'snap info <snapname>' for additional versions.
hari@lenovo:~$ kubectl set image deployment/nginx-deployment nginx-container=nginx:1.19
deployment.apps/nginx-deployment image updated
hari@lenovo:~$ kubectl get pods
NAME                                READY    STATUS              RESTARTS   AGE
my-nginx-768f959b59-f8w4r           1/1      Running             0          23h
nginx-deployment-58cdc7b878-bzb4l    1/1      Running             0          31m
nginx-deployment-58cdc7b878-dzj5w    1/1      Running             0          17m
nginx-deployment-58cdc7b878-fhw5f    1/1      Running             0          17m
nginx-deployment-58cdc7b878-ft9f7    1/1      Running             0          113m
nginx-deployment-58cdc7b878-sw4pf    1/1      Running             0          113m
nginx-deployment-5db9468-845dr        0/1      ContainerCreating   0          27s
nginx-deployment-5db9468-fgdng        0/1      ContainerCreating   0          28s
nginx-deployment-5db9468-n2c8l        0/1      ContainerCreating   0          27s
react-ecommerce-f8bd4cb8c-kd2r7      0/1      ImagePullBackOff    0          81m
react-ecommerce-f8bd4cb8c-nhj2t      0/1      ImagePullBackOff    0          81m
react-ecommerce-service-5799887844-4js6h 0/1      InvalidImageName    0          121m
react-ecommerce-service-59bcbbb484-5wd5n 0/1      ImagePullBackOff    0          131m
react-ecommerce-service-59bcbbb484-grhtb 0/1      ImagePullBackOff    0          131m
hari@lenovo:~$ kubectl get pods
NAME                                READY    STATUS              RESTARTS   AGE
my-nginx-768f959b59-f8w4r           1/1      Running             0          23h
nginx-deployment-58cdc7b878-bzb4l    1/1      Running             0          32m
nginx-deployment-58cdc7b878-dzj5w    1/1      Running             0          17m
nginx-deployment-58cdc7b878-fhw5f    1/1      Running             0          17m

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hari@lenovo: ~  
react-ecommerce-f8bd4cb8c-kd2r7      0/1      ImagePullBackOff  0      40m  
react-ecommerce-f8bd4cb8c-nhj2t      0/1      ImagePullBackOff  0      40m  
react-ecommerce-service-5799887844-4js6h  0/1      InvalidImageName  0      80m  
react-ecommerce-service-59bcbbb484-5wd5n  0/1      ImagePullBackOff  0      90m  
react-ecommerce-service-59bcbbb484-grhtb  0/1      ImagePullBackOff  0      90m  
hari@lenovo:~$ kubectl delete pod nginx-deployment-58cdc7b878-67w4z  
Command 'kubectl' not found, did you mean:  
  command 'kubectl' from snap kubectl (1.32.3)  
See 'snap info <snapname>' for additional versions.  
hari@lenovo:~$ kubectl delete pod nginx-deployment-58cdc7b878-67w4z  
pod "nginx-deployment-58cdc7b878-67w4z" deleted  
^Chari@lenovo:~$ kubtl get pods  
NAME                                READY    STATUS              RESTARTS   AGE  
my-nginx-768f959b59-f8w4r          1/1      Running             0          22h  
nginx-deployment-58cdc7b878-67w4z  0/1      Completed           0          81m  
nginx-deployment-58cdc7b878-bzb4l  0/1      ContainerCreating   0          14s  
nginx-deployment-58cdc7b878-ft9f7  1/1      Running             0          81m  
nginx-deployment-58cdc7b878-sw4pf  1/1      Running             0          81m  
react-ecommerce-f8bd4cb8c-kd2r7    0/1      ImagePullBackOff    0          49m  
react-ecommerce-f8bd4cb8c-nhj2t    0/1      ImagePullBackOff    0          49m  
react-ecommerce-service-5799887844-4js6h  0/1      InvalidImageName    0          89m  
react-ecommerce-service-59bcbbb484-5wd5n  0/1      ImagePullBackOff    0          99m  
react-ecommerce-service-59bcbbb484-grhtb  0/1      ImagePullBackOff    0          99m  
hari@lenovo:~$ kubectl get pods  
NAME                                READY    STATUS              RESTARTS   AGE  
my-nginx-768f959b59-f8w4r          1/1      Running             0          22h  
nginx-deployment-58cdc7b878-bzb4l  1/1      Running             0          28s  
nginx-deployment-58cdc7b878-ft9f7  1/1      Running             0          82m  
nginx-deployment-58cdc7b878-sw4pf  1/1      Running             0          82m  
react-ecommerce-f8bd4cb8c-kd2r7    0/1      ImagePullBackOff    0          50m  
react-ecommerce-f8bd4cb8c-nhj2t    0/1      ErrImagePull        0          50m  
react-ecommerce-service-5799887844-4js6h  0/1      InvalidImageName    0          90m  
react-ecommerce-service-59bcbbb484-5wd5n  0/1      ImagePullBackOff    0          100m  
react-ecommerce-service-59bcbbb484-grhtb  0/1      ImagePullBackOff    0          100m  
hari@lenovo:~$ |
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hari@lenovo: ~  
react-ecommerce      0/2      2      0      6m23s  
react-ecommerce-service 0/2      1      0      56m  
hari@lenovo:~$ kubectl get deployments  
NAME                READY    UP-TO-DATE    AVAILABLE    AGE  
my-nginx            1/1      1              1            21h  
nginx-deployment    3/3      3              3            41m  
react-ecommerce     0/2      2              0            9m3s  
react-ecommerce-service 0/2      1              0            59m  
hari@lenovo:~$ kubectl get deployments  
NAME                READY    UP-TO-DATE    AVAILABLE    AGE  
my-nginx            1/1      1              1            22h  
nginx-deployment    3/3      3              3            49m  
react-ecommerce     0/2      2              0            16m  
react-ecommerce-service 0/2      1              0            67m  
hari@lenovo:~$ kubectl get pods  
NAME                                READY    STATUS              RESTARTS   AGE  
my-nginx-768f959b59-f8w4r          1/1      Running             0          22h  
nginx-deployment-58cdc7b878-67w4z  1/1      Running             0          49m  
nginx-deployment-58cdc7b878-ft9f7  1/1      Running             0          49m  
nginx-deployment-58cdc7b878-sw4pf  1/1      Running             0          49m  
react-ecommerce-f8bd4cb8c-kd2r7    0/1      ImagePullBackOff    0          17m  
react-ecommerce-f8bd4cb8c-nhj2t    0/1      ImagePullBackOff    0          17m  
react-ecommerce-service-5799887844-4js6h  0/1      InvalidImageName    0          57m  
react-ecommerce-service-59bcbbb484-5wd5n  0/1      ImagePullBackOff    0          67m  
react-ecommerce-service-59bcbbb484-grhtb  0/1      ImagePullBackOff    0          67m  
hari@lenovo:~$ kubectl get pods  
NAME                                READY    STATUS              RESTARTS   AGE  
my-nginx-768f959b59-f8w4r          1/1      Running             0          22h  
nginx-deployment-58cdc7b878-67w4z  1/1      Running             0          53m  
nginx-deployment-58cdc7b878-ft9f7  1/1      Running             0          53m  
nginx-deployment-58cdc7b878-sw4pf  1/1      Running             0          53m  
react-ecommerce-f8bd4cb8c-kd2r7    0/1      ImagePullBackOff    0          21m  
react-ecommerce-f8bd4cb8c-nhj2t    0/1      ImagePullBackOff    0          21m  
react-ecommerce-service-5799887844-4js6h  0/1      InvalidImageName    0          61m  
react-ecommerce-service-59bcbbb484-5wd5n  0/1      ImagePullBackOff    0          71m
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hari@lenovo: ~  
DownwardAPI: true  
QoS Class: BestEffort  
Node-Selectors: <none>  
Tolerations: node.kubernetes.io/not-ready:NoExecute op=Exists for 300s  
              node.kubernetes.io/unreachable:NoExecute op=Exists for 300s  
Events:  
Type      Reason      Age      From      Message  
-----  
Normal    Scheduled    90s      default-scheduler    Successfully assigned default/react-ecommerce-service-5799887844-4js  
6h to minikube  
Normal    SandboxChanged 76s      kubelet    Pod sandbox changed, it will be killed and re-created.  
Warning   InspectFailed 12s (x9 over 76s) kubelet    Failed to apply default image tag "<correct-image-name>:<tag>": coul  
dn't parse image name "<correct-image-name>:<tag>": invalid reference format  
Warning   Failed       12s (x9 over 76s) kubelet    Error: InvalidImageName  
hari@lenovo:~/capstone$ cd  
hari@lenovo:~$ nano deployment.yaml  
hari@lenovo:~$ kubectl apply -f my_deployment.yaml  
error: the path "my_deployment.yaml" does not exist  
hari@lenovo:~$ kubectl apply -f deployment.yaml  
deployment.apps/nginx-deployment created  
hari@lenovo:~$ kubectl create deployment react-ecommerce --image=hariprasath90/ecommerce:latest --replicas=2  
deployment.apps/react-ecommerce created  
hari@lenovo:~$ kubectl get deployments  
NAME          READY   UP-TO-DATE   AVAILABLE   AGE  
my-nginx      1/1     1            1           21h  
nginx-deployment 3/3     3            3           34m  
react-ecommerce 0/2     2            0           2m12s  
react-ecommerce-service 0/2     1            0           52m  
hari@lenovo:~$ kubectl get deployments  
NAME          READY   UP-TO-DATE   AVAILABLE   AGE  
my-nginx      1/1     1            1           21h  
nginx-deployment 3/3     3            3           38m  
react-ecommerce 0/2     2            0           6m23s  
react-ecommerce-service 0/2     1            0           56m  
hari@lenovo:~$ |
```

```
DownwardAPI: true  
QoS Class: BestEffort  
Node-Selectors: <none>  
Tolerations: node.kubernetes.io/not-ready:NoExecute op=Exists for 300s  
              node.kubernetes.io/unreachable:NoExecute op=Exists for 300s  
Events:  
Type      Reason      Age      From      Message  
-----  
Normal    Scheduled    90s      default-scheduler    Successfully assigned default/react-ecommerce-service-5799887844-4js  
6h to minikube  
Normal    SandboxChanged 76s      kubelet    Pod sandbox changed, it will be killed and re-created.  
Warning   InspectFailed 12s (x9 over 76s) kubelet    Failed to apply default image tag "<correct-image-name>:<tag>": coul  
dn't parse image name "<correct-image-name>:<tag>": invalid reference format  
Warning   Failed       12s (x9 over 76s) kubelet    Error: InvalidImageName  
hari@lenovo:~/capstone$ cd  
hari@lenovo:~$ nano deployment.yaml  
hari@lenovo:~$ kubectl apply -f my_deployment.yaml  
error: the path "my_deployment.yaml" does not exist  
hari@lenovo:~$ kubectl apply -f deployment.yaml  
deployment.apps/nginx-deployment created  
hari@lenovo:~$ kubectl create deployment react-ecommerce --image=hariprasath90/ecommerce:latest --replicas=2  
deployment.apps/react-ecommerce created  
hari@lenovo:~$ kubectl get deployments  
NAME          READY   UP-TO-DATE   AVAILABLE   AGE  
my-nginx      1/1     1            1           21h  
nginx-deployment 3/3     3            3           34m  
react-ecommerce 0/2     2            0           2m12s  
react-ecommerce-service 0/2     1            0           52m  
hari@lenovo:~$ kubectl get deployments  
NAME          READY   UP-TO-DATE   AVAILABLE   AGE  
my-nginx      1/1     1            1           21h  
nginx-deployment 3/3     3            3           38m  
react-ecommerce 0/2     2            0           6m23s  
react-ecommerce-service 0/2     1            0           56m  
hari@lenovo:~$ |
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```
hari@lenovo: ~  
💡 Restarting the docker service may improve performance.  
192.168.49.2  
hari@lenovo:~$ curl 192.168.49.2  
curl: (7) Failed to connect to 192.168.49.2 port 80 after 1 ms: Couldn't connect to server  
hari@lenovo:~$ curl 192.168.49.2:30340  
<!DOCTYPE html>  
<html>  
<head>  
<title>Welcome to nginx!</title>  
<style>  
  body {  
    width: 35em;  
    margin: 0 auto;  
    font-family: Tahoma, Verdana, Arial, sans-serif;  
  }  
</style>  
</head>  
<body>  
<h1>Welcome to nginx!</h1>  
<p>If you see this page, the nginx web server is successfully installed and  
working. Further configuration is required.</p>  
  
<p>For online documentation and support please refer to  
<a href="http://nginx.org/">nginx.org</a>.<br/>  
Commercial support is available at  
<a href="http://nginx.com/">nginx.com</a>.</p>  
  
<p><em>Thank you for using nginx.</em></p>  
</body>  
</html>  
hari@lenovo:~$ |
```