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File Edit Selection View Go Run Terminal Help
pod.yml - devops22_python - Visual Studio Code

EXPLORER
DEVOPS22 PYTHON
  lesson_1
    pod.yml
    EXERCISE_S.md
    lesson_6 > k8s > pod.yml
    1 -- apiVersion: v1

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
minikube v1.28.0 on Microsoft Windows 10 Host 10.0.19044 Build 19044
Starting control plane node minikube in cluster minikube
Restarting existing docker container for "minikube" ...
Verifying Kubernetes components...
Using image gcr.io/k8s-minikube/storage-provisioner:v5
Done! kubectll is now configured to use "minikube" cluster and "default" namespace by default
PS C:\Users\Grive\Documents\devops22_python> minikube kubectll -- get secrets
No resources found in default namespace.
PS C:\Users\Grive\Documents\devops22_python> minikube kubectll -- create secret docker-registry regcred --docker-server=ghcr.io --docker-username=isacrive --docker-password=ghp_shtjvS70Zpd6QZgZsRUXDj5p01x30udtx
secret/regcred created
PS C:\Users\Grive\Documents\devops22_python> minikube kubectll -- get secrets
NAME      TYPE      DATA      AGE
regcred   kubernetes.io/dockerconfigjson  1      4s
PS C:\Users\Grive\Documents\devops22_python> minikube kubectll -- apply -f lesson_6/k8s/pod.yml
pod/my-image created
PS C:\Users\Grive\Documents\devops22_python> minikube kubectll -- get pods
NAME      READY      STATUS      RESTARTS      AGE
my-image  0/1        ErrImagePull 0              14s
PS C:\Users\Grive\Documents\devops22_python> minikube kubectll -- port-forward pod/my-image :5000
error: unable to forward port because pod is not running. Current status-Pending
PS C:\Users\Grive\Documents\devops22_python> minikube kubectll -- port-forward pod/my-image :5001
error: unable to forward port because pod is not running. Current status-Pending
PS C:\Users\Grive\Documents\devops22_python> minikube kubectll -- apply -f lesson_6/k8s/pod.yml
pod/my-image configured
PS C:\Users\Grive\Documents\devops22_python> minikube kubectll -- port-forward pod/my-image :5000
error: unable to forward port because pod is not running. Current status-Pending
PS C:\Users\Grive\Documents\devops22_python> minikube kubectll -- get pods
NAME      READY      STATUS      RESTARTS      AGE
my-image  0/1        ErrImagePull 0              7m/s
PS C:\Users\Grive\Documents\devops22_python> kubectll describe pod my-image
Name:      my-image
Namespace: default
Priority:   0
Service Account: default
Node:      minikube/192.168.49.2
Start Time: Sun, 15 Jan 2023 18:47:25 +0100
Labels:    app=my-image
Annotations: <none>
Status:    Pending
IP:        172.17.0.3
IPs:
  IP: 172.17.0.3
Containers:
  my-image:
    Container ID:   ghr.io/isacrive/my_container_registry/my_image
    Image ID:       <none>
    Port:           <none>
    Host Port:      <none>
    States:
      Waiting:
        Reason: ErrImagePull
    Ready:          False
    Restart Count:  0
    Environment:    <none>
    Mounts:
      /var/run/secrets/kubernetes.io/serviceaccount from kube-api-access-8gftk (ro)
Conditions:
  Initialized:      True
  ContainersReady:  False
  Volumes:
    kube-api-access-8gftk:
      Type:               Projected (a volume that contains injected data from multiple sources)
      tokenExpirationSeconds: 3607
      configMapName:       kube-root-ca.crt
      optional:            false
      downwardAPI:         true
      qosClass:            BestEffort
      nodeSelectors:       <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   7m30s    default-scheduler   Successfully assigned default/my-image to minikube
  Normal   Pulling     56s3ms  kubelet        Pulling image "ghcr.io/isacrive/my_docker/my_image"
  Warning  Failed      56s3ms  kubelet        Failed to pull image "ghcr.io/isacrive/my_docker/my_image": rpc error: code = Unknown desc = Error response from daemon: manifest unknown
  Warning  Failed      56s3ms  kubelet        Error: ErrImagePull
  Normal   BackOff     56s3ms  kubelet        Back-off pulling image "ghcr.io/isacrive/my_docker/my_image"
  Normal   BackOff     2m21s  kubelet        Back-off pulling image "ghcr.io/isacrive/my_docker/my_image"
PS C:\Users\Grive\Documents\devops22_python> minikube kubectll -- apply -f lesson_6/k8s/pod.yml
pod/my-image configured
PS C:\Users\Grive\Documents\devops22_python> minikube kubectll -- port-forward pod/my-image :5000
error: unable to forward port because pod is not running. Current status-Pending
PS C:\Users\Grive\Documents\devops22_python> kubectll describe pod my-image
Name:      my-image
Namespace: default
Priority:   0
Service Account: default
Node:      minikube/192.168.49.2
Start Time: Sun, 15 Jan 2023 18:47:25 +0100
Labels:    app=my-image
Annotations: <none>
Status:    Running
IP:        172.17.0.3
IPs:
  IP: 172.17.0.3
Containers:
  my-image:
    Container ID:   docker://15eb196782799108f5262d938ee736debd72fcb223ede5a6a7fadbf95ede495
    Image:          ghr.io/isacrive/my_docker
    Image ID:       docker-pullable://ghcr.io/isacrive/my_docker@sha256:61e8636fc624b3bd485259ef5275b3d23d4bc433217060a4588a0998d2870
    Port:          <none>
    Host Port:     <none>
    State:
      Started:      Sun, 15 Jan 2023 19:01:42 +0100
    Ready:          True
    Restart Count:  0
    Environment:    <none>
    Mounts:
      /var/run/secrets/kubernetes.io/serviceaccount from kube-api-access-8gftk (ro)
Conditions:
  Type              Status
  Ready              True
  PodScheduled       True
```

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DEVOPS22 PYTHON
  lesson_1
    pod.yml
    EXERCISE_S.md
    lesson_6 > k8s > pod.yml
    1 -- apiVersion: v1

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
Mounts:
  /var/run/secrets/kubernetes.io/serviceaccount from kube-api-access-8gftk (ro)
Conditions:
  Initialized:      True
  ContainersReady:  False
  Volumes:
    kube-api-access-8gftk:
      Type:               Projected (a volume that contains injected data from multiple sources)
      tokenExpirationSeconds: 3607
      configMapName:       kube-root-ca.crt
      optional:            false
      downwardAPI:         true
      qosClass:            BestEffort
      nodeSelectors:       <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   7m30s    default-scheduler   Successfully assigned default/my-image to minikube
  Normal   Pulling     56s3ms  kubelet        Pulling image "ghcr.io/isacrive/my_docker/my_image"
  Warning  Failed      56s3ms  kubelet        Failed to pull image "ghcr.io/isacrive/my_docker/my_image": rpc error: code = Unknown desc = Error response from daemon: manifest unknown
  Warning  Failed      56s3ms  kubelet        Error: ErrImagePull
  Normal   BackOff     56s3ms  kubelet        Back-off pulling image "ghcr.io/isacrive/my_docker/my_image"
  Normal   BackOff     2m21s  kubelet        Back-off pulling image "ghcr.io/isacrive/my_docker/my_image"
PS C:\Users\Grive\Documents\devops22_python> minikube kubectll -- apply -f lesson_6/k8s/pod.yml
pod/my-image configured
PS C:\Users\Grive\Documents\devops22_python> minikube kubectll -- port-forward pod/my-image :5000
error: unable to forward port because pod is not running. Current status-Pending
PS C:\Users\Grive\Documents\devops22_python> kubectll describe pod my-image
Name:      my-image
Namespace: default
Priority:   0
Service Account: default
Node:      minikube/192.168.49.2
Start Time: Sun, 15 Jan 2023 18:47:25 +0100
Labels:    app=my-image
Annotations: <none>
Status:    Running
IP:        172.17.0.3
IPs:
  IP: 172.17.0.3
Containers:
  my-image:
    Container ID:   docker://15eb196782799108f5262d938ee736debd72fcb223ede5a6a7fadbf95ede495
    Image:          ghr.io/isacrive/my_docker
    Image ID:       docker-pullable://ghcr.io/isacrive/my_docker@sha256:61e8636fc624b3bd485259ef5275b3d23d4bc433217060a4588a0998d2870
    Port:          <none>
    Host Port:     <none>
    State:
      Started:      Sun, 15 Jan 2023 19:01:42 +0100
    Ready:          True
    Restart Count:  0
    Environment:    <none>
    Mounts:
      /var/run/secrets/kubernetes.io/serviceaccount from kube-api-access-8gftk (ro)
Conditions:
  Type              Status
  Ready              True
  PodScheduled       True
```



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pod.yml - demo22_python - Visual Studio Code
pod.yml M X EXERCISE_Sand
lesson_6_1_k8s_1 pod.yml
aciVersion: v1

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 14m default-scheduler Successfully assigned default/my_image to minikube
Normal Pulling 12m (x4 over 14m) kubelet Pulling image "ghcr.io/isagrisive/my_docker/my_image"
Warning Failed 12m (x4 over 14m) kubelet Failed to pull image "ghcr.io/isagrisive/my_docker/my_image": rpc error: code = Unknown desc = Error response from daemon: manifest unknown
Warning Failed 12m (x4 over 14m) kubelet Error: ErrImagePull
Warning Failed 12m (x6 over 14m) kubelet Error: ImagePullBackOff
Normal BackOff 98s (x20 over 14m) kubelet Back-off pulling image "ghcr.io/isagrisive/my_docker/my_image"
Normal BackOff 461s (x12 over 962s) kubelet Back-off pulling image "ghcr.io/isagrisive/my_docker/my_image"
PS C:\Users\jvive\Documents\devops22_python> minikube kubectl -- apply -f lesson_6/k8s/pod.yml

pod/my_image configured
PS C:\Users\jvive\Documents\devops22_python> minikube kubectl -- get pods
NAME READY STATUS RESTARTS AGE
my-image 1/1 Running 0 14m
PS C:\Users\jvive\Documents\devops22_python> minikube kubectl -- port-forward pod/my-image :5000
Forwarding from [::]:60547 -> 5000
Forwarding from [::]:60547 -> 5000
Handling connection for 60547
PS C:\Users\jvive\Documents\devops22_python> minikube kubectl -- delete -f lesson_6/k8s/pod.yml
pod/my_image deleted
PS C:\Users\jvive\Documents\devops22_python> minikube stop
Stopping node "minikube" ...
Powering off "minikube" via SSH ...
1 node stopped.
PS C:\Users\jvive\Documents\devops22_python>
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