

```
chan@Chan: ~/DevOps
chan@Chan:~/DevOps$ kubectl get pods
NAME      READY   STATUS    RESTARTS   AGE
my-mod    1/1     Running   0          68m
chan@Chan:~/DevOps$ kubectl get pods -A
NAMESPACE   NAME                                     READY   STATUS    RESTARTS   AGE
default     my-mod                                 1/1     Running   0          61m
kube-system coredns-668d6bf9bc-tbbz5              1/1     Running   0          62m
kube-system etcd-minikube                          1/1     Running   0          62m
kube-system kube-apiserver-minikube      1/1     Running   0          62m
kube-system kube-controller-manager-minikube 1/1     Running   0          62m
kube-system kube-proxy-6drgp             1/1     Running   0          62m
kube-system kube-scheduler-minikube       1/1     Running   0          62m
kube-system storage-provisioner          1/1     Running   1 (61m ago) 62m
chan@Chan:~/DevOps$ kubectl get pods -n kube-system
NAME                                     READY   STATUS    RESTARTS   AGE
coredns-668d6bf9bc-tbbz5              1/1     Running   0          62m
etcd-minikube                          1/1     Running   0          63m
kube-apiserver-minikube                1/1     Running   0          63m
kube-controller-manager-minikube       1/1     Running   0          63m
kube-proxy-6drgp                       1/1     Running   0          62m
kube-scheduler-minikube                1/1     Running   0          63m
storage-provisioner                    1/1     Running   1 (62m ago) 63m
chan@Chan:~/DevOps$ kubectl get pods my-mod
NAME      READY   STATUS    RESTARTS   AGE
my-mod    1/1     Running   0          61m
chan@Chan:~/DevOps$ kubectl get pods my-mod -o wide
NAME      READY   STATUS    RESTARTS   AGE   IP            NODE       NOMINATED NODE   READINESS GATES
my-mod    1/1     Running   0          62m   10.244.0.3   minikube   <none>           <none>
chan@Chan:~/DevOps$ kubectl get pods my-mod -o yaml
error: unable to match a printer suitable for the output format "yaml", allowed formats are: custom-columns,custom-columns-file,go-template,go-template-file,
json,jsonpath,jsonpath-as-json,jsonpath-file,name,template,templatefile,wide,yaml
chan@Chan:~/DevOps$ kubectl get pods my-mod -o yaml
apiVersion: v1
kind: Pod
metadata:
  creationTimestamp: "2025-03-20T04:52:01Z"
  labels:
    run: my-mod
  name: my-mod
  namespace: default
  resourceVersion: "471"
```

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chan@Chan: ~/DevOps
started: true
state:
  running:
    startedAt: "2025-03-20T04:52:46Z"
volumeMounts:
- mountPath: /var/run/secrets/kubernetes.io/serviceaccount
  name: kube-api-access-488wx
  readOnly: true
  recursiveReadOnly: Disabled
hostIP: 192.168.49.2
hostIPs:
- ip: 192.168.49.2
phase: Running
podIP: 10.244.0.3
podIPs:
- ip: 10.244.0.3
qosClass: BestEffort
startTime: "2025-03-20T04:52:01Z"
chan@Chan:~/DevOps$ kubectl get pods my-mod -o json
{
  "apiVersion": "v1",
  "kind": "Pod",
  "metadata": {
    "creationTimestamp": "2025-03-20T04:52:01Z",
    "labels": {
      "run": "my-mod"
    },
    "name": "my-mod",
    "namespace": "default",
    "resourceVersion": "471",
    "uid": "955ce304-039a-433d-a9eb-2a272a07d648"
  },
  "spec": {
    "containers": [
      {
        "image": "nginx",
        "imagePullPolicy": "Always",
        "name": "my-mod",
        "ports": [
          {
            "containerPort": 80,
```

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chan@Chan: ~/DevOps
    "ip": "192.168.49.2"
  },
  "phase": "Running",
  "podIP": "10.244.0.3",
  "podIPs": [
    {
      "ip": "10.244.0.3"
    }
  ],
  "qosClass": "BestEffort",
  "startTime": "2025-03-20T04:52:01Z"
}
}
chan@Chan:~/DevOps$ kubectl describe pod my-mod
Name:          my-mod
Namespace:     default
Priority:       0
Service Account: default
Node:          minikube/192.168.49.2
Start Time:    Thu, 20 Mar 2025 04:52:01 +0000
Labels:        run=my-mod
Annotations:    <none>
Status:        Running
IP:            10.244.0.3
IPs:
  IP: 10.244.0.3
Containers:
  my-mod:
    Container ID:  docker://07907cc996b62e96e632c37211bec5d50cd5615f418a2d72acb9c018a74dd7db
    Image:         nginx
    Image ID:      docker-pullable://nginx@sha256:124b44bfc9ccd1f3cedf4b592d4d1e8bdeb78b51ec2ed5056c52d3692baebc19
    Port:          80/TCP
    Host Port:     0/TCP
    State:         Running
      Started:     Thu, 20 Mar 2025 04:52:46 +0000
    Ready:         True
    Restart Count:  0
    Environment:    <none>
    Mounts:
      /var/run/secrets/kubernetes.io/serviceaccount from kube-api-access-488wx (ro)
```

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chan@Chan: ~/DevOps
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   63m   default-scheduler Successfully assigned default/my-mod to minikube
  Normal   Pulling     63m   kubelet           Pulling image "nginx"
  Normal   Pulled      63m   kubelet           Successfully pulled image "nginx" in 41.838s (41.838s including waiting). Image size: 192004242 bytes.
  Normal   Created     63m   kubelet           Created container: my-mod
  Normal   Started     63m   kubelet           Started container my-mod
chan@Chan:~/DevOps$ kubectl logs my-mod
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2025/03/20 04:52:46 [notice] 1#1: using the "epoll" event method
2025/03/20 04:52:46 [notice] 1#1: nginx/1.27.4
2025/03/20 04:52:46 [notice] 1#1: built by gcc 12.2.0 (Debian 12.2.0-14)
2025/03/20 04:52:46 [notice] 1#1: OS: Linux 5.15.167.4-microsoft-standard-WSL2
2025/03/20 04:52:46 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
2025/03/20 04:52:46 [notice] 1#1: start worker processes
2025/03/20 04:52:46 [notice] 1#1: start worker process 29
2025/03/20 04:52:46 [notice] 1#1: start worker process 30
2025/03/20 04:52:46 [notice] 1#1: start worker process 31
2025/03/20 04:52:46 [notice] 1#1: start worker process 32
2025/03/20 04:52:46 [notice] 1#1: start worker process 33
2025/03/20 04:52:46 [notice] 1#1: start worker process 34
2025/03/20 04:52:46 [notice] 1#1: start worker process 35
2025/03/20 04:52:46 [notice] 1#1: start worker process 36
2025/03/20 04:52:46 [notice] 1#1: start worker process 37
2025/03/20 04:52:46 [notice] 1#1: start worker process 38
2025/03/20 04:52:46 [notice] 1#1: start worker process 39
2025/03/20 04:52:46 [notice] 1#1: start worker process 40
```