

Pods

» Executing Commands Inside Pods

Overview

We use the `exec` subcommand to execute a command against a container in a pod.

```
kubectl exec --help
```

Get the list of pods.

```
kubectl get pods
```

Commands

View the running processes inside the `nginx` pod.

```
kubectl exec nginx -- find /proc -mindepth 2 -maxdepth 2 -name exe -exec ls -lh {} \; 2>/dev/null
```

View the ip address of the running pod.

```
kubectl exec nginx -- hostname -i
```

Let's execute an `echo` command within the pod.

```
kubectl exec nginx -- /bin/echo "Hello from CoreOS"
```

Execute an interactive shell session inside the container.

```
kubectl exec -it nginx -- /bin/sh
```

Run some commands inside the container and exit.

```
ls
cat /etc/os-release
hostname
exit
```

Notice the label that automatically gets set on a pod that is created with `kubectl run`

```
kubectl get pods --show-labels
```

Clean Up

Use the `delete` subcommand to delete the resources that were created.

```
kubectl delete --help
```

Delete the resources that we created.

```
kubectl delete pod nginx
```