



OpenShift CLI (oc) Cheat Sheet

Built for operators. Maintained in the open.

Practical OpenShift CLI commands for day-to-day operator workflows. Designed for speed, clarity, and safe execution in live environments.

Login & Context

```
oc login https://api.cluster:6443  
oc whoami  
oc status
```

Project & Namespace Management

```
oc project  
oc project my-project  
oc get projects
```

Core Resource Inspection

```
oc get pods  
oc get all  
oc get svc  
oc get route  
oc get deploy
```

Deeper diagnostics for a specific pod:

```
oc describe pod <pod-name>
```

Logs & Remote Access

```
oc logs <pod-name>  
oc logs -f <pod-name>
```

Shell into a running container:

```
oc exec -it <pod-name> -- /bin/sh
```



Some images use /bin/bash instead of /bin/sh

Apply & Manage YAML

```
oc apply -f file.yaml  
oc delete -f file.yaml  
oc get svc my-service -o yaml  
oc explain route.spec
```

Rollouts & Deployments

```
oc rollout status deploy/my-app  
oc rollout history deploy/my-app  
oc rollout undo deploy/my-app
```

Troubleshooting & Operations

```
oc get events --sort-by=.lastTimestamp  
oc adm top pods  
oc adm top nodes  
oc adm top nodes requires elevated permissions
```