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