

Kubectl Commands Cheat Sheet

Here you'll find a list of **kubectl** commands you can use to manage Metric Insights if deployed in Kubernetes.

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1.) Deploying

- Deploy Metric Insights in the namespace using a configuration file:

```
kubectl --namespace <MI-namespace> apply -f <configuration-file>.yaml
```

2.) Getting Information

- Get list of all services in the namespace:

```
kubectl get services -n <MI-namespace>
```

- Get list of pods in the namespace:

```
kubectl get pods -n <MI-namespace>
```

```
kubectl get pods -n <MI-namespace> -o wide
```

```
kubectl get pods --all-namespaces
```

```
kubectl get pods --sort-by='.status.containerStatuses[0].restartCount'
```

- Get detailed information about each pod:

```
kubectl describe pods -n <MI-namespace> -o wide
```

- Get list of events sorted by timestamp:

```
kubectl get events --sort-by=.metadata.creationTimestamp
```

3.) Opening a Bash Shell inside a Pod

- Open a bash shell for a specific pod:

```
kubectl exec -it <pod-ID> -n <MI-namespace> bash
```

4.) Getting Logs

- See logs for a specific pod:

```
kubectl logs <pod-ID>
```

```
kubectl logs -f <pod-ID>
```

5.) Deleting

- Deleting pods and services (to generate a new pod):

```
kubectl -n <MI-namespace> delete pod <pod-ID>
```

```
kubectl -n <MI-namespace> delete svc <service-ID>
```

```
kubectl -n <MI-namespace> delete pod/svc --all
```

- Deleting all resources in the namespace

```
kubectl -n <MI-namespace> delete -f <configuration-file>.yaml
```