

Kubernetes resource

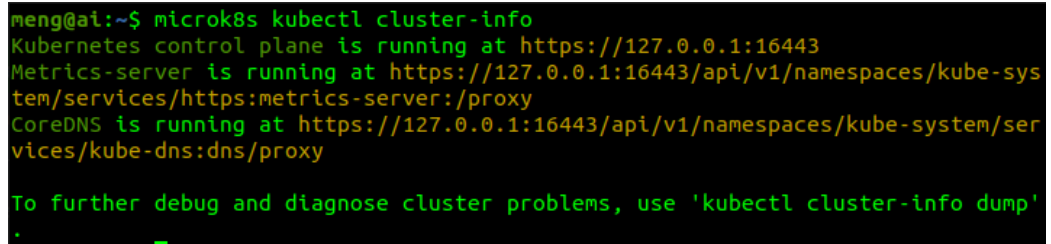
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1 Kubeconfig

1. Inspect the endpoints for the cluster and installed add-ons.

kubectl cluster-info

A terminal window with a black background and green text. The prompt is 'meng@ai:~\$'. The command 'microk8s kubectl cluster-info' has been executed. The output shows the Kubernetes control plane running at https://127.0.0.1:16443, the metrics-server running at https://127.0.0.1:16443/api/v1/namespaces/kube-system/services/https:metrics-server:/proxy, and CoreDNS running at https://127.0.0.1:16443/api/v1/namespaces/kube-system/services/kube-dns:dns/proxy. A final line suggests using 'kubectl cluster-info dump' for further debugging.

```
meng@ai:~$ microk8s kubectl cluster-info
Kubernetes control plane is running at https://127.0.0.1:16443
Metrics-server is running at https://127.0.0.1:16443/api/v1/namespaces/kube-system/services/https:metrics-server:/proxy
CoreDNS is running at https://127.0.0.1:16443/api/v1/namespaces/kube-system/services/kube-dns:dns/proxy

To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'
```

2. List all the nodes in the cluster. To get a more detailed view of the nodes, the ‘-o wide’ flag can be passed.

kubectl get nodes [-o wide]

3. Describe a cluster node. Typical configuration: node IP.

kubectl describe node {NODE}