

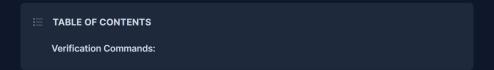




Running Kubernetes locally on Linux with Microk8s

KAMRAN MUNEER · May 19, 2023 · 🗘 1 min read





MICROK8S Installation:

https://kubernetes.io/blog/2019/11/26/running-kubernetes-locally-on-linux-with-

sudo snap install microk8s --classic



(core) Cloud native certificate management # (core) The community addons repository # (core) The Kubernetes dashboard

microk8s enable dns dashboard host-access hostpath-storage ingress rbac storage metrics-

server

```
root@nicroR892:~# microR8s enable dns dashboard host-access hostpath-storage ingress rbac storage metrics-server
Infar repository core for addon dashboard
Infar repository core for addon host-access
Infar repository core for addon host-access
Infar repository core for addon hostpath-storage
Infar repository core for addon repository
Infar repository core for addon rbac
Infar repository core for addon rbac
Infar repository core for addon metrics-server
Enabling DNS
Using host configuration from /run/systemd/resolve/resolv.conf
Applying manifest
serviceaccount/coredns created
daployment.apps/coredns created
daployment.apps/coredns created
clusterrole, rbac.authorization.k8s.io/coredns created
clusterrole, rbac.authorization.k8s.io/coredns created
```

Verification Commands:

```
microk8s.kubectl get nodes

microk8s.kubectl get nodes -o wide

microk8s kubectl get ns

microk8s kubectl get svc

microk8s kubectl get deploy
```

End Of Lab: Good Day!



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