



For more about Kubernetes visit ubuntu.com/kubernetes or call direct (US Central) +1 737 204 0291 or (UK) +44 203 656 5291

Small Kubernetes, No Compromises.

The leanest, cleanest CNCF-conformant K8s. Designed for enterprise devices and developers, MicroK8s installs in seconds in your VM, laptop or server. Single package, zero-configuration, and automatic security updates make MicroK8s the simplest solution for small systems.



microk8s.io

© Canonical Limited 2019. Ubuntu, Kubuntu, Canonical and their associated logos are the registered trademarks of Canonical Limited. All other trademarks are the properties of their respective owners. Any information referred to in this document may change without notice and Canonical will not be held responsible for any such changes.

Canonical Limited, Registered in England and Wales, Company number 110334C
Registered Office: 12 - 14 Finch Road, Douglas, Isle of Man, IM99 1TT VAT Registration: GB 003 2322 47
Please recycle this document.



- ✓ Conformant
- ✓ Clustering
- ✓ Strict Confinement
- ✓ Kubeflow
- ✓ Istio
- ✓ Registry
- ✓ Dashboard
- ✓ DNS
- ✓ Cilium
- ✓ Helm
- ✓ Automatic Updates
- ✓ Linkerd
- ✓ Storage
- ✓ GPGPU bindings
- ✓ Jaeger
- ✓ Prometheus

NEW! Clustering for high-availability appliances.

Clustering is now available on MicroK8s. Cluster K8s appliances or VMs. Join multiple workstations and devices.

Strictly Confined.

Rigorous isolation with MAC-based security and SECCOMP provides tightly secured production-grade Kubernetes.



Reliable, fast, small, upstream.

Fast Install

Get a full Kubernetes system running in under 60 seconds.

Secure

Runs safely on your laptop with state of the art isolation.

Upstream

CNCF binaries delivered to your laptop, with updates and upgrades.

Complete

Includes a docker registry so you can make containers, push them, and deploy them all on your laptop.

Featureful

Cool things you probably want to try on a small, standard K8s are all built-in. Just enable them and go.

Updates

Get the daily build if you want it, or betas and milestones, or just stable point releases.

Upgrades

When a new major version comes out, upgrade with a single command (or automatically).

GPGPU Passthrough

Give MicroK8s a GPGPU and your docker containers can get all nice and CUDA.

Small

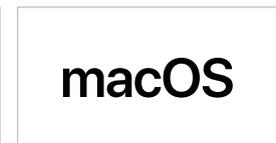
Use MicroK8s in your CI/CD pipelines and get on with your day without headaches.



```
snap install microk8s
```



```
multipass launch --name microk8s-vm --mem 4G --disk 40G
```



```
multipass shell exec microk8s-vm  
snap install microk8s
```