
Install Tools

Set up Kubernetes tools on your computer.

kubect1

The Kubernetes command-line tool, [kubect1](#), allows you to run commands against Kubernetes clusters. You can use kubect1 to deploy applications, inspect and manage cluster resources, and view logs. For more information including a complete list of kubect1 operations, see the [kubect1 reference documentation](#).

kubect1 is installable on a variety of Linux platforms, macOS and Windows. Find your preferred operating system below.

- [Install kubect1 on Linux](#)
- [Install kubect1 on macOS](#)
- [Install kubect1 on Windows](#)

kind

[kind](#) lets you run Kubernetes on your local computer. This tool requires that you have either [Docker](#) or [Podman](#) installed.

The kind [Quick Start](#) page shows you what you need to do to get up and running with kind.

[View kind Quick Start Guide](#)

minikube

Like kind, [minikube](#) is a tool that lets you run Kubernetes locally. minikube runs an all-in-one or a multi-node local Kubernetes cluster on your personal computer (including Windows, macOS and Linux PCs) so that you can try out Kubernetes, or for daily development work.

You can follow the official [Get Started!](#) guide if your focus is on getting the tool installed.

[View minikube Get Started! Guide](#)

Once you have minikube working, you can use it to [run a sample application](#).

kubeadm

You can use the [kubeadm](#) tool to create and manage Kubernetes clusters. It performs the actions necessary to get a minimum viable, secure cluster up and running in a user friendly way.

[Installing kubeadm](#) shows you how to install kubeadm. Once installed, you can use it to [create a cluster](#).

[View kubeadm Install Guide](#)