

Install Tools

Set up Kubernetes tools on your computer.

kubect

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

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

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

kind

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

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 a single-node 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](#)

Feedback

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No

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