



# Kubernetes Documentation

Kubernetes is an open source container orchestration engine for automating deployment, scaling, and management of containerized applications. The open source project is hosted by the Cloud Native Computing Foundation ([CNCF](#)).

## Understand the basics

Learn about Kubernetes and its fundamental concepts.

- [What is Kubernetes?](#)
- [Kubernetes Components](#)
- [The Kubernetes API](#)
- [Understanding Kubernetes Objects](#)
- [Pods](#)

Learn Concepts

## Try Kubernetes

Follow tutorials to learn how to deploy applications in Kubernetes.

- [Hello Minikube](#)
- [Walkthrough the basics](#)
- [Stateless Example: PHP Guestbook with Redis](#)
- [Stateful Example: Wordpress with Persistent Volumes](#)

View Tutorials

## Set up a K8s cluster

Get Kubernetes running based on your resources and needs.

- [Install the kubeadm setup tool](#)
- [Learning environment](#)
- [Production environment](#)

Set up Kubernetes

## Learn how to use Kubernetes

Look up common tasks and how to perform them using a short sequence of steps.

- [Install kubectl on Linux](#)
- [Install kubectl on macOS](#)
- [Install kubectl on Windows](#)
- [Use the Web UI Dashboard](#)
- [Configure Access to Multiple Clusters](#)
- [Configure a Pod to Use a ConfigMap](#)

View Tasks

## Training

Get certified in Kubernetes and make your cloud native projects successful!

View training

## Look up reference information

Browse terminology, command line syntax, API resource types, and setup tool documentation.

- [Glossary](#)
- [Overview of kubectl](#)
- [kubectl Cheat Sheet](#)
- [Kubeadm](#)
- [Overview of API](#)
- [Feature Gates](#)

View Reference

# Contribute to the docs

Anyone can contribute, whether you're new to the project or you've been around a long time.

- [Start contributing to K8s](#)
- [Suggesting content improvements](#)
- [Page content types](#)
- [Opening a pull request](#)
- [Documenting a feature for a release](#)
- [Translating the docs](#)
- [Participating in SIG Docs](#)
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# K8s Release Notes

If you are installing Kubernetes or upgrading to the newest version, refer to the current release notes.

Download Kubernetes

# About the documentation

This website contains documentation for the current and previous 4 versions of Kubernetes.

[Available Documentation Versions](#)

Last modified November 12, 2020 at 10:33 AM PST : [Use k8s more widely \(cf76fafcf\)](#).