Azure Kubernetes Service (AKS)

Azure Kubernetes Service (AKS) manages your hosted Kubernetes environment, making it quick and easy to deploy and manage containerized applications without container orchestration expertise. It also eliminates the burden of ongoing operations and maintenance by provisioning, upgrading, and scaling resources on demand, without taking your applications offline.

5-Minute Quickstarts

Learn how to deploy an AKS cluster:

Azure CLI   Azure Portal

Learn how to develop and debug applications with AKS:

Java   .NET and VS Code   .NET and Visual Studio   Node.js

Step-by-Step Tutorials

Learn how to deploy, manage, and update applications on an AKS cluster.

1. Create container images from an application
2. Upload container images to the Azure Container Registry
3. Deploy an AKS cluster
4. Run your container images in Kubernetes
5. Scale an application and Kubernetes infrastructure
6. Update an application running in Kubernetes
7. Upgrade AKS cluster

Build your skills with Microsoft Learn

Introduction to containers on Azure

Run Docker containers with Azure Container Instances

Build and store container images with Azure Container Registry

[More interactive learning...](#)

Reference

Command line	Languages	REST
[Azure CLI](#)	[.NET](#)	[REST API](#)
	[Python](#)	
	[Java](#)	
	[Node.js](#)	