



✓ 700 XP

Introduction to Kubernetes

53 min • Module • 7 Units

★★★★☆ 4.5 (264)

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Determine the types of business problems that you can solve by using Kubernetes. Describe the benefits of container orchestration with features like deployment management, automatic updates, and self-healing.

In this module, you will:

- Evaluate whether Kubernetes is an appropriate orchestration platform for your workload
- Describe the difference between master nodes and nodes in a Kubernetes cluster
- Describe how the components of Kubernetes work to support compute container orchestration

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Prerequisites

- Basic understanding of microservices
- Basic understanding of how Docker containers work
- Basic knowledge of how to install software by using a command-line interface

This module is part of these learning paths

[Administer containers in Azure](#)[Introduction to Kubernetes on Azure](#)

Introduction

2 min



What is Kubernetes?

7 min



How Kubernetes works

13 min



How Kubernetes deployments work

10 min



Exercise - Explore the functionality of a Kubernetes cluster

15 min



When to use Kubernetes

4 min



Summary

2 min

