



✓ 700 XP



Introduction to Kubernetes

53 min • Module • 7 Units

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Beginner Developer Administrator Solutions Architect Student Azure

Kubernetes Service

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 learning path](#)[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

