



1100 XP

Azure Kubernetes Service Workshop

2 hr 25 min • Module • 11 Units

★★★★★ 4.7 (29)

Advanced Solutions Architect Developer Azure Kubernetes Service Container Registry

In this workshop, you'll go through tasks to deploy a multicontainer application to Kubernetes on Azure Kubernetes Service (AKS).

In this module, you will:

- Create an Azure Kubernetes Service cluster
- Choose the best deployment options for you Pods
- Expose Pods to internal and external network users
- Configure SSL/TLS for Azure Kubernetes Service ingress
- Monitor the health of an Azure Kubernetes Service cluster
- Scale your application in an Azure Kubernetes Service cluster

Start >

Prerequisites

- Knowledge of Kubernetes and its concepts
- Access to an Azure subscription

Introduction

5 min

Exercise - Deploy Kubernetes with Azure Kubernetes Service

15 min

Exercise - Create a private, highly available container registry

15 min

Exercise - Deploy MongoDB

15 min

Exercise - Deploy the ratings API

20 min

Exercise - Deploy the ratings front end

20 min

Exercise - Deploy an ingress for the front end

20 min

Exercise - Enable SSL/TLS on the front-end ingress

15 min

Exercise - Configure monitoring for your application

10 min

Exercise - Scale your application to meet demand

5 min

Summary and cleanup

5 min

