Deploying Azure Kubernetes Service

James Bannan
AZURE CONSULTANT

@jamesbannan www.jamesbannanit.com

Module Overview

- Configure Deployment Environment
- Deploy & Validate AKS Cluster
- Scale AKS Cluster
- Destroy AKS Cluster

Configure Deployment Environment

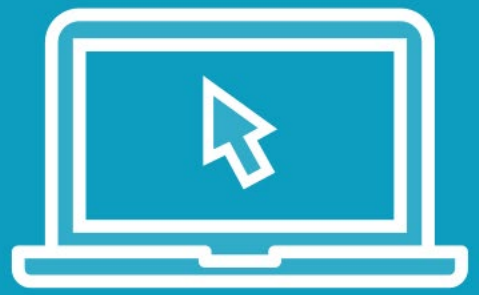
Course Development Environment

Bash in Azure Cloud Shell: Azure Portal and VSCode

Windows/WSL, MacOS, Linux

Course Resources: *https://github.com/jamesbannan/pluralsight*

Demo

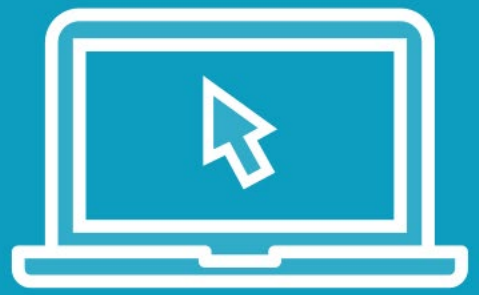


Configure Development Environment

Validate Environment Prerequisites

Deploy AKS Cluster

Demo

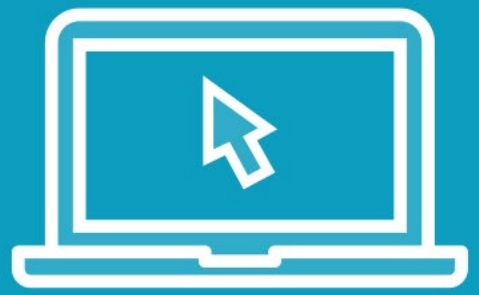


Explore Demo Assets

Deploy Supporting Resources

Deploy AKS Cluster

Demo

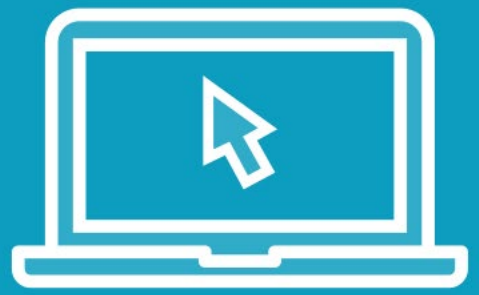


Access Cluster with `kubectl`

Access Cluster with Kubernetes Dashboard

AKS Cluster Operations

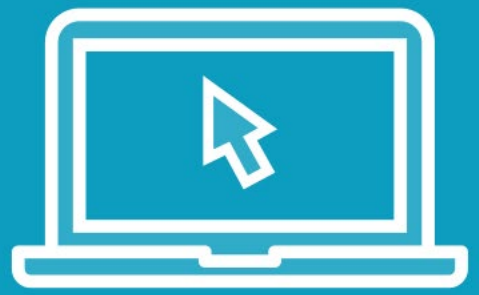
Demo



Scale up Cluster Nodes

Validate Scale Operation

Demo



Scale down Cluster Nodes

Validate Scale Operation

Destroy AKS Cluster

Module Overview

- Configure Deployment Environment
- Deploy & Validate AKS Cluster
- Scale AKS Cluster
- Destroy AKS Cluster

Coming next:
Developing an AKS Deployment Template