

Create and Configure Azure Containers

Module 1

[Azure Container Instances Documentation](#)

[Containers v. Virtual Machines](#)

[About Windows Containers](#)

[Quickstart: Deploy a container instance in Azure using Azure PowerShell](#)

[Azure Container Registry Documentation](#)

[FAQ about Azure Container Instances](#)

Module 2

[Introduction to Azure Kubernetes Service](#)

[Azure Kubernetes Service solution journey](#)

[Azure Kubernetes Service \(AKS\)](#)

[Quickstart: Deploy an Azure Kubernetes Service cluster using the Azure CLI](#)

[Quickstart: Deploy an Azure Kubernetes Service \(AKS\) cluster using the Azure portal](#)

[Kubernetes core concepts for Azure Kubernetes Service \(AKS\)](#)

Module 2 demo code for AKS

```
# Need the kubernetes command-line client. This is already installed in cloud shell
az aks install-cli

# Download credentials and configures kubernetes cli to use them.=
az aks get-credentials --resource-group ps-course-rg --name PSAKSCluster1

# Verfiy connection
kubectl get nodes

# Deploy application using the apply command of YAML manifest found in exercise files zip
kubectl apply -f azure-vote.yaml

# Test application
kubectl get service azure-vote-front --watch
```