

# INTRODUCTION TO MICROSOFT AZURE FOR IT PROFESSIONALS

## **Module 1:** Getting started with Microsoft Azure

This module introduces students to cloud services and the various Azure services. It describes how to use the Azure portal to access and manage Azure services, and to manage Azure subscription and billing.

## **Module 2:** Microsoft Azure management tools

This module explains Azure PowerShell and its use in managing Azure subscriptions. It also describes how to use the Azure SDK and the Azure CLI to manage Azure subscriptions.

## **Module 3:** Virtual machines in Microsoft Azure

This module explains how to create and configure virtual machines in Azure and how to manage disks for virtual machines.

## **Module 4:** Azure Web Apps

This module explains how to create, configure, and monitor web apps in Azure.

## **Module 5:** Implementing Azure networking

This module explains how to create and implement Azure networks and how to use their components to enhance the resiliency and availability of virtual machines.

## **Module 6:** Introduction Azure Storage and Data Services

This module explains the features and benefits of Azure storage and data services.

## **Module 7:** Introduction to containers and serverless computing in Azure

This module explains the options for implementing containers and describes the serverless technologies available in Azure.

## **Module 8:** Configuring and managing Azure AD

This module explains how to create users, domains, and directories in Azure AD, integrate applications with Azure AD, and use Multi-Factor Authentication.