



Microsoft Azure Fundamentals (10979) HOLQ6S

Get hands-on instruction and practice implementing Microsoft Azure in this two day Microsoft Official Course. You will be presented with Basic cloud computing concepts as well as specific Microsoft Azure features used in day to day administration of cloud resources. You will learn key Microsoft Azure concepts and basic implementation of Azure subscriptions, websites, virtual machines, storage, virtual networks, databases and Microsoft Azure Active Directory.

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Price USD \$1,200

Links to local schedules, pricing and registration [US/Canada](#)

HP course # HOLQ6S

Category Microsoft Azure

Duration 2 days

Course description

This course is intended for information technology (IT) professionals who have a limited knowledge of cloud technologies and want to learn more about Microsoft Azure. This course provides the underlying knowledge required by all IT professionals who will be using Microsoft Azure, regardless of whether they are an administrator, developer, or database administrator. While this course does not map to an exam, it does provide you with the prerequisite knowledge for taking courses 20532B:Developing Microsoft Azure Solutions & 20533B:Implementing Microsoft Azure Infrastructure Solutions.

Audience

This course is intended for IT professionals who have a limited knowledge of cloud technologies and want to learn more about Microsoft Azure. The audience will include:

- Individuals who want to evaluate the deployment, configuration, and administration of services and virtual machines using Microsoft Azure.
- Developers who want to evaluate the creation of Microsoft Azure solutions.
- Windows Server administrators who want to evaluate the migration of on-premises Active Directory roles and services to the cloud.
- IT professionals who want to evaluate the use of Microsoft Azure to host web sites and mobile app back-end services.
- Database administrators who want to evaluate the use of Microsoft Azure to host Microsoft SQL Server databases.

Prerequisites

Before attending this course, students must have:

- Professional experience in information technology.
- An understanding of websites.
- A basic understanding of Active Directory concepts such as domains, users, and domain controllers.
- A basic understanding of database concepts, including tables and simple queries

Course objectives

After completing this course, students will be able to:

- Describe the various Azure services, and access these services from the Azure portal.
- Create and configure virtual machines in Azure.
- Describe the Azure Websites service and Azure Cloud Services.
- Create and implement Azure networks.
- Create and configure cloud storage in Azure.
- Use databases to store data in Azure.
- Use Azure Active Directory (Azure AD), integrate applications with Azure AD, and manage authentication.
- Manage an Azure subscription by using Azure PowerShell, Microsoft Visual Studio, and the Azure command-line interface.

Course outline

Module 1: Getting Started with Microsoft Azure

This module describes the features of Microsoft Azure and the services it provides. The module also explains how to manage Microsoft Azure by using the Azure portal, Visual Studio, and SQL Server Management Studio. In addition, the module describes how to manage subscriptions and billing.

Module 2: Virtual Machines in Microsoft Azure

This module describes how to create and configure virtual machines and disks.

Module 3: Websites and Cloud Services

This module explains the procedures for creating and configuring websites and cloud services. The module also describes how to deploy and monitor websites.

Module 4: Virtual Networks

This module provides an overview of virtual networks and also describes the procedure to create one. The module then describes a point-to-site VPN and explains how to set up one.

Module 5: Cloud Storage

This module describes cloud storage features such as azure storage accounts, BLOBs, tables, and queues.

The module also describes how to create and manage storage.

Module 6: Microsoft Azure Databases

This module provides an overview of the relational database deployment options. The module also describes how to create and connect SQL databases.

Module 7: Azure Active Directory

This module describes how to manage Active Directory objects and how they can be used for identity and access management. The module also describes how to configure authentication by using multi-factor authentication and single sign-on.

Module 8: Microsoft Azure Management Tools

This module provides an overview of the tools that you can use to manage Microsoft Azure such as Azure PowerShell, Visual Studio, and Xplat CLI.

Learn more at

hpe.com/us/training/microsoft

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