2 Days | 10979: Microsoft Azure Fundamentals

Microsoft Azure Fundamentals Training is an elementary course yet beneficial to administrators, developers, and database administrators that render the requisite knowledge to evaluate Microsoft Azure.

This course will expose participants to the various principles of cloud computing that have been deployed in Microsoft Azure. Through the delivery of foundational knowledge, this course will enable participants to create common Azure services, including Azure virtual machines (VMs), Web Apps, and SQL Databases.

This course provides pre-requisite knowledge to students seeking to attend course 20532C Developing Microsoft Azure Solutions, or course 20533C Implementing Microsoft Azure Infrastructure Solutions.

Course Details

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Course Outline

Module 1: Getting Started with Microsoft Azure

- Define cloud computing
- Define Azure
- Manage Azure
- Subscription management, support, and billing

Module 2: Microsoft Azure management tools

- Define Azure PowerShell
- The Azure SDK and the Azure CLI

Module 3: Virtual machines in Microsoft Azure

- Create and configure VMs
- Configure disks

Module 4: Web Apps and cloud services

- Create and configure web apps
- Deploy and monitor web apps
- Create and deploy PaaS cloud services

Module 5: Create and configure virtual networks

- Getting started with virtual networks
- Create a virtual network
- Getting started with Azure Load Balancers

Module 6: Cloud storage

- Understand cloud storage
- Create and manage storage

Module 7: Microsoft Azure databases

- Understand options for relational database deployment
- Create and connect to Azure SQL databases

Module 8: Create and manage Azure AD

- Overview of Azure AD
- Manage Azure AD authentication

Who Should Attend

The Microsoft Azure Fundamentals training course is intended for individuals who seek to evaluate deploy, configure, and administer services and VMs using Azure, including:

- Windows Server administrators who want to evaluate the migration of on-premises Active Directory services and roles to the cloud.
- Database administrators who want to evaluate the use of Azure to host SQL databases.
- Developers who want to evaluate creating Azure solutions.
- IT professionals who want to evaluate the use of Azure to host websites and mobile app back-end services.

Pre Requisite

Before attending this course, candidates must have a background in IT.

In addition to their professional experience, candidates who attend this training should already possess the following technical knowledge:

- A basic understanding of virtualization.

- Understanding of websites.

- A basic understanding of Active Directory concepts.

- A basic understanding of database concepts including tables and simple queries.

Date - May 07, 2025