AZ-900T00: Microsoft Azure Fundamentals

Course outline

Module 1: Cloud Concepts

In this module, you'll take an entry level end-to-end look at cloud concepts, which will provide you with a solid foundation for completing the available modules for Azure Fundamentals.

Lessons

- Cloud Computing
- Cloud benefits
- Cloud service types

After completing this module, students will be able to:

- Describe cloud computing.
- Describe the benefits of using cloud services.
- Describe cloud service types.

Module 2: Azure Architecture and Services

This module explores Microsoft Azure, its architecture, and some of the most commonly used services and resources.

Lessons

- Core Azure architectural components
- Azure compute and networking services
- Azure storage services
- Azure identity, access, and security

Lab : Explore the Microsoft Learn sandbox

Lab : Create an Azure resource

Lab : Create an Azure virtual machine

Lab : Configure network access

Lab : Create a storage blob

After completing this module, students will be able to:

- Describe the core architectural components of Azure.
- Describe Azure compute and networking services.
- Describe Azure storage services.
- Describe Azure identity, access, and security.

Module 3: Core Solutions

In this module, you'll learn about the management and governance resources available to help you manage your cloud and on-premises resources.

Lessons

- Cost management in Azure
- Features and tools in Azure for governance and compliance
- Feature and tools for managing and deploying Azure resources
- Monitoring tools in Azure

Lab : Configure a resource lock

Lab : Compare workload costs using the Total Cost of Ownership calculator

Lab : Estimate workload costs using the Pricing calculator

After completing this module, students will be able to:

- Describe cost management in Azure.
- Describe features and tools in Azure for governance and compliance.
- Describe features and tools for managing and deploying Azure resources.
- Describe monitoring tools in Azure.