
AZ-900T00 Microsoft Azure Fundamentals

Overview

This two-day course will provide foundational level knowledge on core Azure concepts; core Azure services; core solutions and management tools; general security and network security; governance, privacy, and compliance features; Azure cost management and service level agreements. Note: This course provides an Azure pass and time for students to participate in hands-on labs. If you do not need hands-on experience, consider the AZ-900T01: Microsoft Azure Fundamentals (1 day) course. The content for both courses align to the AZ-900 exam objective domain.

Prerequisite Comments

There are no prerequisites for taking this course. However, the more technical knowledge you have, the more you will understand about the cloud.

Target Audience

This course is suitable for IT personnel who are just beginning to work with Azure. This audience wants to learn about our offerings and get hands-on experience with the product. This course primarily uses the Azure portal to create services and does not require scripting skills. Students in this course will gain confidence to take other role-based courses and certifications, such as Azure Administrator. This course provides an Azure pass and optional lab environment. This course combines lecture, demonstrations, and hands-on labs. This course will also help prepare someone for the AZ-900 exam.

Course Objectives

Please refer to overview.

Course Outline

1 - Describe core Azure concepts

Introduction to Azure fundamentals
Discuss Azure fundamental concepts
Describe core Azure architectural components

2 - Describe core Azure services

Explore Azure database and analytics services
Explore Azure compute services
Explore Azure Storage services
Explore Azure networking services

3 - Describe core solutions and management tools on Azure

Choose the best AI service for your needs
Choose the best tools to help organizations build better solutions
Choose the best monitoring service for visibility, insight, and outage mitigation
Choose the best tools for managing and configuring your Azure environment
Choose the best Azure serverless technology for your business scenario
Choose the best Azure IoT service for your application

4 - Describe general security and network security features

Protect against security threats on Azure
Secure network connectivity on Azure

5 - Describe identity, governance, privacy, and compliance features

Secure access to your applications by using Azure identity services
Build a cloud governance strategy on Azure
Examine privacy, compliance, and data protection standards on Azure

6 - Describe Azure cost management and service level agreements

Plan and manage your Azure costs
Choose the right Azure services by examining SLAs and service lifecycle
