

AZ-900 Azure Fundamentals

Course Syllabus

Module 1 - Describe core Azure concepts

This module introduces you to the basics of cloud computing and Azure, and how to get started with Azure's subscriptions and accounts. You'll learn about the advantages of using cloud computing services, learn to differentiate between the categories and types of cloud computing, and examine the various concepts, resources, and terminology that are necessary to work with Azure architecture.

Lesson 1 - Learning Objectives

Lesson 2 - Introduction to Azure fundamentals

Lesson 3 - Discuss Azure fundamental concepts

Lesson 4 - Describe core Azure architectural components

Lesson 5 - Module 1 Review Questions

Lesson 6 - Module 1 Summary

Module 2 - Describe core Azure services

In this module, learn about core services available with Microsoft Azure.

Lesson 1 - Learning Objectives

Lesson 2 - Explore Azure database and analytics services

Lesson 3 - Explore Azure compute services

Lesson 4 - Explore Azure Storage services

Lesson 5 - Explore Azure networking services

Lesson 6 - Module 2 Review Questions

Lesson 7 - Module 2 Summary

Module 3 - Describe core solutions and management tools on Azure

Core solutions encompass a wide array of tools and services from Microsoft Azure. In this module, you'll be introduced to many of these tools and services, and will be asked to help choose the best one for a given business scenario.

Lesson 1 - Learning Objectives

Lesson 2 - Choose the best AI service for your needs

Lesson 3 - Choose the best tools to help organizations build better solutions

Lesson 4 - Choose the best monitoring service for visibility, insight, and outage mitigation

Lesson 5 - Choose the best tools for managing and configuring your Azure environment

Lesson 6 - Choose the best Azure serverless technology for your business scenario

Lesson 7 - Choose the best Azure IoT service for your application

Lesson 8 - Module 3 Review Questions

Lesson 9 - Module 3 Summary

Module 4 - Describe general security and network security features

In this module you'll learn about general security and network security features, and learn about how you

can use the various Azure services to help ensure that your cloud resources are safe, secure, and trusted.

Lesson 1 - Learning Objectives

Lesson 2 - Protect against security threats on Azure

Lesson 3 - Secure network connectivity on Azure

Lesson 4 - Module 4 Review Questions

Lesson 5 - Module 4 Summary

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

In this module you'll learn about identity, governance, privacy, and compliance features. You'll learn how Azure can help you secure access to cloud resources, what it means to build a cloud governance strategy, and

how Azure adheres to common regulatory and compliance standards.

Lesson 1 - Learning Objectives

Lesson 2 - Secure access to your applications by using Azure identity services

Lesson 3 - Build a cloud governance strategy on Azure

Lesson 4 - Examine privacy, compliance, and data protection standards on Azure

Lesson 5 - Module 5 Review Questions

Lesson 6 - Module 5 Summary

Module 6 - Describe general security and network security features

Learn about the factors that influence cost, tools you can use to help estimate and manage your cloud spend, and how Azure's service-level agreements (SLAs) can impact your application design decisions.

Lesson 1 - Learning Objectives

Lesson 2 - Plan and manage your Azure costs

Lesson 3 - Choose the right Azure services by examining SLAs and service lifecycle

Lesson 4 - Module 6 Review Questions

Lesson 5 - Module 6 Summary