



Course Title: AZ-900T00 Microsoft Azure Fundamentals	Course Duration: 1.0 Day
Exam: Not Included	Exam Type: Proctored Exam
Qualification: Microsoft Certified: Azure Fundamentals	

Course Syllabus

1 - Describe cloud computing

- What is cloud computing
- Describe the shared responsibility model
- Define cloud models
- Describe the consumption-based model

2 - Describe the benefits of using cloud services

- Describe the benefits of high availability and scalability in the cloud
- Describe the benefits of reliability and predictability in the cloud
- Describe the benefits of security and governance in the cloud
- Describe the benefits of manageability in the cloud

3 - Describe cloud service types

- Describe Infrastructure as a Service
- Describe Platform as a Service
- Describe Software as a Service

4 - Describe the core architectural components of Azure

- What is Microsoft Azure
- Get started with Azure accounts
- Describe Azure physical infrastructure
- Describe Azure management infrastructure

5 - Describe Azure compute and networking services

- Describe Azure Virtual Machines
- Describe Azure Virtual Desktop
- Describe Azure Containers
- Describe Azure Functions
- Describe application hosting options
- Describe Azure Virtual Networking
- Describe Azure Virtual Private Networks
- Describe Azure ExpressRoute
- Describe Azure DNS



6 - Describe Azure storage services

- Describe Azure storage accounts
- Describe Azure storage redundancy
- Describe Azure storage services
- Identify Azure data migration options
- Identify Azure file movement options

7 - Describe Azure identity, access, and security

- Describe Azure directory services
- Describe Azure authentication methods
- Describe Azure external identities
- Describe Azure conditional access
- Describe Azure role-based access control
- Describe zero trust model
- Describe defense-in-depth
- Describe Microsoft Defender for Cloud

8 - Describe cost management in Azure

- Describe factors that can affect costs in Azure
- Compare the Pricing and Total Cost of Ownership calculators
- Describe the Microsoft Cost Management tool
- Describe the purpose of tags

9 - Describe features and tools in Azure for governance and compliance

- Describe the purpose of Microsoft Purview
- Describe the purpose of Azure Policy
- Describe the purpose of resource locks
- Describe the purpose of the Service Trust portal

10 - Describe features and tools for managing and deploying Azure resources

- Describe tools for interacting with Azure
- Describe the purpose of Azure Arc
- Describe Azure Resource Manager and Azure ARM templates

11 - Describe monitoring tools in Azure

- Describe the purpose of Azure Advisor
- Describe Azure Service Health
- Describe Azure Monitor

Course Overview

This course introduces learners to cloud concepts, core Azure services, security, compliance, privacy, pricing, and support. It provides a foundational understanding of Microsoft Azure and prepares learners for the AZ-900 certification exam.

Course Learning Outcomes



By the end of this course, learners will be able to explain cloud computing concepts, understand core Azure services such as compute, storage, and networking, describe Azure pricing, support, and service-level agreements (SLAs), understand basic security, compliance, privacy, and trust in Azure, and navigate the Azure portal to deploy and manage resources. These skills provide a solid foundation for further Azure and cloud certifications.

Audience

Beginners in cloud computing, IT professionals, business stakeholders, students, or anyone looking to gain foundational knowledge in Microsoft Azure

Entry-Level Requirements

The AZ-900 Microsoft Azure Fundamentals is appropriate for someone looking to use Azure in a professional workspace or environment. But do make sure to note any prerequisites, read the course outline to ensure it is the right fit for you or your teams requirements and preferences.

Recommended Reading

Microsoft Learn: Azure Fundamentals

What's Included

Instructor-led training, hands-on labs in Azure Portal, course slides, and exam preparation guide

Exam Information

This course prepares learners for the **AZ-900: Microsoft Azure Fundamentals Certification Exam**. The exam tests knowledge of cloud concepts, core Azure services, security, privacy, compliance, pricing, and support. It includes multiple-choice and scenario-based questions. Successful completion results in the official Azure Fundamentals certification.

What's Next

After completing AZ-900, learners can progress to role-based Azure certifications such as **AZ-104 (Azure Administrator)**, **AZ-204 (Azure Developer)**, or **AZ-305 (Azure Solutions Architect)** for deeper technical expertise.

Additional Information

There are no prerequisites for taking this course. Familiarity with cloud computing is helpful, but isn't necessary.