



AZ-900T01: Microsoft® Azure® Fundamentals

Duration: 1 Day

Method: Instructor-Led Training (ILT) | Live Online Training

Certification: Microsoft Certified Azure Fundamentals —
Exam: AZ-900: Microsoft Azure Fundamentals

Course Description

This course will provide foundational level knowledge of cloud services and how those services are provided with Microsoft Azure. It can be taken as an optional first step in learning about cloud services and Microsoft Azure, before taking further Microsoft Azure or Microsoft cloud services courses. The course will cover general cloud computing concepts as well as general cloud computing models and services such as Public, Private and Hybrid cloud and Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS) and Software-as-a-Service (SaaS). It will also cover some core Azure services and solutions, as well as key Azure pillar services concerning security, privacy, compliance, and trust. Finally, it will also cover pricing and support services available with Azure.

NOTE: This course does not provide an Azure pass or time for students to participate in hands-on labs. If you are interested in a more interactive hands-on lab experience, consider the AZ-900T00: Microsoft Azure Fundamentals (2 days) course, which includes trainer-directed hands-on labs. The content for both courses aligns to the AZ-900 exam objective domain.

Target Audience

This course is intended for:

- Administrator
- AI Engineer
- Data Analyst
- Data Engineer
- Data Scientist
- Database Administrator
- Developer
- Security Engineer
- Anyone that wants to learn more about Microsoft Azure.



Prerequisites

There are no pre-requisites for taking this course. However, it would be beneficial if participants have some general IT knowledge or experience.

NOTE: *The more technical knowledge a participant has the more they will understand about the cloud.*

Course Objectives

Upon successful completion of this course, attendees will be able to:

- Understand general cloud computing concepts.
- Understand core services available with Microsoft Azure.
- Understand security, privacy, compliance, and trust with Microsoft Azure.
- Understand pricing and support models available with Microsoft.

Course Topics

Module 1: Cloud Concepts

- Learning Objectives
- Why Cloud Services?
- Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS) and Software-as-a-Service (SaaS)
- Public, Private, and Hybrid Cloud Models

Module 4: Azure Pricing and Support

- Azure Subscriptions
- Planning and Managing Costs
- Support Options Available with Azure
- Service Lifecycle in Azure

LABS INCLUDED

Module 2: Core Azure Services

- Core Azure Architectural Components
- Core Azure Services and Products
- Azure Solutions
- Azure Management Tools

Module 3: Security, Privacy, Compliance and Trust

- Securing Network Connectivity in Azure
- Core Azure Identity Services
- Security Tools and Features
- Azure Governance Methodologies
- Monitoring and Reporting in Azure
- Privacy, Compliance and Data Protection Standards in Azure

