



## AZ-900T01A: Microsoft Azure Fundamentals (1 Day)

### Course Details

**Course Code:** AZ-900T01A

**Duration:** 1 day

#### Notes:

- This course syllabus should be used to determine whether the course is appropriate for the students, based on their current skills and technical training needs.
- Course content, prices, and availability are subject to change without notice.
- Terms and Conditions apply

*Elements of this syllabus are subject to change.*

#### About this course

This one-day course will provide foundational level knowledge on cloud concepts; core Azure services; security, privacy, compliance, and trust; and Azure pricing and support.

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 day) course, which includes trainer-directed hands-on labs. The content for both courses align to the AZ-900 exam objective domain.

#### Audience Profile

This course is suitable for program managers and technical sales, with a general IT background. These students want to learn about our offerings, see how components are implemented, and ask questions about products and features. This course does not provide an Azure pass or time in the classroom for students to do any hands-on activities. Students can get a free trial and do the walkthroughs outside of class. This course is primarily lecture and demonstrations. This course will help prepare someone for the AZ-900 exam.

#### At Course Completion

After completing this course, students 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

#### Prerequisites

There are no pre-requisites for taking this course. Technical IT experience is not required however some general IT knowledge or experience would be beneficial.

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**Module 1: Cloud Concepts**

In this module you will learn basic cloud concepts.

**Lessons**

- 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

After completing this module, students will be able:

- Understand general cloud computing concepts

**Module 2: Core Azure Services**

In this module you will learn the basics core services available with Microsoft Azure.

**Lessons**

- Core Azure architectural components
- Core Azure Services and Products
- Azure Solutions
- Azure management tools

After completing this module, students will be able:

- Understand core services available with Microsoft Azure

**Module 3: Security, Privacy, Compliance and Trust**

In this module, you learn about security, privacy, compliance, and trust with Microsoft Azure.

**Lessons**

- 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

After completing this module, students will be able:

- Understand security, privacy, compliance and trust with Microsoft Azure

**Module 4: Azure Pricing, Service Level Agreements (SLAs), and Lifecycle**

In this module, you will focus on pricing and support models available with Microsoft.

**Lessons**

- Azure subscriptions
- Planning and managing costs
- Service lifecycle in Azure

After completing this module, students will be able:

- Understand pricing and support lifecycle models available with Microsoft