

# **AZ-900: Microsoft Azure Fundamentals**

## **AZ-900T01-A: Microsoft Azure Fundamentals**

### **Course Outline**

#### **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 and Support**

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

##### **Lessons**

- Azure subscriptions
- Planning and managing costs
- Support options available with Azure
- Service lifecycle in Azure

After completing this module, students will be able:

- Understand pricing and support models available with Microsoft