# Microsoft Azure Fundamentals
## Exam AZ-900 | 1-Day Workshop

## Audience Profile

This course is suitable for program managers and technical sales, with a general IT background. You want to learn about Azure 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 you for the AZ-900 exam.

## 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.

**Course Duration:** 1 Day

### At Course Completion

After completing this course, you will:

- 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 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 to:

- Understand general cloud computing concepts

## Module 2: Core Azure Services

In this module, you will learn the basics of 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 to:

- 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, you will:

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

## Module 4: Azure Pricing and Support

In this module, you will learn Azure pricing and support models available with Microsoft Azure.

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

After completing this module, you will:

- Understand pricing and support models available with Microsoft Azure.