# Introduction to Cloud Infrastructure (AZ-900)

## Duration: 1 Day  Course Code: M-AZ900

## Overview:

**This course will provide foundational level knowledge on cloud concepts.**
AZ-900 is designed to provide foundational knowledge of cloud computing and Microsoft Azure services. It introduces learners to core cloud concepts, Azure architecture, and essential management and governance capabilities, serving as the ideal starting point for an Azure learning journey. The course enables participants to understand how Azure delivers compute, networking, and storage services, alongside the tools and features used to secure, manage, and monitor cloud environments.
*Updated 6/2026*

## Target Audience:

This course is suitable for IT personnel who are just beginning to work with Azure. This audience wants to learn about our offerings and get hands-on experience with the product. This course primarily uses the Azure portal and command line interface to create resources and does not require scripting skills. Students in this course will gain confidence to take other role-based courses and certifications, such as Azure Administrator. This course combines lecture, demonstrations, and hands-on labs. This course will also help prepare someone for the AZ-900 exam.

## Objectives:

- Students will learn:
- Cloud concepts: deployment models, service types, and benefits
- Core Azure services: compute, networking, storage, and databases
- Azure architecture: regions, resources, subscriptions, and management groups
- Security, compliance, and identity fundamentals
- Azure management, governance, and cost management tool

## Prerequisites:

Basic understanding of general IT concepts is helpful.

## Testing and Certification

Microsoft Certified: Azure Fundamentals

## Content:

Module 1: Describe cloud concepts

- Describe cloud computing
- Describe the benefits of using cloud services
- Describe cloud service types

Module 2: Describe Azure architecture and services

- Describe the core architectural components of Azure
- Describe Azure compute servicesDescribe Azure networking services
- Describe Azure storage services
- Describe Azure identity, access, and security

Module 3: Describe Azure management and governance

- Describe cost management in Azure
- Describe features and tools in Azure for governance and compliance
- Describe features and tools for managing and deploying Azure resources

Describe monitoring tools in Azure

## Further Information:

For More information, or to book your course, please call us on 0800/84.009

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