

**Microsoft Azure Fundamentals (AZ-900)**

**Course Number:** MOC-AZ-900
**Duration:** 1 day

**Overview**

This Microsoft Azure Fundamentals training (course AZ-900) teaches attendees basic cloud concepts, including core Azure services, Azure management, and governance features and tools. This course prepares students for the [AZ-900 exam](https://docs.microsoft.com/en-us/learn/certifications/exams/AZ-900) for which every attendee receives a voucher.

**Prerequisites**

No prior experience is presumed. Familiarity with cloud computing is helpful but not necessary.

**Materials**

All Microsoft Azure training students receive Microsoft official courseware.

For all Microsoft Official Courses taught in their entirety that have a corresponding certification exam, an exam voucher is included for each participant.

**Software Needed on Each Student PC**

Attendees will not need to install any software on their computers for this class. The class will be conducted in a remote environment that Accelebrate will provide; students will only need a local computer with a web browser and a stable Internet connection. Any recent version of Microsoft Edge, Mozilla Firefox, or Google Chrome will work well.

**Objectives**

* Understand cloud concepts, deployment models, and shared responsibility in the cloud
* Understand the benefits cloud computing can offer organizations
* Understand the different cloud service types, use cases, and benefits aligned with each service type
* Create an Azure resource
* Configure network access and create an Azure Virtual Machine
* Create a storage blob
* Understand the authorization and authentication methods available with Azure
* Estimate workload costs by using the Pricing calculator
* Configure a resource lock
* Work with the tools to monitor the Azure environment

**Outline**

* Introduction to Cloud Computing
* Benefits of Using Cloud Services
* Cloud Service Types
* Core Architectural Components of Azure
* Azure Compute and Networking Services
* Azure Storage Services
* Azure identity, access, and security
* Describe Cost Management in Azure
* Features and Tools in Azure for Governance and Compliance
* Features and Tools for Managing and Deploying Azure Resources
* Monitoring Tools in Azure
* Conclusion