

AZ-900 Microsoft Azure Fundamentals

About Course

Sunshine Learning & Technologies, ensure you that you'll have all the teaching and resources available to introduce you to **Microsoft Azure**. To support your Azure learning we have created practical labs to strengthen your base to become familiar with the Azure portals. These labs not only help you in practice but also, relevant and applicable to real-life scenarios, as best as possible. We have also paired our lessons with additional resources available in the **Microsoft Learn**. Microsoft AZ-900 Certification is Intended to cover the foundational knowledge needed to understand Microsoft's Azure offering. The Courses in this path cover the basics when it comes to the products and services a Microsoft Azure subscription provides. This is an excellent starting point for those looking to get started in working with cloud services and solutions in the Azure space. These courses can also help you prepare for the Microsoft's AZ-900: Microsoft Azure Fundamentals Certification exam.

AZ – 900 Microsoft Azure Fundamentals Training Curriculum

Microsoft Overview :-

Topics:

- Introduction
- Microsoft Services
- Accessing Microsoft Services
- AZ – 900 Introduction

Cloud Concepts

Topics:

- Cloud Concepts
- Amazon Machine Image
- Elasticity
- Scalability
- Scalability and Elasticity
- High Availability (HA) and Service Level Agreements (SLAs)
- Cloud Service Models
- Cloud Economics
- Cloud Deployment Models
- Demo – Create Azure Trial Account

Azure Core Services

Topics:

- Azure Core Services (Overview)
- Demo – Overview of Azure Portal
- Azure Regions
- Resource Groups
- Demo - Resource Groups
- Azure Resource Manager (ARM)

Compute

Topics:

- Azure Virtual Machines
- Create a VM
- Connect to a Windows VM
- VM Availability
- Availability Zones
- App Services
- Demo - App Service Plan
- Demo - Deploy Web App
- Containers
- Serverless Computing
- Comparing Compute Options

Networking

Topics:

- Networking Overview
- Demo – Virtual Networks (VNets) and SubNets
- Hybrid Connectivity
- Load Balancers
- Demo - Load Balancing
- Content Delivery Network (CDN)
- Demo - Content Delivery Network (CDN)

Data & Storage Services

Topics:

- Types of Data
- Azure SQL
- Cosmos DB
- Azure Storage
- VM Disk Storage
- Storage Account Overview
- Storage Account via Azure Portal

Other Services

Topics:

- IOT Services
- Big Data Services
- Machine Learning

Accounts and Identity

Topics:

- Accounts and Subscriptions Overview
- Domain Services
- Azure AD
- RBAC
- Demo – RBAC
- Azure Policy
- Demo - Azure Policy
- Resource Locks
- Demo – Resource Locks

Compliance, Security, & Cost

Topics:

- Compliance & Security
- Security Center
- Demo – Security Center
- Walkthrough - Pricing Calculator and Azure Advisor
- Support Plans PDF

AZ – 900 Course Outro

- Congratulations on completing the course!

Hands On :-

There will be separate Hands-On on each topic.