

COURSE OUTLINE



Course Name: Microsoft Azure Fundamentals

Course Code: MS-AZ900T00

DELIVERY	SKILL LEVEL	DELIVERY METHOD	TRAINING CREDITS	TECHNOLOGY
1 Day	Beginner	In Class/VILT	N/A	Microsoft

Course Overview

This course will provide foundation level knowledge of cloud services and how those services are provided with Microsoft Azure. The course can be taken as an optional first step in learning about cloud services courses. The course will cover general cloud computing concepts as well as general cloud computing models and services such as Public, Private and Hybrid cloud and Infrastructure-as-a-Service (IaaS), Platforms- as-Service (PaaS) and Software-as-a-Service (SaaS). It will also cover some core Azure services and solutions, as well as key Azure pillar services concerning security, privacy, compliance and trust. It will finally cover pricing and support services available with Azure.

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.

Audience

There are no pre-requisites for taking this course. It is targeted for anyone that wants to learn more about Microsoft Azure.

Course Objectives

After completing this course, students will be able to:

- 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 content

Module 1: Cloud Concept

In this module you will learn basic cloud concepts.

Lesson 1: Learning objectives

Lesson 2: Why Cloud Services?

Lesson 3: Infrastructure-as-a-Service (IaaS), Platform-as-a-Service (PaaS) and Software-as-a-Service (SaaS)

Lesson 3: Public, Private, and Hybrid cloud models

Module 2: Core Azure Services

In this module you will learn the basics core services available with Microsoft Azure.

Lesson 1: Core Azure architectural components

Lesson 2: Core Azure Services and Products

Lesson 3: Azure Solutions

Lesson 4: Azure management tools

Module 3: Security, Privacy, Compliance and Trust

In this module, you learn about security, privacy, compliance and trust with Microsoft Azure.

Lessons 1: Securing network connectivity in Azure.

Lesson 2: Core Azure Identity services

Lesson 3: Azure governance methodologies

Lesson 4: Monitoring and Reporting in Azure

Lesson 5: Privacy, Compliance and Data Protection standards in Azure

Module 4: Azure Pricing and Support

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

Lesson 1: Azure Subscriptions

Lesson 2: Planning and managing costs

Lesson 3: Support options available with Azure

Lesson 4: Service lifecycle in Azure

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