

AZ-900T01 Microsoft Azure Fundamentals

Price
\$99.00

Duration
1 Day

Delivery Methods
VILT, Private Group



This class includes a free Microsoft exam voucher.

This course will provide foundational 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 and Microsoft Azure, before taking further Microsoft Azure or Microsoft cloud services courses. This class is the first step on your Azure certification journey.

Who Should Attend

This course is targeted for anyone that wants to learn more about Microsoft Azure or is looking for Azure certification.

Course Objectives

After completing this course, students will be able to:

- Discuss the basics of cloud computing and Azure, and how to get started with Azure's subscriptions and accounts.
- Describe the advantages of using cloud computing services, learning to differentiate between the categories and types of cloud computing, and how to examine the various concepts, resources, and terminology that are necessary to work with Azure architecture.
- Outline the core services available with Microsoft Azure.
- Discuss the core solutions that encompass a wide array of tools and services from Microsoft Azure.
- Describe the general security and network security features, and how you can use the various Azure services

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to help ensure that your cloud resources are safe, secure, and trusted.

- Discuss the identity, governance, privacy, and compliance features, and how Azure can help you secure access to cloud resources, what it means to build a cloud governance strategy, and how Azure adheres to common regulatory and compliance standards.
- Discuss the factors that influence cost, tools you can use to help estimate and manage your cloud spend, and how Azure's service-level agreements (SLAs) can impact your application design decisions.

Agenda

1 - CLOUD CONCEPTS

- Introduction to Azure fundamentals
- Fundamental Azure concepts

2 - CORE AZURE SERVICES

- Core Azure architectural components
- Core Azure workload products
- Azure networking services
- Azure storage services
- Azure database services

3 - CORE SOLUTIONS

- Choose the best Azure IoT service
- Choose the best AI service
- Choose the best Azure serverless technology
- Choose the best tools with DevOps and GitHub
- Choose the best management tools
- Choose the best Azure monitoring service

4 - GENERAL SECURITY AND NETWORKING FEATURES

- Security Tools and Features
- Secure Network Connectivity

5 - IDENTITY, GOVERNANCE, PRIVACY, AND COMPLIANCE

- Core Azure identity services
- Azure Governance Methodologies
- Privacy, Compliance, and Data Protection standards

6 - AZURE PRICING AND LIFECYCLE

- Planning and Cost Management
- Azure Service Level Agreements (SLAs) and Lifecycle