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Azure

AZ-900T01: Microsoft Azure Fundamentals

$695.00

- 1 Day
- Official Microsoft Course
- Exam AZ-900
- New Role-Based Certification Training

Upcoming Dates

Course Description

This is an introductory course. It 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.

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), Platform-as-a-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.

Course Outline

Learning Path 1 – Describe Cloud Concepts

In this module, you'll take an entry-level end-to-end look at cloud concepts, which will provide you with a solid foundation for completing the available modules for Azure fundamentals.

Modules:

- Cloud Computing
- Cloud Benefits
- Cloud service types

After completing this Learning Path, students will be able to:

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

Learning Path 2 – Describe Azure Architecture and services

This learning path explores Microsoft Azure, it architecture, and some of the most commonly used services and resources.

Modules:

- Core Azure architectural components
- Azure compute and networking services
- Azure storage services
- Azure identity, access, and security

After completing this Learning Path, students will be able to:

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

Learning Path 3 – Describe Core Solutions.

In this Learning Path, you'll learn about the management and governance resources available to help you manage your cloud and on premises resources.

Modules:

- Cost management in Azure
- Features and tools in Azure for governance and compliance
- Feature and tools for managing and deploying Azure resources
- Monitoring tools in Azure

After completing this Learning Path, students will be able to:

- 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.

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.

Prerequisites

There are no prerequisites for taking this course. Familiarity with cloud computing is helpful, but isn't necessary.

What You Will Learn

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