Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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AZ-900T00: Microsoft Azure Fundamentals

CODE:	LENGTH:
MCS_AZ-900T00	8 Hours (1 day)

Description

This course will provide foundational level knowledge on cloud concepts; core Azure services; and Azure management and governance features and tools.

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.

Programme

Module 1: 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.

Lessons
- Cloud Computing
- Cloud benefits
- Cloud service types

After completing this module, students will be able to:
- Describe cloud computing.
- Describe the benefits of using cloud services.
- Describe cloud service types.

Module 2: Azure Architecture and Services
This module explores Microsoft Azure, its architecture, and some of the most commonly used services and resources.

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

Lab : Explore the Microsoft Learn sandbox
Lab : Create an Azure resource
Lab : Create an Azure virtual machine
Lab : Configure network access
Lab : Create a storage blob

After completing this module, 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.

Module 3: Core Solutions
In this module, you'll learn about the management and governance resources available to help you manage your cloud and on-premises resources.

Lessons
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

Lab : Configure a resource lock
Lab : Compare workload costs using the Total Cost of Ownership calculator
Lab : Estimate workload costs using the Pricing calculator

After completing this module, 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.

Additional Information

This training is also available as onsite training. Please contact us to find out more.