

AZ-900

Microsoft Azure Fundamentals

Description:

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.

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 requirements:

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.

This course is intended for:

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

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.

Literature:

All participants will receive original Microsoft student materials and access to labs.

Hardware:

Classrooms are equipped with high-performance computers with Internet access and the possibility of wireless connection.

Syllabus:

Module 1 - Cloud concepts

- Lesson 1 - Cloud computing
- Lesson 2 - Cloud benefits

- Lesson 3 - Cloud service types

Module 2 - Azure architecture and services

- Lesson 1 - Azure architectural components
- Lesson 2 - Compute and Networking
- Lesson 3 - Storage
- Lesson 4 - Identity, Access, and Security

Module 3 - Management and governance

- Lesson 1 - Cost management
- Lesson 2 - Governance and compliance
- Lesson 3 - Management and deployment tools
- Lesson 4 - Monitoring tools

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