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Learning Style: On Demand

Provider: Microsoft

Difficulty: Beginner

Course Duration: 8 Hours

Microsoft Azure Fundamentals (AZ-900)



This course is for professionals planning to enroll in the AZ-900 Exam leading to the AZ-900 Certification. The official exam voucher is not included in this course. However, the official exam voucher can be purchased separately on request

About this Course:

The beginner-level course is designed for IT Professionals and Azure Developers and provides an in-depth overview of Microsoft Azure Cloud Services. The key features and functionalities of Microsoft Azure are elaborated in this course and it provides professionals with the foundational knowledge of Microsoft Azure and Cloud Computing. The teachings discuss the key concepts of cloud computing including Cloud Computing services & models such as Hybrid, Private, Public, and Platform-as-a-Service (PaaS), Infrastructure-as-a-Service (IaaS), and Software-as-a-Service (SaaS).

Professionals will get to learn about Microsoft Azure Services & Solutions and will also get to know about key service pillars relating to Trust, Compliance, Privacy, and Security. Microsoft Azure Subscriptions and Support Models are also comprehensively discussed in this course. The primary objective of this course is to train and prepare candidates for success in the AZ-900 Certification Exam.

Course Objectives:

The core objective of this course is to help professionals develop a better understanding and sound knowledge of the following key concepts:

- General Concepts of Cloud Computing
- Microsoft Azure Available Core Services Essentials
- Microsoft Azure Privacy, Trust, Compliance, and Security Fundamentals
- Fundamental Knowledge of Support Models and Subscription Available in Microsoft

Audience:

This course is specifically tailored for the following group of professionals and interested candidates:

- IT Professionals & Experts
- Azure Developers

Prerequisites:

There are no prerequisites for this course. Professionals planning to enroll in the Microsoft Azure Fundamentals (AZ-900) course are recommended to have a general knowledge of IT and some technical experience.

Course Outline:

Cloud Concepts

- Learning Objectives
- Why Cloud Services
- Types of Cloud models
- Types of Cloud Services
- Module 1 Review Questions
- Module 1 Summary

Core Azure Services

- Learning Objectives
- Core Azure Architectural components
- Core Azure Services and Products
- Azure Solutions
- Azure Management Tools
- Module 2 Review Questions
- Module 2 Summary

Security, Privacy, Compliance and Trust

- Learning Objectives
- Securing network connectivity in Azure
- Core Azure Identity services
- Security Tools and Features
- Azure Governance methodologies
- Monitoring and Reporting in Azure
- Privacy, Compliance and Data Protection standards in Azure
- Module 3 Review Questions
- Module 3 Summary

Azure Pricing and Support

- Learning Objectives
- Azure Subscriptions
- Planning and Managing costs
- Support Options Available with Azure
- Azure Service Level Agreements (SLAs)
- Service Lifecycle in Azure
- Module 4 Review Questions
- Module 4 Summary

Final Exam

- Graded Final Exam

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