AZ-900T00 - Microsoft Azure Fundamentals (2 Days)

Microsoft - Microsoft Azure - Virtualizzazione e Cloud

Durata:	Lingue:	Certificazione:
2 Giorni	**Italiano**	**Microsoft Certified: Azure Fundamentals**

Descrizione del corso

This two-day course will provide foundational level knowledge on cloud concepts; core Azure services; security, privacy, compliance, and trust; and Azure pricing and support. Note: This course provides an Azure pass and time for students to participate in hands-on labs. If you do not need hands-on experience, consider the AZ-900T01: Microsoft Azure Fundamentals (1 day) course. This course is preparatory to the Exam AZ-900: Microsoft Azure Fundamentals valid for Microsoft Certified: Azure Fundamentals

Programma

Module 1: Cloud Concepts

- Why Cloud Services?
- Types of Cloud models
- Types of Cloud services

Module 2: Core Azure Services

- Core Azure architectural components
- Core Azure Services and Products
- Azure Solutions
- Azure management tools
- Lab : Walkthrough: Create a virtual machine
- Lab : Walkthrough: Deploy Azure container instances
- Lab : Walkthrough: Create a virtual network

- Lab : Walkthrough: Create blob storage
- Lab : Walkthrough: Create a SQL database
- Lab : Waltkthrough: Implement an Azure IoT Hub
- Lab : Walkthrough: Implement Azure Functions
- Lab : Walkthrough: Create a web app
- Lab : Walkthrough: Create a VM with a Template
- Lab : Walkthrough: Create a VM with PowerShell
- Lab : Walkthrough: Create a VM with CLI

Module 3: Security, Privacy, Compliance and Trust

- 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
- Lab : Walkthrough: Secure network traffic
- Lab : Walkthrough: Implement Azure key vault
- Lab : Walkthrough: Create an Azure Policy
- Lab : Walkthrough: Manage access with RBAC
- Lab : Walkthrough: Manage resource locks
- Lab : Walkthrough: Implement resource tagging
- Lab : Walkthrough: Exploring the Trust Center

Module 4: Azure Pricing and Support

- Azure subscriptions
- Planning and managing costs
- Support options available with Azure
- Service lifecycle in Azure
- Lab : Walkthrough: Use the Azure Pricing Calculator
- Lab : Walkthrough: Use the Azure TCO Calculator
- Lab : Walkthrough: Open a Support request
- Lab : Walkthrough: Calculate composite SLAs
- Lab : Walkthrough: Access Azure Preview features