Training: Microsoft
AZ-104T00: Microsoft Azure Administrator

Microsoft Partner

TRAINING GOALS:

This course teaches IT Professionals how to manage their Azure subscriptions, secure identities, administer the infrastructure, configure virtual networking, connect Azure and on-premises sites, manage network traffic, implement storage solutions, create and scale virtual machines, implement web apps and containers, back up and share data, and monitor your solution.

Audience Profile:
This course is for Azure Administrators who implement, manage, and monitor identity, governance, storage, compute, and virtual networks in a cloud environment. Successful Azure Administrators start this role with experience in virtualization, networking, identity, and storage.

Skills earned upon completion:

- Manage identities and governance in Azure
- Configure virtual networks with Azure
- Monitor and back up resources in Azure

CONSPECT:

- Prerequisites for Azure administrators
  - Module 1: Introduction to Azure Cloud Shell
  - Module 2: Deploy Azure infrastructure by using JSON ARM templates
- Manage identities and governance in Azure
  - Module 1: Understand Microsoft Entra ID
  - Module 2: Create, configure, and manage identities
  - Module 3: Describe the core architectural components of Azure
  - Module 4: Azure Policy initiatives
  - Module 5: Secure your Azure resources with Azure role-based access control (Azure RBAC)

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    - Module 6: Allow users to reset their password with Microsoft Entra self-service password reset
- Configure and manage virtual networks for Azure administrators
    - Module 1: Configure virtual networks
    - Module 2: Configure network security groups
    - Module 3: Host your domain on Azure DNS
    - Module 4: Configure Azure Virtual Network peering
    - Module 5: Manage and control traffic flow in your Azure deployment with routes
    - Module 6: Introduction to Azure Load Balancer
    - Module 7: Introduction to Azure Application Gateway
    - Module 8: Introduction to Azure Network Watcher
- Implement and manage storage in Azure
    - Module 1: Configure storage accounts
    - Module 2: Configure Azure Blob Storage
    - Module 3: Configure Azure Storage security
    - Module 4: Configure Azure Files
- Deploy and manage Azure compute resources
    - Module 1: Introduction to Azure virtual machines
    - Module 2: Configure virtual machine availability
    - Module 3: Configure Azure App Service plans
    - Module 4: Configure Azure App Service
    - Module 5: Configure Azure Container Instances
- Monitor and back up Azure resources
    - Module 1: Introduction to Azure Backup
    - Module 2: Protect your virtual machines by using Azure Backup
    - Module 3: Monitor your Azure virtual machines with Azure Monitor

REQUIREMENTS:

Understanding of on-premises virtualization technologies (VMs, virtual networking, virtual hard disks), networking configurations (TCP/IP, DNS, VPNs, firewalls, encryption), Active Directory concepts (users, groups, RBAC), and resilience/disaster recovery (backup and restore operations).

Difficulty level



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CERTIFICATE:

The participants will obtain certificates signed by Microsoft (course completion). This course will help prepare you for the **Microsoft Certified: Azure Administrator Associate** certification exam (Exam AZ-104), which is available through the Pearson VUE test centers.

TRAINER:

Microsoft Certified Trainer (MCT)

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