Training: Microsoft
Azure Administrator Bootcamp

Microsoft Partner

TRAINING GOALS:

This course is a combination of the **AZ-900T00: Introduction to Cloud Infrastructure** and **AZ-104T00: Microsoft Azure Administrator courses**.

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:

- Introduction to Cloud Infrastructure: Describe cloud concepts
  - Module 1: Describe cloud computing
  - Module 2: Describe the benefits of using cloud services
  - Module 3: Describe cloud service types
- Introduction to Cloud Infrastructure: Describe Azure architecture and services
  - Module 1: Describe the core architectural components of Azure

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- Module 2: Describe Azure compute services
- Module 3: Describe Azure networking services
- Module 4: Describe Azure storage services
- Module 5: Describe Azure identity, access, and security

- Introduction to Cloud Infrastructure: Describe Azure management and governance
  - Module 1: Describe cost management in Azure
  - Module 2: Describe features and tools in Azure for governance and compliance
  - Module 3: Describe features and tools for managing and deploying Azure resources
  - Module 4: Describe monitoring tools in Azure
- AZ-104: Prerequisites for Azure administrators
  - Module 1: Introduction to Azure Cloud Shell
  - Module 2: Deploy Azure infrastructure by using JSON ARM templates
- AZ-104: 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)
  - Module 6: Allow users to reset their password with Microsoft Entra self-service password reset
- AZ-104: 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
- AZ-104: 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
- AZ-104: Deploy and manage Azure compute resources
  - Module 1: Introduction to Azure virtual machines

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- 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

- AZ-104: 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



CERTIFICATE:

The participants will obtain certificates signed by Microsoft (course completion).

This course will help prepare you for the **Microsoft Certified: Azure Fundamentals** certification exam (Exam AZ-900), which is available through the Pearson VUE test centers and 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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