

MICROSOFT OFFICIAL CURRICULUM

Microsoft

Azure Administrator Associate

AZ-104

As a candidate for this certification, you should have subject matter expertise in implementing, managing, and monitoring an organization's Microsoft Azure environment, including virtual networks, storage, compute, identity, security, and governance.

Cloud

Intermediate

Azure

DURATION

4 days

LEVEL

Intermediate

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

Microsoft Certified: Azure Administrator Associate

AUDIENCE PROFILE

Built for these roles

This course is for Azure Administrators. The Azure Administrator implements, manages, and monitors identity, governance, storage, compute, and virtual networks in a cloud environment. The Azure Administrator will provision, size, monitor, and adjust resources as appropriate. Successful Azure Administrators start this role with experience in virtualization, networking, identity, and storage. - Understanding of on-premises virtualization technologies, including: VMs, virtual networking, and virtual hard disks. - Understanding of network configurations, including TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls, and encryption technologies. - Understanding of Active Directory concepts, including users, groups, and role-based access control. - Understanding of resilience and disaster recovery, including backup and restore operations.

OVERVIEW

Executive overview

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.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Manage Azure identities and governance
- Implement and manage storage
- Deploy and manage Azure compute resources
- Implement and manage virtual networking

TRAINING PROVIDER

VNode ITeS

MICROSOFT CERTIFIED TRAINER

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OFFICE

DLF Cyber City, Gurugram

Haryana — India

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ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Builds current Microsoft credential readiness for Azure Administrator Associate using the official Microsoft Learn skill outline.

Customization options

- Align labs to your Microsoft tenant and workload scenarios
- Add readiness checks and exam preparation reviews
- Extend delivery with role-specific implementation workshops

CURRICULUM

Curriculum roadmap

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MODULE 1

AZ-104: Prerequisites for Azure administrators

AZ-104: Prerequisites for Azure administrators

- Introduction to Azure Cloud Shell
- Deploy Azure infrastructure by using JSON ARM templates

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MODULE 2

AZ-104: Manage identities and governance in Azure

AZ-104: Manage identities and governance in Azure

- Understand Microsoft Entra ID
- Create, configure, and manage identities
- Describe the core architectural components of Azure
- Azure Policy initiatives
- Secure your Azure resources with Azure role-based access control (Azure RBAC)
- Allow users to reset their password with Microsoft Entra self-service password reset

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MODULE 3

AZ-104: Configure and manage virtual networks for Azure administrators

AZ-104: Configure and manage virtual networks for Azure administrators

- Configure virtual networks
- Configure network security groups
- Host your domain on Azure DNS
- Configure Azure Virtual Network peering
- Manage and control traffic flow in your Azure deployment with routes
- Introduction to Azure Load Balancer
- Introduction to Azure Application Gateway
- Introduction to Azure Network Watcher

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MODULE 4

AZ-104: Implement and manage storage in Azure

AZ-104: Implement and manage storage in Azure

- Configure storage accounts
- Configure Azure Blob Storage
- Configure Azure Storage security
- Configure Azure Files

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MODULE 5

AZ-104: Deploy and manage Azure compute resources

Learn how to deploy and configure virtual machines, containers, and Web Apps in Azure.

- Introduction to Azure virtual machines
- Configure virtual machine availability
- Configure Azure App Service plans
- Configure Azure App Service
- Configure Azure Container Instances

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MODULE 6

AZ-104: Monitor and back up Azure resources

AZ-104: Monitor and back up Azure resources

- Introduction to Azure Backup
- Protect your virtual machines by using Azure Backup
- Monitor your Azure virtual machines with Azure Monitor

PRIVATE DELIVERY

Plan a private cohort for your team





Scope delivery format, role mix, and rollout timeline with our solutions team.

Plan Private Delivery

Book advisory call

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