

MICROSOFT OFFICIAL CURRICULUM

Microsoft

# Microsoft Azure Administrator

AZ-104T00

Official Microsoft Learn administrator course covering Azure subscriptions, identity, networking, storage, compute, backup, and monitoring responsibilities.

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 controls
- Configure and manage virtual networks and storage services
- Deploy and administer Azure compute resources
- Monitor, protect, and back up Azure workloads

TRAINING PROVIDER

**VNode ITeS**

MICROSOFT CERTIFIED TRAINER

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## ENTERPRISE CUSTOMIZATION

### Enterprise customization

Tailor this program to your organization's priorities: Builds operational Azure administration capability so teams can provision, secure, monitor, and optimize cloud environments more reliably.

#### Customization options

- Focus on administration tasks for your target Azure landing zone
- Add migration and operations scenarios specific to your environment
- Extend with governance and cost management practices

## 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

#### TALK TO US

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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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