

AZ-104T00: Microsoft Azure Administrator

COURSE DETAILS

Course Code:	AZ-104
Delivery Type:	Instructor-led
Duration:	4 days

PREREQUISITES

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.

Prerequisite courses (or equivalent knowledge and hands-on experience):

This free online training will give you the experience you need to be successful in this course.

- Microsoft Azure Fundamentals: Describe cloud concepts
 - Azure Fundamentals: Describe Azure architecture and services
 - Azure Fundamentals: Describe Azure management and governance
 - AZ-104: Prerequisites for Azure administrators - Learn | Microsoft Docs
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COURSE CONTENT

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.

COURSE OUTLINE

- Configure Azure Active Directory.
 - Configure user and group accounts.
 - Configure subscriptions.
 - Configure Azure Policy.
 - Configure role-based access control.
 - Configure Azure resources with tools.
 - Use Azure Resource Manager.
 - Configure resources with Azure Resource Manager templates.
 - Configure virtual networks.
 - Configure network security groups. .
 - Configure Azure Firewall.
 - Configure Azure DNS.
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- Configure Azure Virtual Network peering.
- Configure Azure VPN Gateway.
- Configure Azure ExpressRoute and Azure Virtual WAN.
- Configure network routing and endpoints.
- Configure Azure Load Balancer.
- Configure Azure Application Gateway.
- Configure storage accounts.
- Configure Azure Blob Storage.
- Configure Azure Storage security.
- Configure Azure Files and Azure File Sync.
- Configure Azure Storage with tools.
- Configure virtual machines.
- Configure virtual machine availability.
- Configure virtual machine extensions.
- Configure Azure App Service plans.
- Configure Azure App Service.
- Configure Azure Container Instances.
- Configure Azure Kubernetes Service.
- Configure file and folder backups.
- Configure virtual machine backups.
- Configure Azure Monitor.
- Configure Azure alerts.
- Configure Log Analytics.
- Configure Azure Network Watcher.

WHO SHOULD ATTEND

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.