MICROSOFT AZURE ADMINISTRATOR (AZ-104T00)

Course Code: 100763

The Azure Administrator implements, manages, and monitors identity, governance, storage, compute, and virtual networks in a cloud environment.

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.

What You'll Learn

Students will learn,

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

Who Needs to 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. 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.

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CLASSROOM LIVE	$2,595 USD	4 Day

Classroom Live Outline

Module 1: AZ-104: Prerequisites for Azure administrators

- Manage services with the Azure portal
- Introduction to Azure Cloud Shell
- Introduction to Bash
- Introduction to PowerShell
- Deploy Azure infrastructure by using JSON ARM templates

Module 2: AZ-104: Manage identities and governance in Azure

- Understand Microsoft Entra ID
- Create, configure, and manage identitiesDescribe 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

Module 3: 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
- Configure Azure Load Balancer
- Configure Azure Application Gateway
- Introduction to Azure Network Watcher

Module 4: AZ-104: Implement and manage storage in Azure

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

Module 5: AZ-104: Deploy and manage Azure compute resources

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

Classroom Live Labs

- Lab : Manage Azure Active Directory Identities
- Lab : Manage Subscriptions and RBAC
- Lab : Manage Governance via Azure Policy
- Lab : Manage Azure resources by Using ARM Templates
- Lab : Manage Azure resources by Using Azure PowerShell (Optional)
- Lab : Manage Azure resources by Using Azure CLI (Optional)
- Lab : Manage Azure resources by Using the Azure Portal
- Lab : Implement Virtual Networking
- Lab : Implement Intersite Connectivity
- Lab : Implement Traffic Management
- Lab : Manage Azure storage
- Lab : Manage virtual machines
- Lab : Implement Web Apps
- Lab : Implement Azure Kubernetes Service
- Lab : Implement Azure Container Instances
- Lab : Implement Data Protection
- Lab : Implement Monitoring

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VIRTUAL CLASSROOM LIVE	$2,595 USD	4 Day

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Dec 15 - 18, 2025 | 8:30 AM - 6:00 PM EST

Jan 5 - 8, 2026 | 8:30 AM - 6:00 PM EST

Jan 20 - 23, 2026 | 8:30 AM - 6:00 PM EST

Jan 26 - 29, 2026 | 11:30 AM - 9:00 PM EST

Feb 17 - 20, 2026 | 11:30 AM - 9:00 PM EST

Feb 23 - 26, 2026 | 8:30 AM - 6:00 PM EST

Mar 2 - 5, 2026 | 8:30 AM - 6:00 PM EST

Mar 9 - 12, 2026 | 11:30 AM - 9:00 PM EDT

Apr 20 - 23, 2026 | 8:30 AM - 6:00 PM EDT

Apr 27 - 30, 2026 | 11:30 AM - 9:00 PM EDT

May 11 - 14, 2026 | 8:30 AM - 6:00 PM EDT

May 18 - 21, 2026 | 11:30 AM - 9:00 PM EDT

May 26 - 29, 2026 | 8:30 AM - 6:00 PM EDT

Jun 1 - 4, 2026 | 8:30 AM - 6:00 PM EDT

Jun 8 - 11, 2026 | 11:30 AM - 9:00 PM EDT

Jun 15 - 18, 2026 | 8:30 AM - 6:00 PM EDT

Jul 6 - 9, 2026 | 11:30 AM - 9:00 PM EDT

Jul 13 - 16, 2026 | 8:30 AM - 6:00 PM EDT

Jul 20 - 23, 2026 | 8:30 AM - 6:00 PM EDT

Aug 3 - 6, 2026 | 11:30 AM - 9:00 PM EDT

Aug 17 - 20, 2026 | 8:30 AM - 6:00 PM EDT

Aug 31 - Sep 3, 2026 | 8:30 AM - 6:00 PM EDT

Sep 8 - 11, 2026 | 11:30 AM - 9:00 PM EDT

Sep 21 - 24, 2026 | 8:30 AM - 6:00 PM EDT

Sep 28 - Oct 1, 2026 | 8:30 AM - 6:00 PM EDT

Oct 5 - 8, 2026 | 8:30 AM - 6:00 PM EDT

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PRIVATE GROUP TRAINING	4 Day

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.