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Complete Practical; Real-time Job Oriented Training

Azure Admin (AZ 104) Training

Thank you for contacting our **SQL School**. We assure you practical, real-time training on AZ 104 [Azure Admin] Classes. Step by step and practical classes with complete Hands-On, material and guidance.

<p>This Azure Admin course is very helpful for:</p> <ol style="list-style-type: none">1. System Admins2. Network Admins3. Data Engineers4. Data Analysts5. Architects6. Infrastructure Admins	<p>Benefits of this Azure Admin (AZ 104) Course:</p> <ul style="list-style-type: none">✓ 100% Practical✓ Highly Interactive✓ Concept wise FAQs✓ Resume Guidance✓ Az 104 Exam Guidance✓ Mock Exams
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Duration:	1 month
Trainer:	Mr. Guna Shekeran, 15+ years of IT Experience
Training Mode:	LIVE Online
Type:	Step by Step, Practical
Course Fee:	INR 12000 INR 9000

Detailed course content:

Module 1: Manage Azure Identities and Governance

Chapter 1: Manage Azure AD objects

- ✓ create users and groups
- ✓ manage user and group properties
- ✓ manage device settings
- ✓ perform bulk user updates
- ✓ manage guest accounts
- ✓ configure Azure AD Join
- ✓ configure self-service password reset
- ✓ NOT: Azure AD Connect; PIM

Chapter 2: Manage role-based access control (RBAC)

- ✓ create a custom role
- ✓ provide access to Azure resources by assigning roles
 - o subscriptions
 - o resource groups
 - o resources (VM, disk, etc.)
- ✓ interpret access assignments
- ✓ manage multiple directories

Chapter 3: Manage subscriptions and governance

- ✓ configure Azure policies
- ✓ configure resource locks
- ✓ apply tags
- ✓ create and manage resource groups
 - o move resources
 - o remove RGs
- ✓ manage subscriptions
- ✓ configure Cost Management
- ✓ configure management groups

Module 2: Implement and manage storage

Chapter 5: Manage storage accounts

- ✓ configure network access to storage accounts
- ✓ create and configure storage accounts
- ✓ generate shared access signature
- ✓ manage access keys
- ✓ implement Azure storage replication
- ✓ configure Azure AD Authentication for a storage account

Chapter 6: Manage data in Azure Storage

- ✓ export from Azure job
- ✓ import into Azure job
- ✓ install and use Azure Storage Explorer
- ✓ copy data by using AZCopy

Chapter 7: Configure Azure files and Azure blob storage

- ✓ create an Azure file share
- ✓ create and configure Azure File Sync service
- ✓ configure Azure blob storage
- ✓ configure storage tiers for Azure blobs

Module 3: Deploy and manage Azure compute resources

Chapter 8: Configure VMs for high availability and scalability

- ✓ configure high availability
- ✓ deploy and configure scale sets

Chapter 9: Automate deployment and configuration of VMs

- ✓ modify Azure Resource Manager (ARM) template
- ✓ configure VHD template
- ✓ deploy from template
- ✓ save a deployment as an ARM template
- ✓ automate configuration management by using custom script extensions

Chapter 10: Create and configure VMs

- ✓ configure Azure Disk Encryption
- ✓ move VMs from one resource group to another
- ✓ manage VM sizes
- ✓ add data discs
- ✓ configure networking
- ✓ redeploy VMs

Chapter 11: Create and configure containers

- ✓ create and configure Azure Kubernetes Service (AKS)
- ✓ create and configure Azure Container Instances (ACI)
- ✓ Create and configure Web Apps
- ✓ create and configure App Service
- ✓ create and configure App Service Plans
- ✓ NOT: Azure Functions; Logic Apps; Event Grid

Module 4: Configure and Manage Virtual Networking

Chapter 12: Implement and manage virtual networking

- ✓ create and configure VNET peering
- ✓ configure private and public IP addresses
- ✓ network routes, network interface, subnets
- ✓ and virtual network

Chapter 13: Configure name resolution

- ✓ configure Azure DNS
- ✓ configure custom DNS settings
- ✓ configure a private or public DNS zone

Chapter 14: Secure access to virtual networks

- ✓ create security rules
- ✓ associate an NSG to a subnet or network interface
- ✓ evaluate effective security rules

- ✓ deploy and configure Azure Firewall
- ✓ deploy and configure Azure Bastion Service

Chapter 15: Configure load balancing

- ✓ configure Application Gateway
- ✓ configure an internal load balancer
- ✓ configure load balancing rules
- ✓ configure a public load balancer
- ✓ troubleshoot load balancing

Chapter 16: Monitor and troubleshoot virtual networking

- ✓ monitor on-premises connectivity
- ✓ use Network Performance Monitor
- ✓ use Network Watcher
- ✓ troubleshoot external networking
- ✓ troubleshoot virtual network connectivity

Chapter 17: Integrate an on-premises network with an Azure virtual network

- ✓ create and configure Azure VPN Gateway
- ✓ create and configure VPNs
- ✓ configure ExpressRoute
- ✓ configure Azure Virtual WAN

Module 5: Monitor and back up Azure resources

Chapter 18: Monitor resources by using Azure Monitor

- ✓ configure and interpret metrics
 - o analyze metrics across subscriptions
- ✓ configure Log Analytics
 - o implement a Log Analytics workspace
 - o configure diagnostic settings
- ✓ query and analyze logs
 - o create a query
 - o save a query to the dashboard
 - o interpret graphs
- ✓ set up alerts and actions
 - o create and test alerts
 - o create action groups
 - o view alerts in Azure Monitor
 - o analyze alerts across subscriptions
- ✓ configure Application Insights

Chapter 19: Implement backup and recovery

- ✓ configure and review backup reports
- ✓ perform backup and restore operations by using Azure Backup Service
- ✓ create a Recovery Services Vault
 - use soft delete to recover Azure VMs
- ✓ create and configure backup policy
- ✓ perform site-to-site recovery by using Azure Site Recovery

Module 6: AZ 104 Certification

- ✓ Previous Certification Samples
- ✓ Mock Certification
- ✓ Certification Guidance
- ✓ Career Guidance
- ✓ Resume Guidance

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Trending Job Roles

- Data Analyst
- Data Scientist
- Data Engineer
- Solution Architect
- Consultant, more .. !



Ministry of MSME, Govt. of India

Training Highlights

- ✓ Step by Step
- ✓ LIVE Project(s)
- ✓ Job Assistance
- ✓ Resume Guidance
- ✓ Concept wise FAQs



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