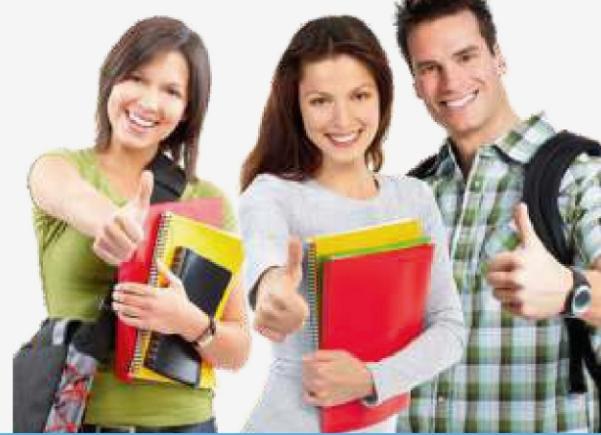# Microsoft Azure Administrator AZ-104

Responsibilities For An Azure Administrator Include Implementing, Managing, And Monitoring ,identity, Governance, Storage, Compute, And Virtual Networks In A Cloud Environment .

Manage Azure identities and governance

Manage Azure identities and governance

- 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

Manage role- Manage role-based access control (RBAC)

- Create A Custom Role
- Provide Access To Azure Resources By Assigning Roles
- Subscriptions
- Resource Groups
- Resources (vm, Disk, Etc.)
- Interpret Access Assignments
- Manage Multiple Directories

Manage subscriptions and governance

- Configure Azure Policies
- Configure Resource Locks
- Apply Tags
- Create And Manage Resource Groups
- Move Resources
- Remove Rgs
- Manage Subscriptions
- Configure Cost Management
- Configure Management Group

Implement and manage storage

Manage storage accounts Manage storage accounts

- Cconfigure 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.

Manage data in Azure Storage

- Export From Azure Job
- Import Into Azure Job
- Install And Use Azure Storage Explorer
- Copy Data By Using Azcopy..

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

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Deploy and manage Azure compute resources

Configure VMs for high availability and scalability

- Configure High Availability
- Deploy And Configure Scale Sets

Configure VMs for high availability and scalability

- 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

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

Createand and configure containers

- Create And Configure Azure Kubernetes Service (aks)
- Create And Configure Azure Container Instances (aci)
- Not: Selecting An Container Solution Architecture Or Product; Container registry Settings

Create and configure Web Apps

- create and configure App Service
- create and configure App Service Plans
- NOT: Azure Functions; Logic Apps; Event Grid

Configure and manage virtual networking

Implement and manage virtual networking

- Create And Configure Vnet Peering
- Configure Private And Public Ip Addresses, Network Routes, Network Interface,
- Subnets, And Virtual Network

Configure name resolution Configure name resolution

- Configure Azure Dns
- Configure Custom Dns Settings
- Configure A Private Or Public Dns Zone.

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
- Not: Implement Application Security Groups; Ddos.

Configure load balancing

- Configure Application Gateway
- Configure An Internal Load Balancer
- Configure Load Balancing Rules
- Configure A Public Load Balancer
- Troubleshoot Load Balancing
- Not: Traffic Manager And Frontdoor And Privatelink

Monitor and troubleshoot virtual networking

- Monitor On-premises Connectivity
- Use Network Performance Monitor
- Use Network Watcher
- Troubleshoot External Networking
- Troubleshoot Virtual Network Connectivit

Integrate an on- 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.

Monitor and back up Azure resources

Monitor resources by using Azure Monitor

- Configure And Interpretmetrics.
- Configure Log Analytics .
- Implement A Log Analytics Workspace Configure Diagnostic Settings.
- Query And Analyze Logs .
- Set Up Alerts And Actions.
- Configure Application Insights.
- Not: Network Monitoring.

Implement backup and recovery Implement backup and recovery

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