

AZURE

Administrator

Become a Certified Cloud Engineer



"Master Technology, Master Your Future!"

REXTON IT SOLUTIONS

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Career Solution-Steps

ONLY in 90 Days

Career Transformation
with-in 90 Days

> JOIN TRAINING

our career expert help to join the training.

> LEARN ADVANCE

Learn advance training, and get real time experience.

> INTERVIEW

We will conduct your interview in training period.

> GET JOB

You will get job in the training duration

MICROSOFT AZURE ADMINISTRATOR TRAINING

Cloud Concepts

What is Cloud Computing
IaaS, PaaS, SaaS - Cloud Vendors
Public, Private, Hybrid Cloud
Azure regions & availability zones
Cloud Vendors

Entra ID Fundamentals

What is Microsoft Entra ID
Difference between **Active Directory Domain Services (AD DS)** and **Entra ID**
Tenants, subscriptions, and directories
Entra ID architecture

Identity Management

Create and manage users
User properties and profiles
Bulk user creation
Guest users (B2B collaboration)
External identities

Groups Management

Security groups
Group membership management
Group-based licensing
Dynamic groups

Authentication

Password Hash Synchronization (PHS)
Pass-through Authentication (PTA)
Authentication methods: - Microsoft Authenticator, FIDO2 security keys, SMS/voice, TAP

Multi-Factor Authentication (MFA)

MFA registration, MFA policies, Conditional Access + MFA, Access controls, Block access
Risk-based access, Device compliance requirement

Device Identity

Entra registered devices, Hybrid Entra joined devices, Device compliance policies
Device management with Intune

Privileged Identity Management (PIM)

Just-in-time administrator access, Approval workflow, Access reviews, Role activation

Role-Based Access Control (RBAC)

Custom Roles, Global Administrator, Custom roles, Least privilege access

Entra Connect / Hybrid Identity

Azure AD Connect, Microsoft Entra Cloud Sync, Sync troubleshooting, Hybrid identity design

Security Features
Identity Protection, Risky users, Risky sign-ins, Audit logs, Access reviews, PIM
Monitoring and Troubleshooting
Sign-in logs analysis, Audit logs, Authentication failures
Conditional Access troubleshooting
Licensing Concepts
Free, Microsoft Entra ID P1, Microsoft Entra ID P2, Features comparison
Storage
Storage Accounts, Blob Storage, Azure Files, File Shares, Storage Tiers
Replication: LRS, ZRS, GRS, GZRS
SAS, Access Keys
Storage Explorer, File Sync, Migration AzCopy, Data redundancy
Azure Compute
Virtual Machines, VM sizes, VM disks, Managed Disks, OS/Data disks
VM Images, VM extensions
Availability Sets, Availability Zones, Virtual Machine Scale Sets
Azure Container Instances, Azure Container Apps
Azure Networking
Virtual Networks, Subnets, Public/Private IP
NIC, NSG, ASG, Route Tables, User Defined Routes
VNet Peering, VPN Gateway
Azure DNS, Private DNS, Private Endpoints, Service Endpoints
Network Watcher
Azure Monitoring
Azure Monitor, Metrics, Logs
Log Analytics Workspace, KQL basics
Alerts, Action Groups
Diagnostic Settings, Network monitoring
Backup & Recovery
Recovery Services Vault, Backup policies
On Prem Azure Backup
VM backup, File Share backup, Restore operations
Azure Site Recovery, Disaster Recovery
Recovery Point, RPO/RTO concepts
Azure Administration
Azure Portal, Azure CLI, Azure PowerShell, Cloud Shell
ARM templates, Bicep
Resource deployment, Resource management
VM administration, Disk management
Security
Security recommendations
Microsoft Defender for Servers
NSG security

Troubleshooting & Operations
VM connectivity
RDP/SSH troubleshooting
DNS troubleshooting
NSG troubleshooting
Storage access problems
IP/routing problems
Monitoring and alerts
Resource health
Azure Service Health



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Thank You!

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