Microsoft Azure

Overview
This course trains IT professionals to manage Azure subscriptions, secure identities, administer infrastructure, configure virtual networking, connect sites, manage traffic, implement storage solutions, scale virtual machines, create web apps and containers, back up and share data, and monitor solutions.

Audience profile
This training is for Azure admins. The Azure Administrator oversees identity, governance, storage, computing, and virtual networks in the cloud. As needed, the Azure Administrator will provide, size, monitor, and change resources.

Prerequisites.
Successful Azure Administrators possess experience in operating systems, virtualization, cloud infrastructure, storage, and networking. Knowledge of on-premises VMs, virtual networking, and virtual hard discs.
Proficiency with network setup, including TCP/IP, DNS, VPNs, firewalls, and encryption. Learn Active Directory fundamentals such as domains, forests, controllers, replication, Kerberos protocol, and LDAP. Knowing resilience, disaster recovery, and backup and restore.

Microsoft CERTIFIED Professional

Microsoft CERTIFIED AZURE ADMINISTRATOR ASSOCIATE ★★

Duration
2 &1/2 Month

Regular Batch Time
08.00AM – 09..30 AM

Weekend batch Tiem
SAT/SUN

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Module 1: Identity

Azure Active Directory
Users and Groups

Module 2: Governance and Compliance

Subscriptions and Accounts
Azure Policy
Role-based Access Control (RBAC)

Module 3: Azure Administration

Azure Resource Manager
Azure Portal and Cloud Shell
Azure PowerShell and CLI

Module 4: Virtual Networking

Virtual Networks
IP Addressing
Network Security groups
Azure Firewall
Azure DNS

Module 5: Intersite Connectivity

VNet Peering
VPN Gateway Connections
ExpressRoute and Virtual WAN

Module 6: Network Traffic Management

Network Routing and Endpoints
Azure Load Balancer
Azure Application Gateway
Traffic Manager

Module 7: Azure Storage

Storage Accounts
Blob Storage
Storage Security
Azure Files and File Sync
Managing Storage

Module 8: Azure Virtual Machines

Virtual Machine Planning
Creating Virtual Machines
Virtual Machine Availability
Virtual Machine Extensions

Module 9: Serverless Computing

Azure App Service Plans
Azure App Service
Container Services
Azure Kubernetes Service

Module 10: Data Protection

File and Folder Backups
Virtual Machine Backups
Lab : Implement Data Protection

Module 11: Monitoring

Azure Monitor
Azure Alerts
Log Analytics
Network Watcher

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