



LOGICLABS TECHNOLOGIES

Azure Administrator Associate Course Content

Trainer: Ankit Narula

Duration: Near about 25 Days

Each Session: Near about 1 Hour

For AWS, Azure & Devops Live Training

Please Give a call to: +91-8341292444

For any Information send an email to

support@logiclabstech.com

Website: www.logiclabstech.com

Telegram Group: <https://t.me/logiclabstech>

Facebook Page: <https://www.facebook.com/logiclabstechnologies>

YouTube: <https://www.youtube.com/c/LogiclabsTechnologies>

Instagram: <https://www.instagram.com/logiclabstech/>

Azure Administrator Associate Course Content

➤ Introduction to Cloud Computing & Azure

- Introduction to Cloud Computing
- Service Models in Cloud Computing
- Deployment Model in Cloud Computing
- Introduction to Azure
- Azure Account Creation & Free Tier Limitations Overview
- Azure Market Place

➤ Azure Subscription and Resources

- Create and manage Azure Subscriptions
- Types of Subscriptions
- Create and manage Resource Groups

➤ Azure Compute

- Virtual Machine Launch Wizard
- Virtual Machine Instance Type
 - * Windows VM
 - * Linux VM
- Transfer Local Files to VM
 - * Linux Server
 - * Windows Server
- Webservers
 - * Linux Webserver
 - * Windows Webserver
- Cloud Init Script
- Lock Virtual Machine
- Create VM User
 - * Linux Machine
- Scale VM UP and Down
- Move VMs from One Resource group to another
- Snapshots
 - * Disk Snapshot
 - * Creating a VM using Snapshot
- Deploy VM using ARM templates
- Azure VM Image
 - * Specialized Image
 - * Generalized Image

Azure Administrator Associate Course Content

- * Create a VM using the Image

- Azure PowerShell
- Azure Command Line Interface (CLI)
- VM Scale Set (Azure Autoscale)
- Azure Availability Set
- Azure App Service

➤ Azure Storage

- Data Disks
 - * Attach & Detach Disk
 - * Mount the Data Disk
 - * Extending existing disk of the VM
- Types of Azure storage
- Types of Storage Accounts
- Blob Storage
- Azure Storage Explorer
- Storage Account Access Key
- Shared Access Signatures (SAS)
 - * Blob Level
 - * Storage Account Level
- Storage Redundancy
- Access Tiers
- Life Cycle Management
- Versioning
- Blob Replication
- Static Webhosting with Blob Storage
- Azure File Shares
 - * Windows Machine
 - * Linux Machine
- AZ Copy
- Storage Account Lock

➤ Azure Active Directory (Azure AD)

- Overview of Azure AD
- Create Users in Azure AD
- Role Based Access Control

Azure Administrator Associate Course Content

- * Reader Role
- * Contributor Role
- * Resource Group Level (Owner Role)
- * Subscription Level
- * User Access Administrator Role
- Custom Roles
- Azure AD Group
- Azure AD Roles
- Azure AD Custom Domain
- Inviting Guest User
- Bulk User Create
- Multi Factor Authentication

➤ Azure Networking

- Introduction about VNET & Create VNET
- Introduction about Subnet & Create Subnet
- Bastion Host
- NAT Gateway
- Network Security Group (NSG)
- Azure Load Balancer
 - * Public Load Balancer
 - * Private Load Balancer
- Application Gateway
 - * Basic
 - * Multi-Site
- Azure VNET Peering
- Virtual Private Network (VPN) Gateway
 - * Point to Site VPN Connection
- Network Watcher
 - * Connection Troubleshoot
 - * Connection Monitor
 - * IP Flow Verify
 - * NSG Flow Logs
 - * Traffic Analytic
- Route Table

Azure Administrator Associate Course Content

- * System Route Table
 - * Custom Route Table
- Service Endpoint
- **Azure DNS Zone (Domain Name Service)**
 - DNS Record Overview
 - Hosting Sample Website
- **Traffic Manager**
 - Priority Routed Method
 - Weighted Routed Method
 - Performance Routed Method
 - Geographic Routed Method
- **Database**
 - Introduction of Database
 - Types of Azure Database
 - Types of Azure Services in Azure Database
 - Launching an RDS Instances (Azure Database for MySQL)
 - * Deployment models
 - * High availability Concepts (Flexible Server)
 - * Replication Latency
 - * Backup
 - * Restore
 - Connect MySQL Database with MYSQL Workbench
- **Application Services**
 - Azure Calculator
- **Monitoring Tools**
 - Azure Monitor
 - * Alerts
 - * Metrics
- **Security Options**
 - Azure Advisor
- **Migration and Transfer**
 - Azure Backup
 - * Backup a VM
 - Azure Data Box (Theory)

Azure Administrator Associate Course Content

➤ Azure Project

- VM, VNET & Azure Database for MySQL

➤ Azure Quiz