



#### Azure Engineer or Administrator (Your Target, Our Commitment)



#### This Training Qualification Individual for Jobs:

#### Azure Solution Support Engineer Azure Administrator Azure Administration Module Ver. 1-1

#### Prerequisites ( Eligibility Criteria ):

- Should have Work Experience in Desktop Administrator / Server Administration.
- Good Knowledge of Windows Server Services / Linux Server Services.
- Networking Fundamentals, including TCP/IP -Client /Server Architect Concept.
- Windows Server Services including Group Policies, DNS, DHCP, RIS, and Backup.
- Deploying, configuring, and troubleshooting Windows- Based computers.
- Good Knowledge of VMWare / Hyper V (Virtualization) Technology.
- Concepts of Disaster Recovery, High Availability; Managed Services, Datacenter.
- IP schemes & Classes, Subnets, Routing Tables, VPN, LAN, Firewalls, NAT, Gateways.
  - 1. 100 % Hand on Practical Module (All LAB will be on Scenario and Case Study Based)
  - 2. Resume Modification & Interview Preparation for AWS Administrator Profile.
  - 3. Each Trainee Will Get Individual Attention for Complete Hand on Practice.
  - 4. Each Topic Assignment and Project will be mandatory to complete for every trainee.
  - 5. Guaranteed Placement Total Fee: Rs. 24,190/- (inclusive 18% GST)

Registration Fees : Rs. 1,180/- || 1st Instalment : 5,310/- || 2nd instalment : Rs. 5,900/-

#### AFTER JOB CONFIRMATION : 11,800 Rs.

Classes Available On Weekends ( Every Sat-Sun ) : Duration 4 Months





# AZURE ADMIN

## **About the Course**

Azure admin Training & Certification empowering professionals to operate more secure cloud instances. At the end of Internship,you equips with the necessary skills to proficiently design cloud architecture solutions utilizing Microsoft services. This Azure training is tailored to help you develop expertise in designing identity and governance solutions, data storage solutions, business continuity strategies, and robust infrastructure solutions. You can confidently navigate the dynamiclandscape of cloud technologies and elevate your professional profile. By participating in Evision's Azure training, you will gain invaluable insights into architecting Microsoft Azure Infrastructure Solutions, and engage in real-world, hands-on projects aimed at constructing scalable Azure infrastructure and designing web applications.

+8800015881 +8800015882



www.evisiontechnoserve.com



# **Prerequisites**

- Familiarity in IT Administration.
- Concepts of Cloud Computing.
- Basic knowledge of Virtualization, Networking & Databases.
- Ability in using PowerShell, Command-line Interface, Azure portal, and Azure Resource Manager templates

# **Target audience**

- Minimum 6 Months Experience in End User Support Profile "Desktop Engineer, IT Engineer, Technical Support Engineer, System Engineer, FMS Engineer, Service Desk Engineer, Help Desk Engineer, IT Help Desk Engineer or Others Only Can Apply for Azure Cloud Administration Program.
- Passing 2022 and Before Can Apply for Interview Only .



www.evisiontechnoserve.com



#### **MODULE 1 - INTRODUCTION TO CLOUD**

- Define Cloud Computing.
- Cloud computing Infrastructure.
- Requirements need to be fulfilled to qualify as a cloud service.
- Cloud service and deployment models.
- Common misconceptions about cloud computing.
- Common cloud Implementations.
- Benefits of Cloud
- Architecture discussion
- Lab preparation

## **MODULE 2 - MICROSOFT AZURE BASICS**

- Introduction to Azure
- What is SaaS, PaaS, and laaS
- Azure Regions and Data Centers
- Understanding of Microsoft Azure portal
- Introduction to all Azure services
- Windows Azure Subscription
- Managing Azure Subscriptions and Resources

+8800015881 +8800015882





#### MODULE 3 - DEPLOYING AND CONFIGURING INFRASTRUCTURE

- Virtual Machine instances
- Deploying and Managing Virtual Machines (VMs)
- Configuring and Managing Virtual Networks
- Azure VM types and Pricing
- Types of Provisioning
- Disks & Images
- Virtual Machine management, automation and scripting
- Cloud Service and Resource Model Deployment
- Implementing and Managing Storage

#### MODULE 4 - INTRODUCTION TO AZURE VIRTUAL NETWORK AND SERVICES

- Types of Azure Virtual Network VNET to VNET, point-tosite and site-to-site, Express Route.
- Creating Virtual Networks in Azure
- Azure Subnet and IP ranges
- Load Balancing Endpoints
- Understanding Network ACL and Network Security
- Group Setting up Private and Public IP Hands-on Lab:
- Create a VET-to-VNET virtual network
  Hands-on Lab:
- Create a point-to-site virtual network





- Introduction to Azure Traffic Manager
- Available options in Azure Traffic Manager
- Understanding of Deployment Traffic Manager Hands-on Lab:
- Load Balancing using Azure Traffic Manager

#### **MODULE 5 - MICROSOFT AZURE STORAGE**

- Overview of Microsoft Azure Storage
- Azure Storage Account
- Azure Storage Blobs
- Control Access to Storage Blobs and
- Containers
- Storage Account Replication Techniques
- Type of Azure Storage Account
- Storage Services Blob, Table, queue, File

#### **MODULE 6 - IMPLEMENT AN AZURE ACTIVE**

- Active Directory Fundamentals
- Implement Azure AD Connect
- Multifactor Authentication
- Add custom domains
- Monitor Azure AD
- Configure single sign-on with SaaS applications
- Users and Groups Provisioning
- Configure federation



DIRECTORY



- Implement Azure AD integration in web and desktop applications
- Create an Azure AD B2C Directory
- Implement B2B collaboration Configure partner users
- Integrate with applications
- Azure AD data sync
- Role-based Access Control
- ADFS and Azure Access Control Service Hands-on Lab:
- Authentication On-Premise app using Azure AD
- Overview and Available features and Media Services
- Azure Notification Hub Services

## MODULE 7 - AZURE SQL DATABASE

- Introduction about Azure SQL Difference
- between SQL server and Azure SQL
- Advantage and Benefits of SQL database
- Scaling SQL database
- Backup and Performance Options Security in Azure
- SQL Pricing Model





#### **MODULE 8 - AZURE WEB APPS**

- Understanding Web App tiers
- Understanding of Web Job Pricing, Security, Monitoring
- Resource Group and Web Hosting Plans in the New Preview portal
- Supported language
- Deploying Web App
- Deployment sources
  Hand-on Lab:
- Create, Deploy, Manager
- Deployment
- Benefits
- Roles in Azure Cloud services
- Web Role and Worker Role
- Understanding Fault Domain and Upgrade
- Domain
- Deployment pipeline

#### **MODULE 9 - AZURE BACKUP AND SITE RECOVERY**

- Azure Vaults
- Configuring backups
- Data Protection Manager
- Azure Site Recovery and Disaster Recovery
- On Premise Migration using Recovery Services Hands-on Lab:
- Configure a vault and backup a server
- from on premise
- to cloud On-premise to on premise On-premise to Azure





Acotinal Ca

THE REAL PROPERTY AND ADDRESS OF





### **Evision Technoserve Pvt. Ltd.**

#### NOIDA, HEAD OFFICE



E-41 Sector 3, Opp. HCL Technologies, Noida, Uttar Pradesh, 201301.

#### 오 + 91-9811722065

**BENGALURU BRANCH** 



44/8, Puttenahalli, JP Nagar, Bengaluru 560078

S +91-9811722023

PUNE BRANCH



Yashwant Complex, Mundhwa, Pune, Maharashtra 411036

S +91-9811722022







