Course : Azure Administration

Module 1 – Exam Preparation and Study Techniques
Objectives – At the end of this Module, you should be able to:

a) Exam Preparation and Study Techniques
b) Preparation for the Azure 70-533 Implementing Microsoft Azure Infrastructure Solutions
c) Resources and Study Aids
d) Passing the Exam, the First Time

Module 2 - Cloud Computing Concepts
Objectives – At the end of this Module, you should be able to:

a)   Cloud History
b)   Cloud Computing Concepts
c)   Cloud Deployment Models
d)   Cloud Delivery Models
e)   Cloud Computing Benefits

Module 3 - Azure Overview

Objectives – At the end of this Module, you should be able to:

a) Azure History
b) Brief Overview of Azure
c) Azure as a Market Leader
d) Azure's Globally Distributed Infrastructure
e) Discuss Azure Products and Services

Module 4 - Azure Virtual Machines

Objectives – At the end of this Module, you should be able to:

a) Create and Configure Virtual Machines
b) Workloads on Virtual Machines
c) Implement images and disks
d) Configure Disks
e) Monitoring VMs

Microsoft
Azure

Module 5 - Azure Storage Operations

Objectives – At the end of this Module, you should be able to:

a) Understanding Cloud storage
b) Blobs and Azure files
c) Storage Queues, tables and Managing access
d) Create and Manage storage
e) Configure Diagnostics and monitoring

Module 6 - Azure Web Apps

Objectives – At the end of this Module, you should be able to:

a) Deploy and configure web sites
b) Web sites scaling
c) Web Apps Deployment Models and Methods
d) Web Deploy packages and Deployment slots

Microsoft
Azure

Module 7 - Azure Network Services

Objectives – At the end of this Module, you should be able to:

a)   Introduction to Azure Virtual Networks
b) Creating and Managing Azure virtual networks
c) Understanding Network ACLs and Network Security groups
d) Understanding Azure DIP, VIP and PIP
e) Azure VNET to VNET
f) Azure Point to Site
g) Azure Site to Site
h) Azure ExpressRoute

Module 8– Azure Content Delivery Network

Objectives – At the end of this Module, you should be able to:

a) Introduction Azure CDN
b) Understanding Azure CDN
c) Setting up Azure CDN

Module 9 – Azure Backup and Recovery Services

Objectives – At the end of this Module, you should be able to:

a) Implementing Azure Backup
b) Implementing Azure Recovery Solutions**.**

Module 10 – Implementing Azure Active Directory

Objectives – At the end of this Module, you should be able to:

a) Creating and Managing Azure AD tenants
b) Administering Active AD
c) Extending on-premises AD to Azure AD
d) Implementing directory synchronization by using AD connect
e) Configuring directory Synchronization
f) Federation concepts

Module 11 – Identity Management and Access control

Objectives – At the end of this Module, you should be able to:

a) Windows Azure Access control service
b) Azure Security Access Control
c) Shared Access Signatures with Azure service bus
d) Shared Access Signatures Best Practices.

Module 12 – Azure Service Bus

Objectives – At the end of this Module, you should be able to:

a) Introduction to Azure Service Bus
b) MSMQ vs Azure Service Bus
c) Windows Azure Service Bus Relays
d) Windows Azure Service Bus Queues
e) Windows Azure Service Bus Topics

Module 13- SQL Azure
Objectives – At the end of this Module, you should be able to:

a) Planning and implementing Azure SQL Database
b) Implementing and managing Azure SQL Database
c) Managing Azure SQL Database security
d) Monitoring Azure SQL Database
e) Managing Azure SQL Database business continuity
f) Migration Methods and Limitations

Module 14 – Azure Traffic Manager
Objectives – At the end of this Module, you should be able to:

a) Introduction Azure Traffic Manager
b) Understanding Different traffic routing methods
c) Priority method (Failover method)
d) Weighted method (Round-robin method)
e) Performance method (Performance method)

Module 15 -Azure-based management & automation

Objectives – At the end of this Module, you should be able to:

   a) Implementing Microsoft Operations Management Suite (OMS)
   b) Implementing Azure Automation
   c) Implementing Automation runbooks
   d) Managing Azure Automation

Module 16 - Best Security practices for cloud deployments

Module 17 – Real time Use Cases

Microsoft
Azure

Azure Administration Training

Course Duration: **30 to 40 days**

Daily hours: **60 to 90 minutes**

Course Fee: **Rs.10000 or 175$ All Inclusive**

Faculty Name: **Praveen**

Mobile/ Whats App: **+91- 800-888-9091**

Email: **info@deepquest.io**