Migrate Servers To Azure (AZ-101.1)

Modality: On Demand

Duration: 24 Hours

Microsoft officially discontinued this course. It is substituted by the MS Azure Administrator Certification - AZ-103 If you intend to take the exam in 2020, please enroll for the above-specified substitution course.

About this course:

This training program teaches Information Technology experts how to plan, access, discover and deploy a migration of infrastructure and resources at the premises to Azure. Applicants will study the techniques to utilize Azure Migrate to carry out the process of exploration and assessment which is key to a successful migration. Participants will also study the methods to utilize Azure Site Recovery to achieve actual workload migration to Azure. This program mainly focuses on the use of ASR to plan and complete the migration process using a Hyper-V framework. Furthermore, Applicants study about other scenarios like the System Center VMM Hyper-V machines and VMware vSphere Hypervisor virtual machines

Course Objective:

Once the training is complete, Applicants have expertise to:

· Migrate Hyper-V infrastructures to Azure by using the Azure Site Recovery

· Assess and discover on-premises virtual machine migration to Azure by using Azure Migrate

· Examine migration tactics for System Center VMM and VMWare virtual machines

Audience:

· The program is intended for Azure Administrators. Who handle cloud services that cover networking, storage, and cloud computing skills throughout the entire IT lifecycle with a detailed

understanding of each technology. They took end-user applications for new cloud apps and make suggestions on facilities that can be used for maximum efficiency and scale, and also size, provision, monitor and adjustment where necessary. This position requires that vendors be organized and communicated. Azure administrators utilize the Azure Portal and utilize Command Line Interface and PowerShell, as they become more professional.

Prerequisite:

Successful Azure administrators begin this position with OS, Cloud infrastructure, storage management, networking, and virtualization expertise.

Course Outline:

1 | Azure Migrate

- Overview of Cloud Migration
- Azure Migrate The Process
- Module 1 Review Questions

2 | Azure Site Recovery

- Overview
- Preparing the Infrastructure
- Completing the Migration Process
- Module 2 Review Questions

3 | Disaster Recovery

- Backup and Resre
- Disaster Recovery
- Module 3 Review Questions

4 | Migrating Data

- Database Migration
- Import and Export Service
- Module Review Questions

5 | Additional Migration Scenarios

- VMware Migration
- System Center VMM Migration Video Walkthrough
- Module 3 Review Questions

6 | Lab-Implement Azure Site Recovery between Azure regions

- Lab

Course Completion

- Final Exam