

Designing a Data Platform Solution

Modality: On Demand

Duration: 24 Hours

This course makes you ready for the Exam of AZ-301 leading to the Certification of AZ-301. No Exam Voucher includes in this course, but you have the option to request the purchase of a Voucher for the Official Exam separately.

About this course:

Figure out how to contrast and compare different database alternatives on Azure, recognize information streaming choices for large scope information ingest, and distinguish longer-term options for information storage.

Course Objective:

- Determine the options of perfect pricing for Azure Storage dependent on the requirements of a solution.
- Recognize execution limits for the Azure Storage administration.
- Determine the sort of Storage blobs to use for explicit arrangement components.
- Utilize the Azure Files administration for SMB operations.
- Distinguish arrangements that could advantageous by the utilization of StorSimple virtual or physical devices.
- Look into monitoring services for applications, the platform of Azure, and networking.
- Structure an alert scheme for an answer facilitated in Azure.
- Select the best option of backup for infrastructure and information hosted in Azure.
- Automate the deployment of future assets for backup scaling and recovery purposes.

Audience:

Effective Architects of Cloud Solutions start this job with reasonable involvement in operating frameworks, storage structures, virtualization, cloud infrastructure, billing, and networking.

Prerequisite:

Reasonable involvement in cloud infrastructure, storage structures, operating frameworks, virtualization, billing, and networking.

Course Outline:

Module 1 - Backing Azure Solutions with Azure Storage

- Pricing
- Blob Storage

- Files
- StorSimple
- Review Questions
- Module 1 Assessment

Module 2 - Comparing Database Options in Azure

- Relational Databases
- NoSQL Services
- Azure Cosmos DB
- Data Storage & Integration
- Data Analysis
- Web Apps & SQL Case Study
- Online Lab: Deploying Database Instances in Azure
- Review Questions
- Module 2 Assessment

Module 3 - Monitoring & Automating Azure Solutions

- Monitoring
- Backup
- Automation
- Business Continuity Case Study
- Online Lab: Deploying Configuration Management Solutions Azure
- Review Questions
- Module 3 Assessment