

Designing For Deployment, Migration, And Integration (AZ-301.3)

Modality: On Demand

Duration: 24 Hours

This course makes you ready for the Exam of AZ-301.3 leading to the Certification of AZ-301.3. 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:

Discover the best way to deploy a template of ARM to a resource group, author a multifarious deployment utilizing the tools of Azure Building Blocks, and incorporate an App of Logic and API with the service of API Management.

Course Objective:

- Make a group of the resource.
- Add assets to a group of a resource.
- Deploy a template of ARM to a resource group Integrate a Logic or API App with the API Management administration.
- Structure a multi-region deployment or App Service Plan high scale and performance.
- Role-Based Access Control (RBAC)
- Infrastructure-Backed Platform-as-a-Service (PaaS)
- High-Performance Compute (HPC)
- High-Performance Hosting
- Mobile Apps Case Study

Audience:

Architects of Cloud Solutions start this role with valuable involvement in virtualization, operating system, cloud infrastructure, billing, storage structures, and networking.

Prerequisite:

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

Course Outline:

Module 1 - Deploying Resources with Azure Resource Manager

- ARM Templates
- Role-Based Access Control (RBAC)
- Resource Policies

- Security
- Building Blocks
- Review Questions
- Online Lab: Deploying Resources with Azure Resource Manager
- Module 1 Assessment

Module 2 - Creating Managed Server Applications in Azure

- Infrastructure-Backed Platform-as-a-Service (PaaS)
- High-Performance Compute (HPC)
- Migration
- Online Lab: Deploying Managed Containerized Workloads Azure
- Review Questions
- Module 2 Assessment

Module 3 - Authoring Serverless Applications in Azure

- Azure Web Apps
- Azure Functions
- Integration
- High Performance Hosting
- Mobile Apps Case Study
- Online Lab: Deploying Serverless Workloads Azure
- Review Questions
- Module 3 Assessment