Microsoft Azure Architect Design: AZ-301 Course Agenda

1. Designing for Identity and Security

Module 1: Managing Security & Identity for Azure Solutions
Lab: Securing Secrets in Azure

Module 2: Integrating SaaS Services Available on the Azure Platform
Lab: Deploying Service Instances as Components of Overall Azure Solutions

2. Designing a Data Platform Solution

Module 1: Backing Azure Solutions with Azure Storage

Module 2: Comparing Database Options in Azure
Lab: Deploying Database Instances in Azure

Module 3: Monitoring & Automating Azure Solutions
Lab: Deploying Configuration Management Solutions to Azure

3. Designing for Deployment, Migration, and Integration

Module 1: Deploying Resources with Azure Resource Manager
Lab: Deploying Resources with Azure Resource Manager

Module 2: Creating Managed Server Applications in Azure
Lab: Deploying Managed Containerized Workloads to Azure

Module 3: Authoring Serverless Applications in Azure
Lab: Deploying Serverless Workloads to Azure

4. Designing an Infrastructure Strategy

Module 1: Application Architecture Patterns in Azure

Module 2: Building Azure IaaS-Based Server Applications (ADSK)
Lab: Building Azure IaaS-Based Server Applications

Module 3: Networking Azure Application Components
Lab: Deploying Network Infrastructure for Use in Azure Solutions

Module 4: Integrating Azure Solution Components Using Messaging Services
Lab: Integrating Azure Solution Components using Messaging Services