

AZ-204 Azure Developer Associate Training

COURSE CONTENT

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Multisoft Systems
B - 125, Sector - 2, Noida



(+91) 9810-306-956



info@multisoftsystems.com



www.multisoftsystems.com

About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

About Course

The AZ-204 Azure Developer Associate Training, offered by Multisoft Systems, is a comprehensive program aimed at individuals aspiring to become proficient Azure developers. This training provides an in-depth understanding of Microsoft Azure's development tools, services, and technologies, enabling participants to design, build, and deploy applications on the Azure cloud platform.

Module 1: Creating Azure App Service Web Apps

- ✓ Azure App Service core concepts
- ✓ Scaling App Service apps
- ✓ Creating an Azure App Service Web App
- ✓ Azure App Service staging environments
- ✓ Configuring and Monitoring App Service apps

Module 2: Implement Azure functions

- ✓ Azure Functions overview
- ✓ Developing Azure Functions
- ✓ Implement Durable Functions

Module 3: Develop solutions that use blob storage

- ✓ Azure Blob storage core concepts
- ✓ Managing the Azure Blob storage lifecycle
- ✓ Working with Azure Blob storage

Module 4: Develop solutions that use Cosmos DB storage

- ✓ Azure Cosmos DB data structure
- ✓ Working with Azure Cosmos DB resources and data
- ✓ Azure Cosmos DB overview

Module 5: Implement IaaS solutions

- ✓ How to publish a container image to Azure Container Registry
- ✓ How to create container images for solutions
- ✓ How to provision VMs in Azure
- ✓ How to run container images in Azure Container Instances
- ✓ How to deploy ARM templates

Module 6: Implement user authentication and authorization

- ✓ Microsoft Identity Platform v2.0
- ✓ Authentication using the Microsoft Authentication Library
- ✓ Using Microsoft Graph
- ✓ Authorizing data operations in Azure Storage

Module 7: Implement secure cloud solutions

- ✓ Implement Managed Identities for Azure resources
- ✓ Secure app configuration data by using the Azure App Configuration
- ✓ Manage keys, secrets, and certificates by using the KeyVault API

Module 8: Implement API Management

- ✓ Defining policies for APIs
- ✓ Securing your APIs
- ✓ API Management overview

Module 9: Develop App Service Logic Apps

- ✓ Azure Logic Apps overview
- ✓ Creating custom connectors for Logic Apps

Module 10: Develop event-based solutions

- ✓ Implement solutions that use Azure Event Grid
- ✓ Implement solutions that use Azure Event Hubs
- ✓ Implement solutions that use Azure Notification Hubs

Module 11: Develop message-based solutions

- ✓ Implement solutions that use Azure Service Bus
- ✓ Implement solutions that use Azure Queue Storage queues

Module 12: Monitor and optimize Azure solutions

- ✓ Instrument an app for monitoring
- ✓ Analyzing and troubleshooting apps
- ✓ Overview of monitoring in Azure
- ✓ Implement code that handles transient faults

Module 13: Integrate caching and content delivery within solutions

- ✓ Develop for storage on CDNs
- ✓ Develop for Azure Cache for Redis