**Microsoft Azure Architect**

**AZ-303: Microsoft Azure Architect Technologies**

**1. Implement and Monitor an Azure Infrastructure:**

* Implement Azure VMs for Windows and Linux.
* Implement Azure App Service.
* Implement Azure Container Instances.
* Implement Azure Kubernetes Service (AKS).
* Implement storage solutions.
* Implement Azure Active Directory.

**2. Implement Management and Security Solutions:**

* Implement Azure Logic Apps.
* Implement Azure Functions.
* Implement Azure Event Grid.
* Implement Azure Monitor.
* Implement Azure Security Center.

**3. Implement Solutions for Apps:**

* Implement Azure App Service environments.
* Implement Azure App Configuration.
* Implement and manage Azure Key Vault.

**4. Implement and Manage Data Platforms:**

* Implement Azure SQL Databases.
* Implement Azure Database for MySQL and PostgreSQL.
* Implement Azure Cosmos DB.
* Implement Azure Blob Storage.

**AZ-304: Microsoft Azure Architect Design**

**1. Design Monitoring:**

* Design for monitoring and diagnostics.
* Design for data retention and archiving.
* Design for alerting.

**2. Design Identity and Security:**

* Design for identity and access management.
* Design for governance and compliance.
* Design for security.

**3. Design Data Storage:**

* Design data storage solutions.
* Design for high availability and disaster recovery.
* Design for scalability and elasticity.

**4. Design Business Continuity:**

* Design for backup and recovery.
* Design for load balancing and network routing.
* Design for migration.