

Course Outline

Module 1: Develop solutions that use Azure Storage tables

Lessons

- Connect to Azure Storage
- Design and Implement Storage tables
- Query a table by using code

After completing this module, students will be able to:

- Connect to storage in Azure
- Design and implement policies to Tables

Module 2: Develop solutions that use Azure Cosmos DB storage Azure Cosmos

Lessons

- Choose the appropriate API for Cosmos DB storage
- Manage containers and items in Cosmos DB storage
- Create, read, update, and delete documents in Azure Cosmos DB by using code

Module 3: Develop solutions that use file storage

Lessons

- Implement file shares for an Azure storage account
- Migrating content to and between file shares

Module 4: Develop solutions that use a relational database

Lessons

- Create, read, update, and delete database tables by using code
- Implement SQL Dynamic Data Masking

After completing this module, students will be able to:

- Create, read, update, and delete tables by using code

Module 5: Develop solutions that use Microsoft Azure Blob storage

Lessons

- Create a Shared Access Signature for a blob
- Asynchronously move items in Blob storage between containers
- Set Blob storage container properties in metadata

After completing this module, students will be able to:

- Develop solutions that use blob storage

Module 6: Develop for caching and content delivery solutions

Lessons

- Azure Redis Cache
- Develop for storage on CDNs

After completing this module, students will be able to:

- Develop for Azure Redis cache and content delivery networks