

AZ - 1003 : Secure storage for Azure Files and Azure Blob Storage

Course Outline

Module 1: Create an Azure Storage account

- Decide how many storage accounts you need for your project
- Determine the appropriate settings for each storage account
- Create a storage account using the Azure portal

Module 2: Configure Azure Blob Storage

- Understand the purpose and benefits of Azure Blob Storage
- Create and configure Azure Blob Storage accounts
- Manage containers and blobs within Azure Blob Storage
- Optimize blob storage performance and scalability
- Implement lifecycle management policies to automate data movement and deletion
- Determine the best pricing plans for your Azure Blob Storage

Module 3: Configure Azure Storage security

- Configure a shared access signature (SAS), including the uniform resource identifier (URI) and SAS parameters
- Configure Azure Storage encryption
- Implement customer-managed keys
- Recommend opportunities to improve Azure Storage security

Module 4: Secure and isolate access to Azure resources by using network security groups and service endpoints

- Identify the capabilities and features of network security groups
- Identify the capabilities and features of virtual network service endpoints
- Use network security groups to restrict network connectivity
- Use virtual network service endpoints to control network traffic to and from Azure services

Module 5: Guided Project - Azure Files and Azure Blobs

- Create and configure a storage account
- Create and configure blob storage
- Create and configure Azure Files
- Configure encryption for storage
- Configure networking for storage