



# Secure storage for Azure Files and Azure Blob Storage (AZ-1003)

## Description

### Master Securing Storage with AZ-1003 Training

In a world where data protection is critical, mastering storage security is essential. With our training program, “Secure storage for Azure Files and Azure Blob Storage (AZ-1003),” you will learn to safeguard your critical data using advanced tools like Azure Files and Azure Blob Storage. This course, designed for administrators, equips you with the skills to create and configure storage accounts while enhancing security through encryption techniques and robust network strategies.

The program covers all essential steps: from creating an Azure storage account to configuring network security groups, implementing Shared Access Signatures (SAS), and managing encryption keys. You'll also gain hands-on experience through interactive labs, allowing you to apply your knowledge in real-world scenarios.

### Why Choose This Azure Storage Training?

If you're looking to master Azure tools for secure storage, this training is ideal. It will not only help you protect your resources but also optimize data management in diverse professional environments. By enrolling, you'll benefit from a practical and educational approach tailored to the current needs of businesses.

#### Niveau

Intermédiaire

#### Course Content

##### Module 1: Create an Azure Storage Account

- Decide how many storage accounts you need
- Choose account settings
- Select an account creation tool

##### Module 2: Configure Azure Blob Storage

- Implement Azure Blob Storage
- Create blob containers

- Assign blob access tiers
- Add blob lifecycle management rules
- Determine blob object replication
- Upload blobs
- Determine Blob Storage pricing

### **Module 3: Configure Azure Files**

- Compare storage for file shares and blob data
- Manage Azure file shares
- Create file share snapshots
- Implement soft delete for Azure Files
- Use Azure Storage Explorer
- Consider Azure File Sync

### **Module 4: Configure Azure Storage Security**

- Review Azure Storage security strategies
- Create shared access signatures
- Identify URI and SAS parameters
- Determine Azure Storage encryption
- Create customer-managed keys
- Apply Azure Storage security best practices

### **Module 5: Secure and Isolate Access to Azure Resources**

- Use network security groups to control network access
- Secure network access to PaaS services with virtual network service endpoints
- Restrict access to Azure Storage using service endpoints

### **Module 6: Guided Project - Azure Files and Azure Blobs**

- Provide storage for the IT department testing and training
- Provide storage for the public website
- Provide private storage for internal company documents
- Provide shared file storage for the company offices
- Provide storage for a new company app

### **Lab / Exercises**

- This course provides you with exclusive access to the official Microsoft lab, enabling you to practice your skills in a professional environment.

### **Documentation**

- Access to Microsoft Learn, Microsoft's online learning platform, offering interactive resources and educational content to deepen your knowledge and develop your technical skills.

### **Participant profiles**

- System Administrators
- Cloud Engineers
- IT Security Managers
- IT Professionals Specialized in Data

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## Prerequisites

- Experience with the Azure Portal for creating resources
- Basic knowledge of unstructured data concepts (files and blobs)
- Understanding of fundamental security concepts (identities, permissions, encryption)

## Objectives

- Create and configure Azure storage accounts
- Implement and manage Azure Blob Storage
- Configure and optimize Azure Files
- Apply security strategies for Azure storage
- Implement encryption and customer-managed keys
- Secure access to resources using network security groups
- Use service endpoints to isolate resources
- Complete a practical project combining Azure Files and Blob Storage

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### Classroom Registration Price (CHF)

900

### Virtual Classroom Registration Price (CHF)

850

### Duration (in Days)

1

### Reference

AZ-1003