

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

Duration: 1 day

Audience: Professionnel TI

Who is this training for?

- Intermediate
- Administrator

Training objectives

- Understand secure storage in Azure
- Create and configure storage accounts
- Deploy and manage Azure Blob Storage and Azure Files
- Configure access, encryption, and security
- Secure access to data over the network
- Apply best practices and realize a concrete project

Summary

Applied Skills training courses are designed to validate specific skills by being oriented towards real-world scenarios. They offer a targeted alternative to traditional role-based certifications, with a focus on applying technical skills in real-world work situations. In this learning lab, you'll practice how to store corporate data securely using Azure Blob Storage and Azure Files. Validated skills include creating storage accounts, storage containers, and file shares. In addition, configure encryption and networking to improve security posture.

Course outline

- Create an Azure Storage account
- Configure Azure Blob Storage
- Configure Azure Storage security
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Secure and isolate access to Azure resources using network security groups and service endpoints

- Guided project - Azure Files and Azure Blobs
- Learn about other Applied Skills: Microsoft applied skills (afiexpertise.com)

Approach and methodology

Practical and structured approach combining focused theory and guided workshops. Participants gradually secure storage with Azure Files and Azure Blob Storage through real-world exercises inspired by business scenarios, promoting immediate application of learning. They learn how to configure access controls, protect data, and ensure compliance for storage solutions in Azure. Led by a Microsoft certified trainer, the training focuses on interactivity and the development of directly transferable technical skills to manage secure storage solutions in a professional context.

Prerequisites

- Experience using the Azure portal to create resources.
- Basic knowledge of unstructured data such as blobs and files.
- Basic knowledge of security concepts such as identities, authorizations, and encryption.
- Basic knowledge of networking concepts such as virtual networks and subnets.
- You need an Azure subscription to complete these exercises. If you don't have an Azure subscription, create a free account and add a subscription before you begin. If you're a student, you can take advantage of the Azure for Students offer.

Recommendations

- Basics of data storage (files, objects, cloud concepts)
- Knowledge of Microsoft Azure environments
- Understanding of data security concepts (encryption, access, roles)
- Notions of networking (access, endpoints, security)
- Familiarity with identity management (Microsoft Entra ID)