

KOENIG SOLUTIONS • COURSE OUTLINE

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

Learn to create, configure and secure Azure Files and Azure Blob Storage, including encryption and network access.

8 Hours

DURATION

5

MODULES

22

TOPICS

COURSE OVERVIEW

This course covers creating and configuring Azure storage accounts, including tier, redundancy, secure transfer and replication settings. It then addresses creating and configuring Blob Storage containers and access levels, tiers, lifecycle management and data protection, followed by creating Azure Files shares with performance tiers and data protection. Encryption is covered for data at rest, using Microsoft managed and customer managed keys, and for data in transit. The course concludes with configuring networking for storage through private endpoints, service endpoints, and storage firewalls and virtual networks.

WHO THIS COURSE IS FOR

Storage Administrators

Cloud Administrators

Azure Administrators

Security Engineers

Infrastructure Engineers

LEARNING OBJECTIVES

- Configure storage account tiers, redundancy and replication settings
- Create and configure Blob Storage containers and access levels
- Apply Blob Storage tiers and lifecycle management policies
- Create and configure Azure Files shares and performance tiers
- Configure data protection for Blob Storage and Azure Files
- Configure encryption for data at rest and in transit
- Implement private endpoints and service endpoints for storage
- Configure storage firewalls and virtual network access

5 Modules, 22 Topics

Tasks at a Glance

01

Create and Configure a Storage Account

TOPICS

- Configure the appropriate storage account tier (standard versus premium)
- Configure redundancy settings
- Configure secure transfer and TLS version
- Configure replication
- **Supporting module(s):** Create an Azure Storage account

02

Create and Configure Blob Storage

TOPICS

- Create a Blob Storage container
- Configure access level for Blob Storage
- Configure the Blob Storage tiers
- Configure lifecycle management
- Configure data protection for Blob Storage
- **Supporting module(s):** Configure Azure Blob Storage

03

Create and Configure Azure Files

TOPICS

- Create an Azure Files share
- Configure performance tiers
- Configure data protection for Azure Files
- **Supporting module(s):** Plan and implement security for storage

04

Configure Encryption

TOPICS

- Configure encryption for data at rest, including Microsoft managed keys and customer managed keys
- Configure encryption for data in transit
- **Supporting module(s):** Configure Azure Storage security

05

Configure Networking for Storage

TOPICS

- Create and configure private endpoints
- Create and configure service endpoints
- Configure Azure Storage firewalls and virtual networks
- **Supporting module(s):** Secure and isolate access to Azure resources by using network security groups and service endpoints

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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