

# Storage Essentials

A Click-to-Run™ Solution from TD SYNEX

TD SYNEX Storage Essentials was designed to allow partners to easily customize and deploy a data management solution on Azure. When combining the configurations for Azure File Sync, Azure Files, and Archiving the solution automatically provisions an environment that is flexible, cost effective, and easy to manage.

This solution centralizes files into a versatile, flexible and high performing File Share with the ability to collaborate, store, and share files across multiple locations securely via HTTPS. Storage Essentials creates a cloud-based storage service that enables you to develop and use network file shares in the cloud using SMB and API's with the option to use File Sync services for caching file shares locally. This solution is designed to allow the user to build a long term storage and archive environment. It deploys a resource group to house the storage account which leverages the massively scalable blob storage.

## Key Features

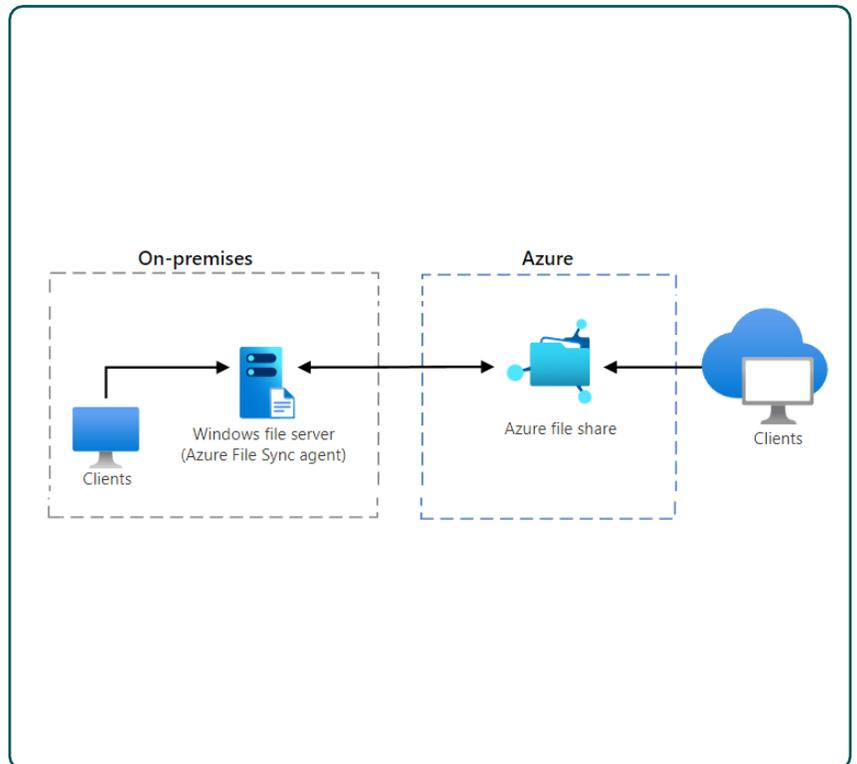
- Binary Large Object (BLOB) Storage
- Hot or Cool tier storage options, supports locally redundant and geo redundant storage with standard or premium tier options
- PowerShell cmdlets, and Azure CLI can be used to create, mount, and manage Azure File Shares.
- Smart Caching with File Sync including cloud tiering, multi site sync, and rapid file server DR.
- Security features include encryption of data at rest and in transit.

## Core Infrastructure

- Azure Tenant
- Storage Account
- Resource Group
- Blob Containers
- File Share- Setting Quota
- Storage Sync Services
- Grouped File Share
- Cloud Tiering

## Business Outcomes

- Ability to scale
- Secure encrypted storage, securely share data
- Simplify Cloud development
- Replace or supplement file servers



## Deployment Options

### Location, Resource Groups & Replication

- Choose Azure Region
- Choose LRS or GRS storage
- Complete File Storage Sync Deployment
- Set the File Share Quota (128 GB – 5 TB)

### Storage Options

- Region
- 2 Configurable BLOB Containers
- Hot or Cool Storage
- Storage Type (LRS, GRS)
- Storage account encryption