

Manage Azure File Sync



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Overview



Configure Azure File Sync

- Create server endpoints
- Configure cloud tiering

Monitor File Sync

Migrate DFS to Azure File Sync



Manage Storage and File Services

Configure Azure File Sync

Manage Azure File Sync

Configure and Manage Windows Server File Shares

Configure Windows Server Storage

Manage Windows Server Storage



Configure Azure File Sync



AFS Server Endpoints

**Local path: No UNC,
no NAS**

**Volume endpoints
can't use tiering**

**Sync group: 1 reg
server per endpoint**

New-StorageSyncNetworkLimit



Cloud Tiering



Save space on your local file servers

- Hot files are cached locally
- Cool files are offloaded to Azure

Offloaded files are shown in directory listings as reparse points

AFS recalls the files on demand

Compatible with data deduplication

Monitor Azure File Sync



Azure Monitor Metrics and Alerts

Home > Monitor - Workbooks - Azure File Sync

Monitor - Workbooks - Azure File Sync

Microsoft

Search (Ctrl+/)

Overview

Activity log

Alerts

Metrics

Logs

Service Health

Workbooks

Insights

Applications

Virtual Machines (preview)

Storage Accounts (preview)

Containers

Networks (preview)

Insights

Applications

Virtual Machines (preview)

Storage Accounts (preview)

Storage Accounts (preview)

Containers

Networks (preview)

Cosmos DB (preview)

More

Settings

Diagnostics settings

Autoscale

Support + Troubleshooting

Usage and estimated costs

Advisor recommendations

New support request

Gallery Edit

TimeRange: Last 30 days Workspace: All StorageSync: MVP_FileSync

Name

Bytes synced (S...

Cloud tiering re...

Cloud tiering recall Timeline

Files not synchron...

Files Synced (Su...

Server O...

Sync Sess...

MVP_FileSync

1

1

Azure File Sync - Event Logs

Event logs from the local Agent running Azure File Sync

Select count to see logs below.

Error

66

Warning

10

Showing EventLevel Logs for Error

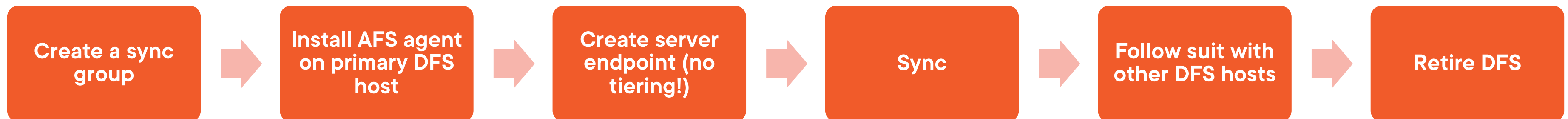
TimeGenerated	EventLog	Computer	RenderedDescription	Message
1/21/2020, 8:21:19 AM	Microsoft-FileSync-Management/Diagnostic	HV01.Sandlot.dom	[ERROR]: CallingFunction: TryGetValue@RegistryUtility.cs[...	LCID:1033 Locale;ENU Message:[ERROR]: %1
1/21/2020, 8:21:19 AM	Microsoft-FileSync-Management/Diagnostic	HV01.Sandlot.dom	[ERROR]: CallingFunction: GetPollingIntervalInMs@Mana...	
1/21/2020, 8:21:19 AM	Microsoft-FileSync-Management/Diagnostic	HV01.Sandlot.dom	[ERROR]: CallingFunction: TryGetValue@RegistryUtility.cs[...	
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1/21/2020, 8:21:19 AM	Microsoft-FileSync-Management/Diagnostic	HV01.Sandlot.dom	[ERROR]: CallingFunction: GetPollingIntervalInMs@Mana...	
1/21/2020, 8:21:19 AM	Microsoft-FileSync-Management/Diagnostic	HV01.Sandlot.dom	[ERROR]: CallingFunction: TryGetValue@RegistryUtility.cs[...	
1/21/2020, 8:21:19 AM	Microsoft-FileSync-Management/Diagnostic	HV01.Sandlot.dom	[ERROR]: CallingFunction: GetPollingIntervalInMs@Mana...	
1/22/2020, 10:38:38 PM	Microsoft-FileSync-Management/Operational	HV01.Sandlot.dom	Querying for new jobs failed. HttpStatusCode: 0x80C87014...	
1/22/2020, 10:39:19 PM	Microsoft-FileSync-Management/Operational	HV01.Sandlot.dom	Querying for new jobs failed. HttpStatusCode: 0x80C87014...	
1/22/2020, 10:37:57 PM	Microsoft-FileSync-Management/Diagnostic	HV01.Sandlot.dom	[ERROR]: CallingFunction: HandleFailure@BaseProtocolCli...	LCID:1033 Locale;ENU Message:[ERROR]: %1
1/22/2020, 10:37:57 PM	Microsoft-FileSync-Management/Diagnostic	HV01.Sandlot.dom	Querying for new jobs failed. HttpStatusCode: 0x80C87014...	LCID:1033 Locale;ENU Message:Querying for new jobs fail...



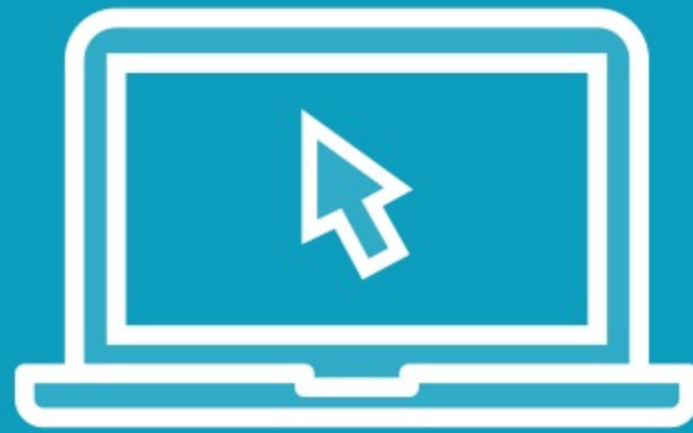
Migrate DFS to Azure File Sync



Migrate DFS-R to AFS



Demo



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Configure AFS tiering

Verify

Monitor

MMA installation, Control Panel

AFS log collection

Metrics

Log alert

DFS?



Summary



AFS is an example of Microsoft's clever use of the Azure Files service

Learning Azure Monitor and Kusto will carry you a long way in:

- Your certification journey
- Your career



Up Next:

Configure and Manage Windows Server
File Shares

