



Migrating Home Folders To OneDrive For Business





Ancient Library of Alexandria

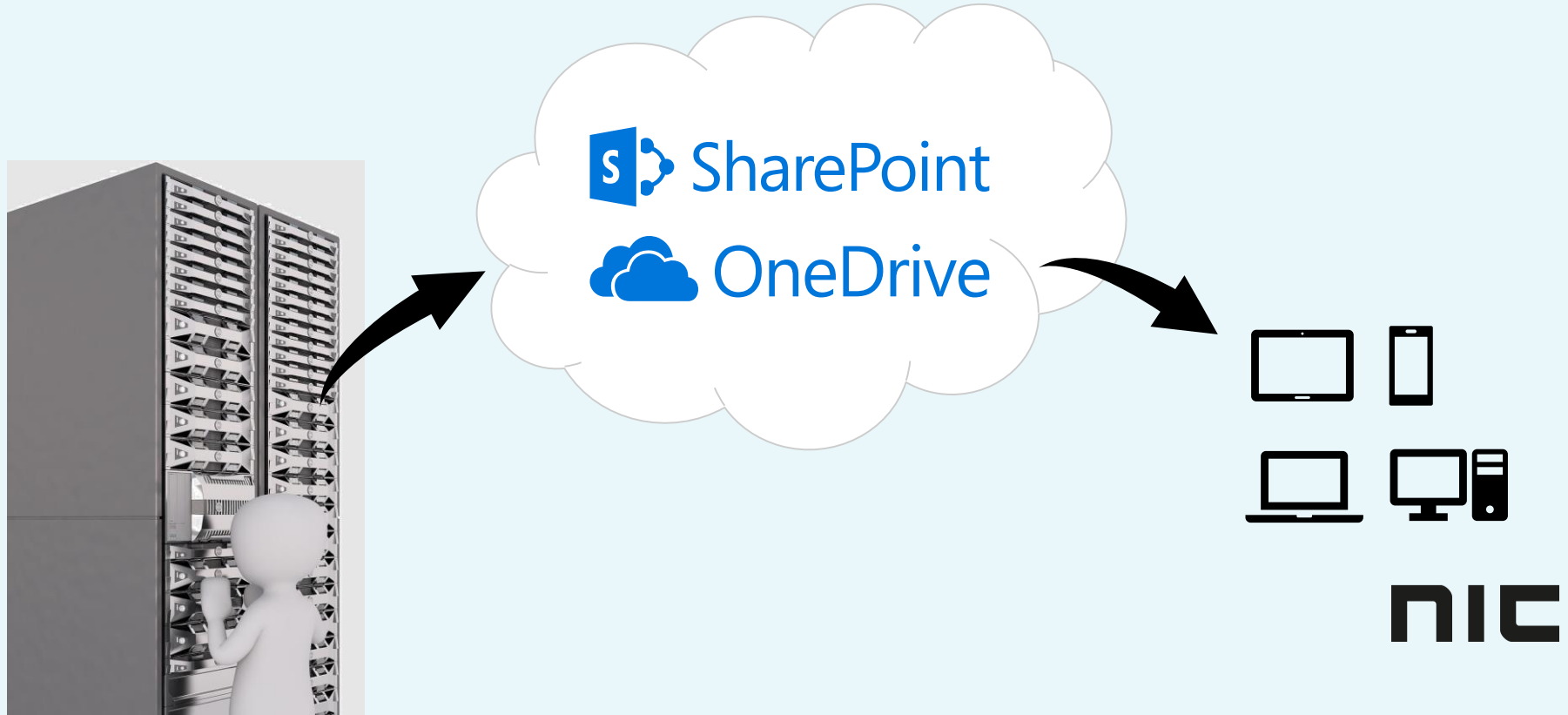


Alexandria



**Serapeum
Offshoot Collection**

And Then Back To The Future





OneDrive
for Business



SharePoint

NIC

DEMO:



OneDrive
for Business



SharePoint

Planning And Preparations

OneDrive Limitations

- Characters
<, >, :, ", |, ?, *, /, \
- File Names
Icon, .lock, CON, PRN, AUX, NUL, COM1-9 And LPT1-9
- Folder Names
_t and _w
- Max 400 characters file name paths

OneDrive Limitations

- 15 GB file size limit
- If Files < 100,000 Then {multiple folders/libraries}





Dem Olav

Password



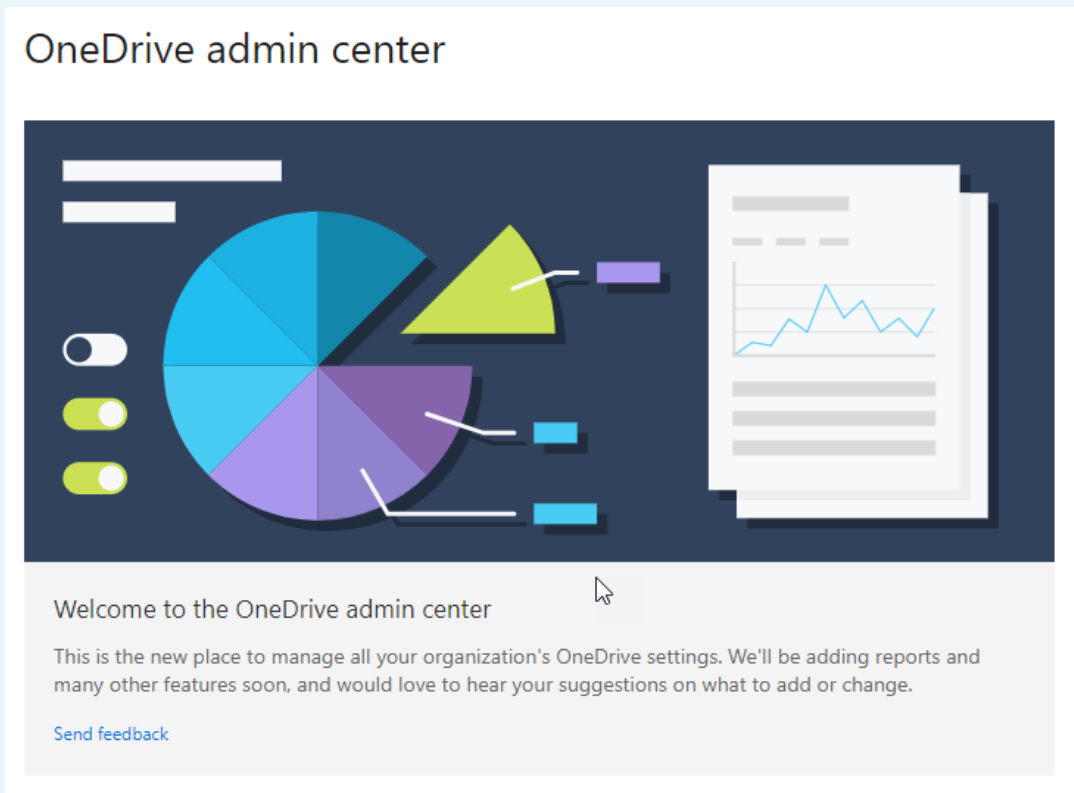
Sign-in options

Search Script

```
[Parameter(Mandatory=$false, ValueFromPipeline=$True, Position=0)]  
[string]$Path,  
[string]$InvalidFilenameCharacters='<|>|:|"/\|\\|?|\*|/|\\|',  
[string]$InvalidFileNames='^Icon$|^\.lock$|^CON$|^PRN$|^AUX$|^NUL$|^COM1$|^COM2$|^  
[string]$InvalidFolderNames='^_t$|^_w$|^_vti_$',  
[string]$InvalidRootFolderNames='^forms$',  
[int]$NumberOfFilesLimit=100000,  
[int]$FilePathLengthLimit=400,  
[int]$FileSizeLimitGB=15,  
[string]$WarningFileNames='.exe$|.hlp$|.hta$|.inf$|.ins$|.isp$|.its$|.js$|.jse$|^  
[int]$WarningFileSizeLimitMB=200,  
[string]$OutFile,  
[switch]$OutGridView
```

<https://olavtvedt.blogspot.com>

OneDrive for Business Admin Center



<https://admin.onedrive.com/>

OneDrive for Business Admin Center

Settings open environments

Sharing

Use these settings to control sharing with people outside your organization.
[Learn more about external sharing](#)

Let users share SharePoint content with external users ☒

Users can share with:

New and existing external users (sign-in required) ▼

Let users share OneDrive content with external users ☒

This setting must be at least as restrictive as your SharePoint setting.
Users can share with:

New and existing external users (sign-in required) ▼

Default sharing links

☐ Direct - only people who already have permission

☒ Internal - only people in the organization

☐ Anonymous access - anyone with the link

Limit external sharing by domain

☐ Allow or block sharing with people on selected domains

What can external users do

☒ External users must accept sharing invitations using the same account that the invitations were sent to

☒ Let external users share items they don't own

Share recipients

Setting closed environments

Sharing

Use these settings to control sharing with people outside your organization.
[Learn more about external sharing](#)

Let users share SharePoint content with external users ☐

Let users share OneDrive content with external users ☐

This setting must be at least as restrictive as your SharePoint setting.
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Default sharing links

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☒ Internal - only people in the organization

☐ Anonymous access - anyone with the link

Device access

Control access based on network location

☐ Allow access only from specific IP address locations

Group Policy

Use Group Policy to control OneDrive sync client settings

Applies To: Office 365 Admin, Office 365 Small Business Admin, OneDrive for Business

Last updated: May 2017

This article is for IT admins managing the OneDrive sync client in a Windows Server enterprise environment that uses Active Directory Domain Services. The Group Policy objects are available as part of the [OneDrive Deployment Package](#).



Group Policy

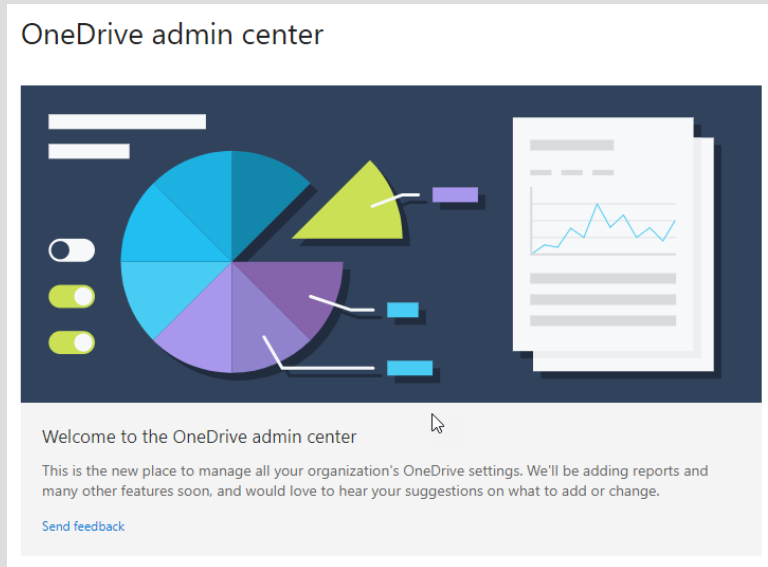
The screenshot shows the Group Policy Management Editor window. The left pane displays the hierarchy: Client-Config [DC02.DEMO.LAE] > Computer Configuration > Policies > Administrative Templates > OneDrive. The right pane lists several settings, with 'Prevent users from changing the location of their OneDrive folder' selected and set to 'Enabled'.

Setting	State
Set the default location for the OneDrive folder	Enabled
Prevent users from changing the location of their OneDrive folder	Enabled
Prevent users from synchronizing personal OneDrive accounts	Not configured
Set the maximum download bandwidth that OneDrive.exe uses	Not configured
Coauthoring and in-app sharing for Office files	Not configured
Delay updating OneDrive.exe until the second release wave	Not configured
Users can choose how to handle Office files in conflict	Not configured
Prevent users from using the remote file fetch feature to access files	Not configured
Set the maximum upload bandwidth that OneDrive.exe uses	Not configured

The 'Prevent users from changing the location of their OneDrive folder' dialog box is open. It shows the policy is 'Enabled' and supported on 'At least Windows Server 2008 R2 or Windows 7'. The 'Options' section is empty. The 'Show Contents' dialog box is also open, displaying a table with tenant GUIDs and values.

Value name	Value
272a4bcd-72d0-4b66-8495-1bb9e8d05b0e	1

Show & Tell: OneDrive Admin Center



Migration – Folder Redirection



Dem Olav

 →

Sign-in options



ENG
NO



Migration – File Copy



Dem Olav

 →

Sign-in options



Copy Files

- Permissions!
- Manual or Scripts
- Sharepoint Migration Tool

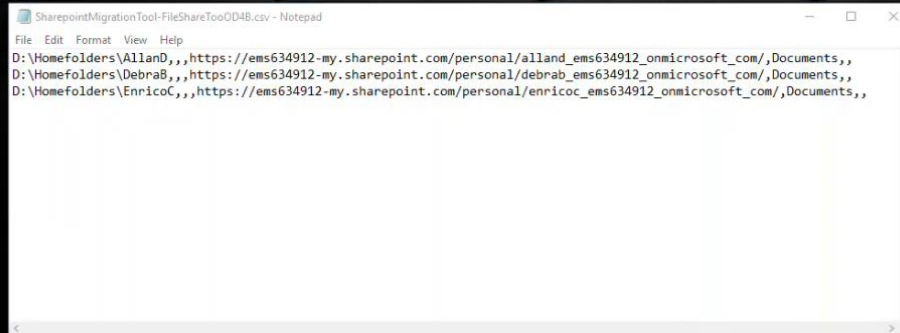
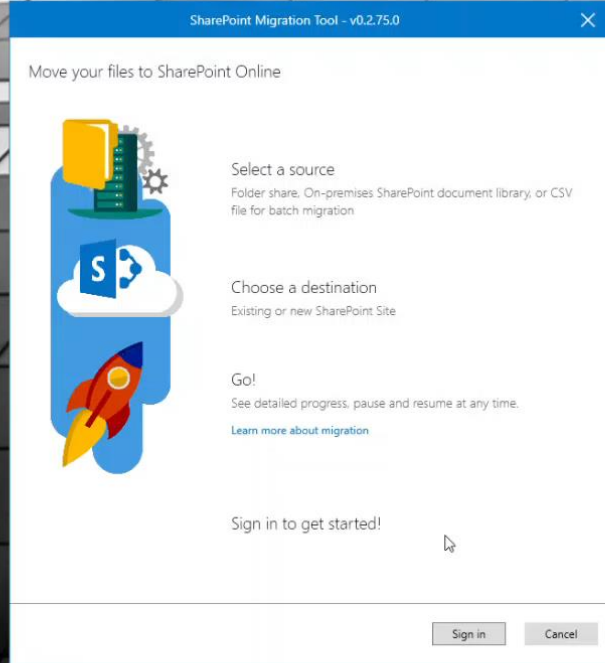
<https://support.office.com/en-us/article/Introducing-the-SharePoint-Migration-Tool-9c38f5df-300b-4adc-8fac-648d0215b5f7>

O365Migrator

<https://gallery.technet.microsoft.com/office/O365Migrator-bf176062>

- Third Party
 - Sharegate
 - Metalogic
 - Etc

Migration – SharePoint Migration Tool



Migration – Tenant too Tenant



Sharegate

Explorer

Reporting

Inventory

Migration

All Tasks

Settings

Give Feedback

PowerShell

Need Help?

Explorer

The list of groups could not be retrieved from the Office Graph. This error can happen if you don't have sufficient permissions to delegate.

M365x444564

Office 365 Tenant

Search in M365x444564

M365x444564

Object

Last Modified

Adam Wallen

https://m365x444564-my.sharepol...

1/26/2018

Adela Vance

https://m365x444564-my.sharepol...

1/26/2018

Alex Wilber

https://m365x444564-my.sharepol...

1/26/2018

Allan Deyoung

https://m365x444564-my.sharepol...

1/30/2018

Christie Cline

https://m365x444564-my.sharepol...

1/30/2018

Debra Berger

https://m365x444564-my.sharepol...

Navigate

Diego Siciliani

https://m365x444564-my.sharepol...

1/30/2018

Adam Wallen

OneDrive for Business

https://m365x444564-my.sharepoint.com/persona...

Bulk Edit Content

Download Content

Permissions Matrix Report

External Sharing Report

Audit Report

Activate Auditing

Remove Permissions

Check Permissions

Copy User Permissions

Clean Orphaned Users

Clean Limited Access

Edit



```
Untitled - Notepad
File Edit Format View Help
Source Admin: admin@M365x444564.onmicrosoft.com
Destination Admin: admin@EMS634912.onmicrosoft.com
```

Monitoring

Monitoring

- Office 365 Admin Portal
- Security & Compliance
- Cloud App Security
- Powershell
- Homefolder
- Thirdpart Software
 - Sharegate



Office 365

Admin center



Cloud App Security



Discover

Investigate

Control

Alerts



Microsoft

Cloud App Security



Discover

Investigate

Control

Alerts

88



Microsoft



Microsoft OneDrive for Business Cloud storage

Dashboard

Info

Insights

Files

Accounts

Live activity

Alerts

View

File types

Text

Image

Spreadsheet

Other

Document

Presentation

View

View

View

View

View

View

View

View

View

View

View

View

View

View

View

View

View

View

File sharing permissions



- Text
- Image
- Spreadsheet
- Other
- Document
- Presentation



- Public
- Internal
- Public (Internet)
- Private
- External

Top users sharing files



2,936 docs shared
904 docs shared
238 docs shared
230 docs shared
62 docs shared
46 docs shared
25 docs shared
24 docs shared
14 docs shared
13 docs shared

External collaborators



894 docs shared
20 docs shared
20 docs shared
20 docs shared
18 docs shared
12 docs shared
12 docs shared
12 docs shared
11 docs shared
11 docs shared



**“I never lose.
I either win or learn”
- Nelson Mandela**

NIC

Alexander Solaat Rødland
Consultant
alexander.rodland@lumagate.com



Olav Tvedt
Principal Solutions Architect
olav.tvedt@lumagate.com



www.lumagate.com

<http://solaat.no> | twitter: @alexsolaat
<https://olavtvedt.blogspot.com> | twitter: @olavtwitt

Resources

Slides and demos from the conference will be available at
github.com/nordicinfrastructureconference/2018 (bit.ly/2y7JhA3)