

VEEAMON2019

Migrating File Servers to Office 365

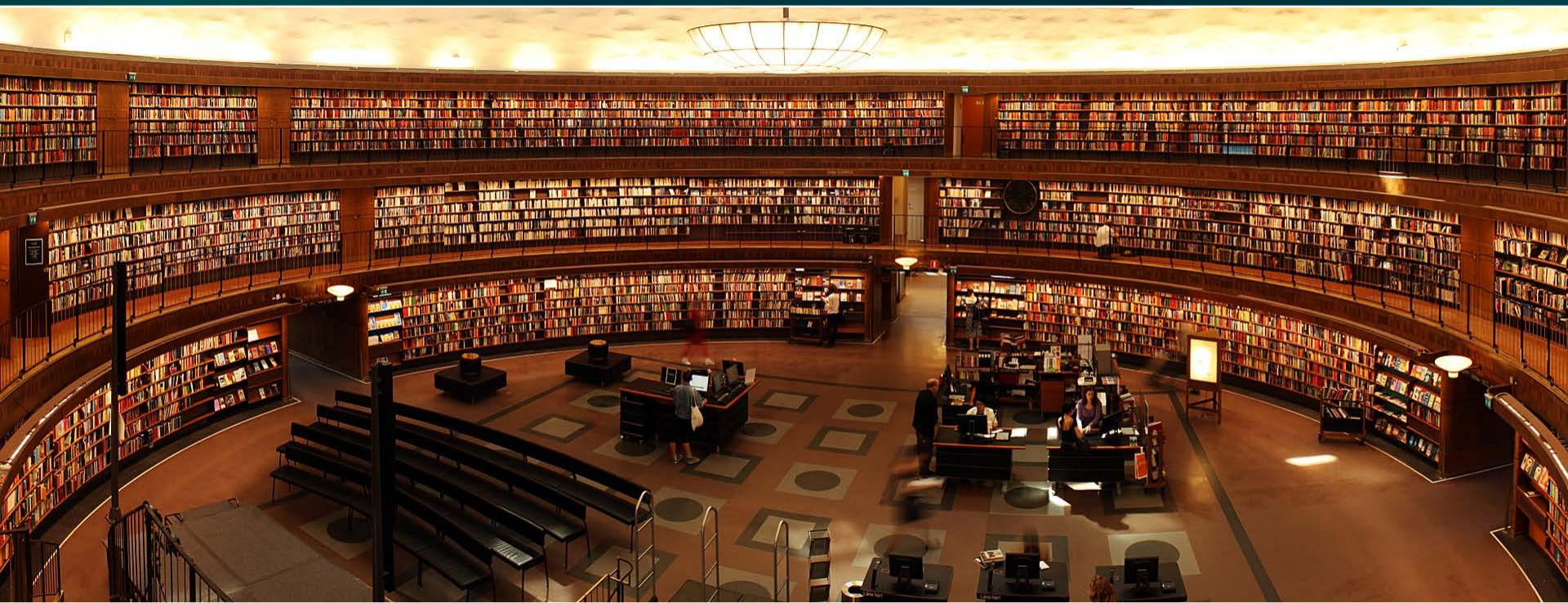


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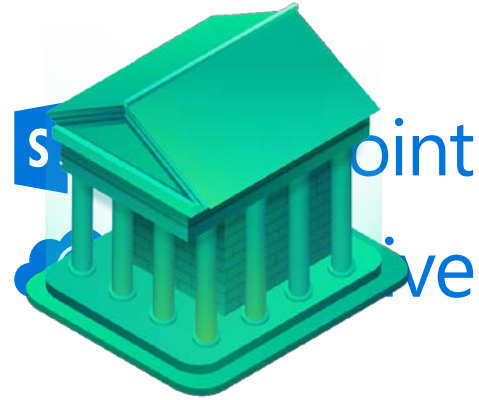


Rick Vanover
Senior Director, PS
@RickVanover

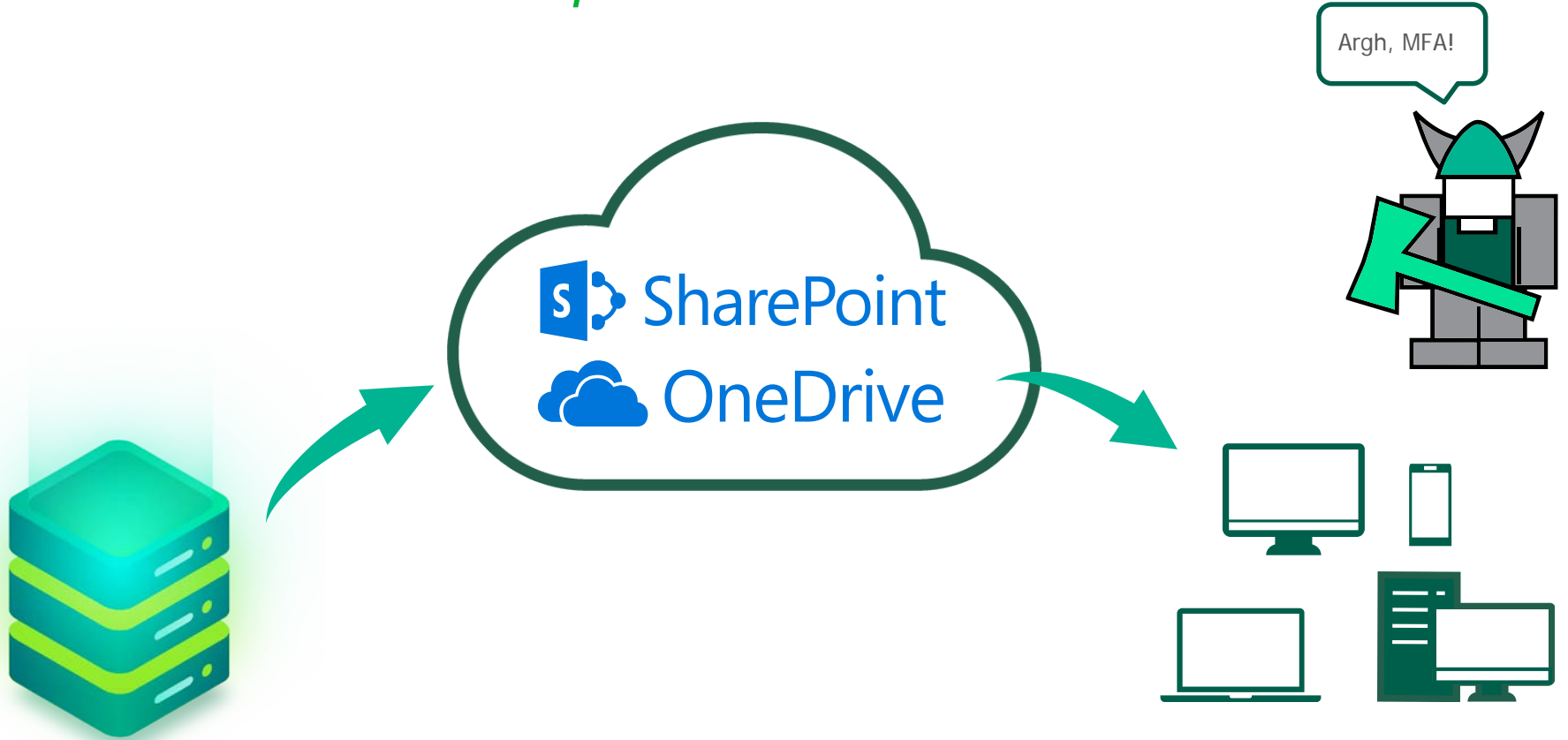




Ancient Library of Alexandria



And then, back to the future





Agenda

Planning

- What kind of use?
- Console, restructure

Implementing

- Home folder migration

Controlling and monitoring

- Microsoft Office 365 & Veeam®

Preparation



Prerequisites

- Create a migration server
- Significant bandwidth
- Create a service account
- Have adequate licenses for the users



Testing

- Testing
- Identify unsupported files and folders



On-premises file server

- Ensure that backup has been performed for all folders
- File server testing
- Replace unsupported file characters



Installation and staging



Installations

SharePoint Online
PowerShell module
Azure AD PowerShell
module
SharePoint Migration
Tool



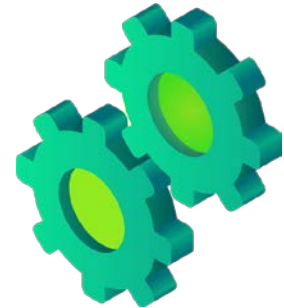
Office 365

Assign licenses to user
Analyze storage
File server and
OneDrive for Business
Set OneDrive Storage
space

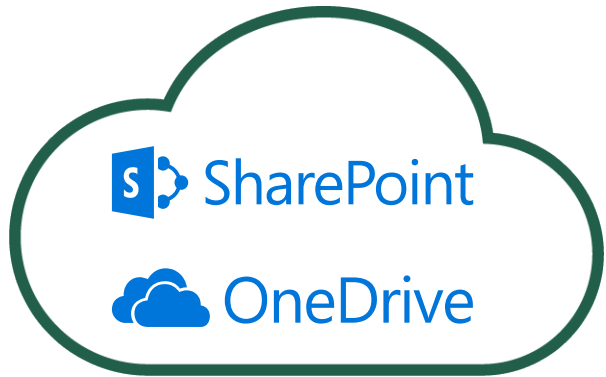


OneDrive for Business

Pre-stage OneDrive
for Business sites
Export all OneDrive
for Business site URLs
in the tenant —
validate sites



Migration



OneDrive Client

OneDrive for Business client deployment
Configure OneDrive for Business
Known folder redirection?



SharePoint Migration Tool

OneDrive for Business layout discussion
Assign secondary admin to all OneDrive for Business sites
Migrate
Remove secondary admin to all OneDrive for Business sites



Review

Review logfiles
Merge those with same name

Cleanup and repeat



Remove files

Delete files from file server after N days

Repurpose file server / file shares



Next phase

User adoption for Sharepoint Online / Teams

Restructure:

- File share
- Service share



Repeat

Repeat the process with shared folders

Provision OneDrive sites



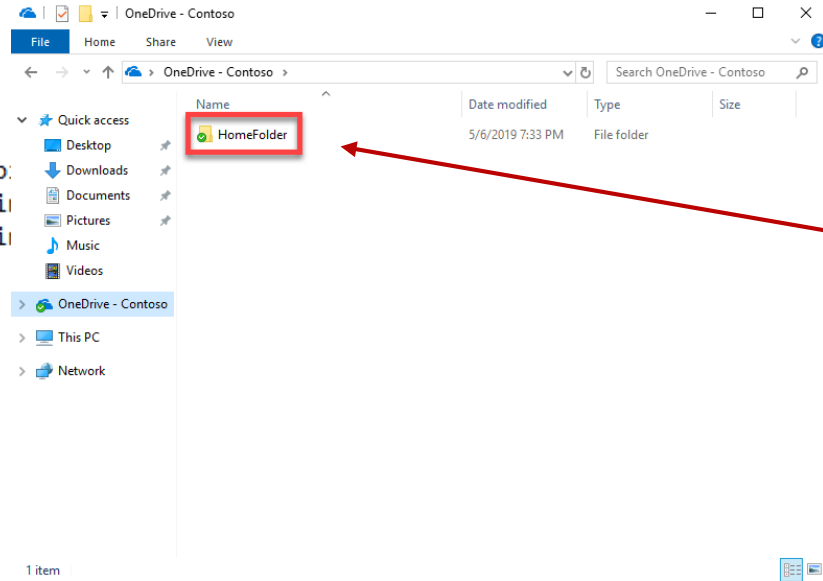
```
#####  
#ODFB Bulk Provisioning  
#Copyright:    Free to use, please leave this header intact  
#Author:       Jos Lieben (OGD)  
#Company:      OGD (http://www.ogd.nl)  
#Script help:  http://www.lieben.nu  
#Purpose:      Provision Onedrive for all users in Office 365  
#####  
#Changes:  
#V0.2 fixed a bug, .Clear() does not function as expected in Powershell, = @() does.  
#####  
#Requirements:  
#####  
<#MS Online Services Signin Assistant:  
https://www.microsoft.com/en-us/download/details.aspx?id=41950  
Azure AD Module (x64):  
http://social.technet.microsoft.com/wiki/contents/articles/28552.microsoft-azure-active-directory-powershell-module-version-release-history.aspx  
Powershell 4  
.NET 4.5  
Sharepoint Server 2013 Client Components  
http://www.microsoft.com/en-us/download/details.aspx?id=35585  
run "Set-Executionpolicy Unrestricted" in an elevated powershell window  
Windows 7+ or Windows Server 2008+  
#>
```

<https://gallery.technet.microsoft.com/office/Onedrive-for-Business-c2c79e34>

Create the CSV file



```
\\file-bergen\home$\alex,,https://m365x900042-my.sharepo:  
\\file-dallas\home$\bob,,https://m365x900042-my.sharepoi  
\\file-miami\home$\rick,,https://m365x900042-my.sharepoi
```



```
ts,  
s,  
ts, HomeFolder
```

Scan for unsupported characters

```
$Global:FilePath = "C:\Tools\" #Path to csv file
$Global:CsvName = "users.csv" # Name of csv file
$Global:Csv = $Global:FilePath + $Global:CsvName
$csvItems = import-csv $Csv -Header c1,c2,c3,c4,c5,c6

ForEach ($item in $csvItems.c1) {
$Folder = $item
$Items = Get-ChildItem -Path $Folder -Recurse

$UnsupportedChars = '!&{~#%'

foreach ($item in $items){

    filter Matches($UnsupportedChars){
$item.Name | Select-String -AllMatches $UnsupportedChars |
Select-Object -ExpandProperty Matches
Select-Object -ExpandProperty Values
}
$newFileName = $item.Name
Matches $UnsupportedChars | ForEach-Object {
    Write-Host "$($item.FullName) has the illegal character $($_.Value)" -ForegroundColor Red
    #These characters may be used on the file system but not SharePoint
    if ($_.Value -match "&") { $newFileName = ($newFileName -replace "&", "and") }
    if ($_.Value -match "{") { $newFileName = ($newFileName -replace "{", "(") }
    if ($_.Value -match "}") { $newFileName = ($newFileName -replace "}", ")") }
    if ($_.Value -match "~") { $newFileName = ($newFileName -replace "~", "-") }
    if ($_.Value -match "#") { $newFileName = ($newFileName -replace "#", "nr") }
    if ($_.Value -match "%") { $newFileName = ($newFileName -replace "%", "") }
    if ($_.Value -match "!") { $newFileName = ($newFileName -replace "!", "") }
}
if (($newFileName -ne $item.Name)){
    Rename-Item $item.FullName -NewName ($newFileName)
    Write-Host "$($item.Name) has been changed to $newFileName" -ForegroundColor Green
}
}
}
```

Grant access and migrate

```
$Global:FilePath = "C:\Tools\" #Path to csv file
$Global:CsvName = "users.csv" # Name of csv file
$Global:Csv = $Global:FilePath + $Global:CsvName
$Global:sSPOAdminCenterUrl = "https://tehaname-admin.sharepoint.com"
$Global:AdminUserName = "svc_migration@innofactor.com"
$Global:AdminPassWord = ConvertTo-SecureString -String "SecurePassword" -AsPlainText -Force
$Global:SPOCredential = New-Object -TypeName System.Management.Automation.PSCredential -ArgumentList $Global:AdminUserName, $Global:AdminPassWord
$Global:WorkingFolder = "D:\Migration-Temp"

Connect-SPOService -Url $sSPOAdminCenterUrl -Credential $SPOCredential
Register-SPMTMigration -SPOCredential $Global:SPOCredential -Force -MigrateOneNoteFolderAsOneNoteNoteBook 1 -SkipFilesWithExtension json -WorkingFolder $Global:WorkingFolder

$csvItems = import-csv $Csv -Header c1,c2,c3,c4,c5,c6

Write-Output "-----" >> $FilePath\Set-SecondaryOwvnerODcsv.log
Write-Output "Started Set-SecondaryOwvnerODcsv.ps1 Process - $(Get-Date)" >> $FilePath\Set-SecondaryOwvnerODcsv.log

ForEach ($item in $csvItems){
  Set-SPOUser -Site $item.c4 -LoginName $Global:AdminUserName -IsSiteCollectionAdmin $True -ErrorAction SilentlyContinue | Out-Null
  Write-Output "$(Get-Date) - Added $($Global:AdminUserName) as secondary admin to the site $($item.c4)" >> $FilePath\Set-SecondaryOwvnerODcsv.log
  Write-Host $item.c1
  Add-SPMTTask -FileShareSource $item.c1 -TargetSiteUrl $item.c4 -TargetList $item.c5 -TargetListRelativePath $item.c6
}
Write-Output "Ended Set-SecondaryOwvnerODcsv.ps1 Process - $(Get-Date)" >> $FilePath\Set-SecondaryOwvnerODcsv.log

Start-SPMTMigration

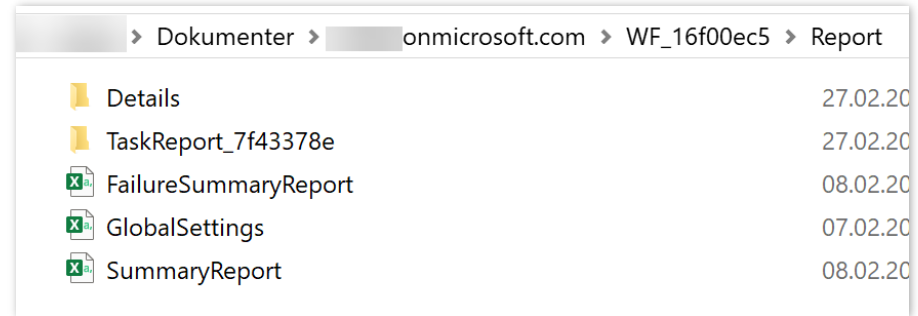
Write-Output "-----" >> $FilePath\Remove-SecondaryOwvnerODcsv.log
Write-Output "Started Remove-SecondaryOwvnerODcsv.ps1 Process - $(Get-Date)" >> $FilePath\Remove-SecondaryOwvnerODcsv.log

ForEach ($item in $csvItems){
  Set-SPOUser -Site $item.c4 -LoginName $Global:AdminUserName -IsSiteCollectionAdmin $False -ErrorAction SilentlyContinue | Out-Null
  Write-Output "$(Get-Date) - Removed $($Global:AdminUserName) as secondary admin to the site $($item.c4)" >> $FilePath\Remove-SecondaryOwvnerODcsv.log
}
Write-Output "Ended Remove-SecondaryOwvnerODcsv.ps1 Process - $(Get-Date)" >> $FilePath\Remove-SecondaryOwvnerODcsv.log
```

Merge and review logs

```
$files = ls -Path . -Filter "SummaryReport*.csv" -Recurse -ErrorAction SilentlyContinue |  
Select-Object  
-ExpandProperty FullName | Import-Csv | Export-Csv .\mergedSummaryReport.csv -  
NoTypeInfoInformation -Append
```

- WF_16f00ec5
- WF_137e13d3
- WF_bf62d3e4



Dokumente > onmicrosoft.com > WF_16f00ec5 > Report	
Details	27.02.20
TaskReport_7f43378e	27.02.20
FailureSummaryReport	08.02.20
GlobalSettings	07.02.20
SummaryReport	08.02.20

Cleanup

Delete or archive the files

```
$Global:FilePath = "C:\Temp\" #Path to csv file
$Global:CsvName = "users.csv" # Name of csv file
$Global:Csv = $Global:FilePath + $Global:CsvName

$csvItems = import-csv $Csv -Header c1,c2,c3,c4,c5,c6

if (-not (Test-Path $FilePath\Logs)) { md $FilePath\Logs }

Write-output "Purge started $(Get-Date)" >> $FilePath\Logs\RemovedFilesLog.csv

ForEach ($path in $csvItems.c1) {
    $files = ls -Path $path -Filter "*" -Recurse -ErrorAction SilentlyContinue |
    Select-Object -ExpandProperty FullName
    ForEach ($item in $files) {
        Remove-Item -force -path $item
        Write-Output "The following file was removed: $item" >>
        $FilePath\Logs\RemovedFilesLog.csv
    }
}

Write-output "Purge ended $(Get-Date)" >> $FilePath\Logs\RemovedFilesLog.csv
```

OneDrive & SharePoint Online limitations

Characters that aren't allowed in file and folder names in OneDrive, OneDrive for Business on Office 365, and SharePoint Online

" * : < > ? / \ |

Characters that aren't allowed in file and folder names in OneDrive for Business on SharePoint Server 2013

~ " # % & * : < > ? / \ { | } .

OneDrive & SharePoint Online limitations

These names aren't allowed for files or folders: **.lock**, **CON**, **PRN**, **AUX**, **NUL**, **COM1 - COM9**, **LPT1 - LPT9**, **_vti_**, **desktop.ini**, any filename starting with **~\$**.

VTI may be your friend!

Notes:

- "_vti_" cannot appear anywhere in a file name
- "forms" isn't supported when the folder is at the root level for a library.
- You can't create a folder name in SharePoint Online that begins with a tilde (~).



OneDrive limitations



15 GB file size limit

If files < 100,000 then {multiple folders / libraries}

RMS are synced read only

(Live) demo



Recycle Bin



Microsoft Edge



Microsoft Teams



ENG 6:05 PM
NO 5/12/2019



OneDrive for Business Admin Center

Sharing

Use these settings to customize how sharing works in OneDrive and SharePoint.
[Learn more about external sharing](#)

Links

Choose the kind of link that's selected by default when users share items.

Default link type

- Shareable: Anyone with the link
- Internal: Only people in your organization
- Direct: Specific people

Advanced settings for shareable links

External sharing

Users can share with:

SharePoint OneDrive

<input type="radio"/>	Most permissive	<input type="radio"/>	Anyone Users can create shareable links that don't require sign-in.
<input type="radio"/>		<input type="radio"/>	New and existing external users External users must sign in.
<input type="radio"/>		<input type="radio"/>	Existing external users Only users already in your organization's directory.
<input type="radio"/>	Least permissive	<input type="radio"/>	Only people in your organization No external sharing allowed.

Your sharing setting for OneDrive can't be more permissive than your setting for SharePoint.

Advanced settings for external sharing

Other settings

- Display to owners the names of people who viewed their files

Advanced settings for shareable links

Links must expire within this number of days:

Files:

Folders:



Controlling & monitoring

Office 365 Admin Portal

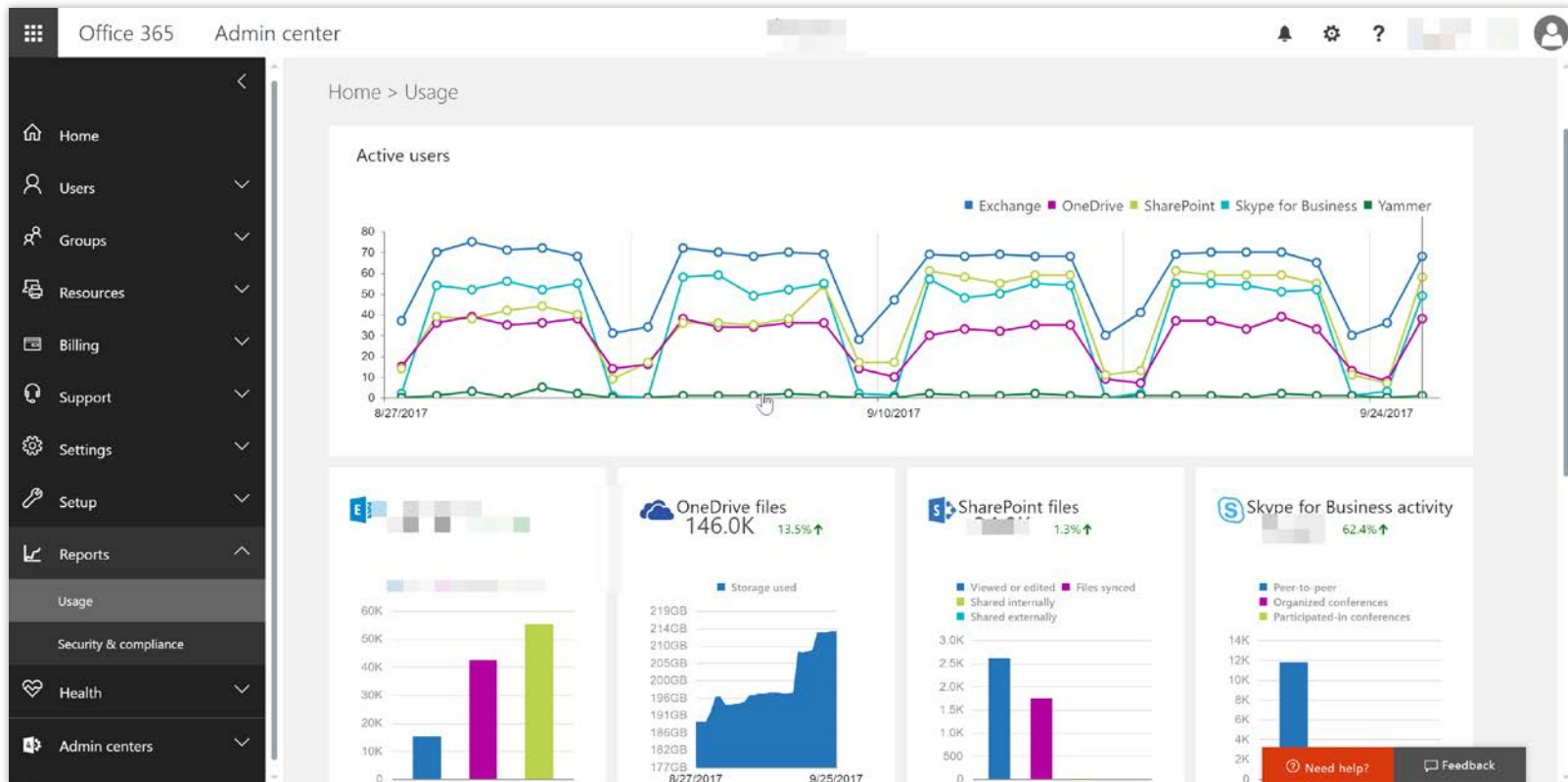
Security & compliance

Cloud app security

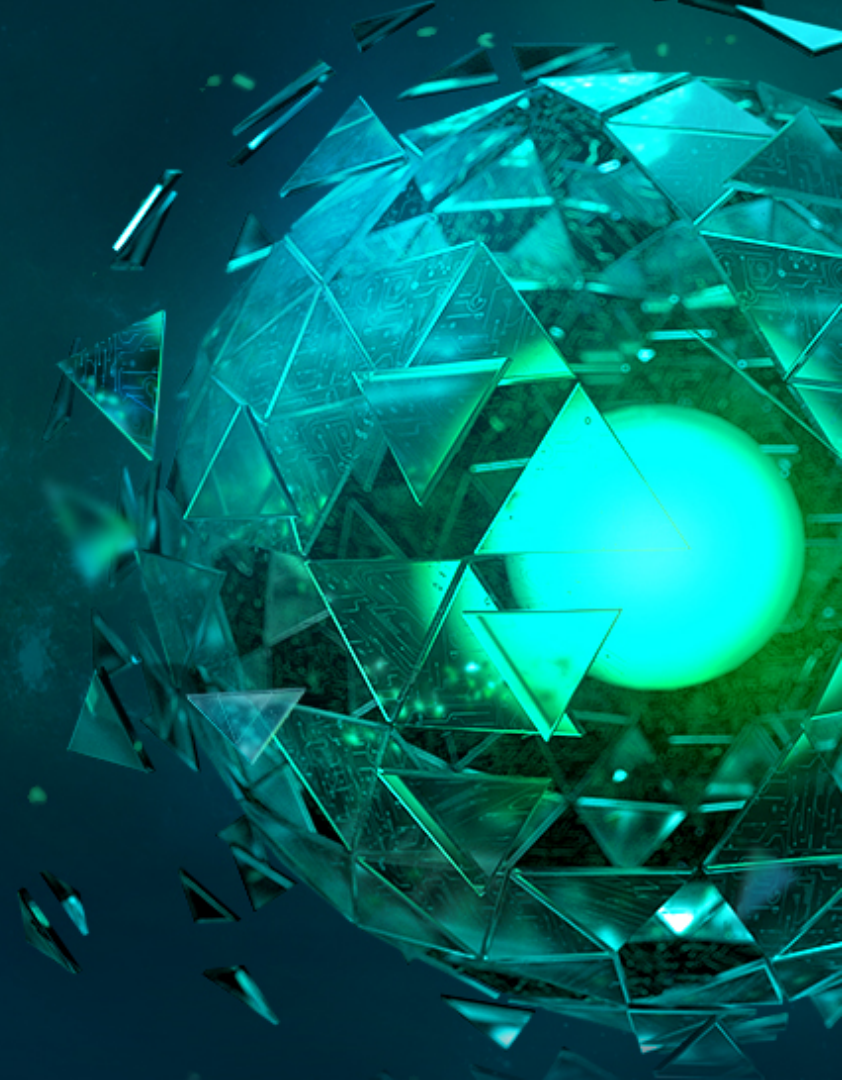
PowerShell

Home folder(?)

Reporting: Office 365 Admin Portal



Retention



- Activity
- Chat
- Teams
- Calendar
- Calls
- Files
- ...
- Get app
- Apps
- ?

- Your teams
- Ns Norwegian staff ...
 - IN Innofactor-Norway-BGO-Veea... ...

General

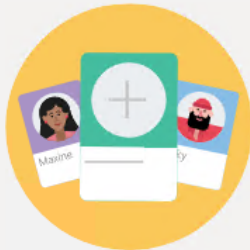
IN Innofactor-Norway-BGO-VeeamON > General ...

Private

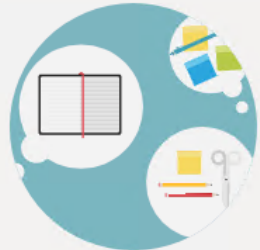
Conversations Files Wiki +

Welcome to the team!

Here are some things to get going...



Add more people



Create more channels



Open the FAQ

Start a new conversation. Type @ to mention someone.

- 📎
- ✍️
- 😊
- 🖼️
- 🗨️
- 📺
- ⋮



- Activity
- Chat
- Teams
- Calendar
- Calls
- Files
- ...
- Get app
- Apps
- Help

Your teams

- Ns Norwegian staff ...
- IN Innofactor-Norway-BGO-Veea... ...
- General**

Join or create a team

IN Innofactor-Norway-BGO-VeeamON > **General** ... Private

Conversations Files Wiki +

General > VeeamON

New Upload Get link Open in SharePoint


✓	Type	Name	Modified	Modified by	Size	
	Folder	Scripts	Yesterday	Alexander The Great		...
	Folder	Pixabay	Yesterday	Alexander The Great		...
	Folder	Pics	Yesterday	Alexander The Great		...
	PowerPoint	VeeamON - Migrating file server to the clou...	Yesterday	Alexander The Great	10.94 MB	...
	File	users.csv	Yesterday	Alexander The Great	351.00 By...	...
	PowerPoint	1_VeeamON - Migrating file server to the cl...	Yesterday	Alexander The Great	11.66 MB	...
	Image	rick-vanover-1.jpg	Yesterday	Alexander The Great	47.23 KB	...
	File	Script and progress.txt	Yesterday	Alexander The Great	405.00 By...	...

404 NOT FOUND

Home > Retention


Email, documents, Skype and Teams conversations. Your users generate a lot of content every day. Take control of it by setting up retention policies to keep w...

Labels



Create labels to let users manually classify and retain their own content (email, docs, folders, and more). You can also auto-apply labels to specific content.

Label policies



Create label policies to publish or automatically apply existing labels to your users apps (Outlook, SharePoint, OneDrive, and more).

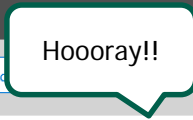
[+ Create](#) [Refresh](#) [...](#)

<input type="checkbox"/> Name	Created by
<input checked="" type="checkbox"/> VeeamON	MOD Administrator
<input type="checkbox"/> SPO	MOD Administrator
<input type="checkbox"/> PII Retention Policy	Megan Bowen
<input type="checkbox"/> Medical Records Retention Policy	Megan Bowen
<input type="checkbox"/> Personal Financial PII	Megan Bowen
<input type="checkbox"/> Employee Records	Megan Bowen
<input type="checkbox"/> Sensitivity	Megan Bowen

7 item(s) loaded.

VeeamON

[Edit policy](#) [Delete policy](#)



Status ⓘ

On (Success)

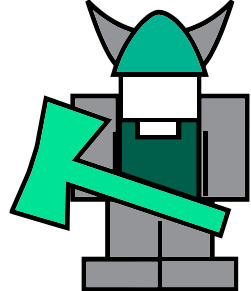
Policy name
VeeamON

Description
Specific retention for VeeamON Site

Applies to content in these locations [Edit](#)
SharePoint sites

Settings [Edit](#)
Retention period
Keep content for 3 months

Turn on Preservation Lock? [Edit](#)
No



[Close](#)

BROWSE FILES LIBRARY



EDIT LINKS

Preservation Hold Library

- Home
- Conversations
- Documents
- Notebook
- Pages
- Site contents
- Recycle Bin
- EDIT LINKS

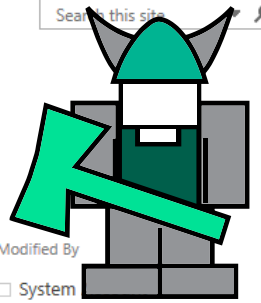
New Upload Sync Share More

All Documents Find a file

✓	Name	Modified	Modified By
	1_VeeamON - Migrating file server to the cloud_56B546CB-A3DF-49E7-A4D6-5E3ACBEF7CFE2019-04-25T13-21-50	A few seconds ago	System

Drag files here to upload

Hooray!!



What's next for OneDrive



OneDrive and VDI environments



Files on-demand

Your files will have these statuses in File Explorer:



Online-only files

Online-only files don't take up space on your computer. You see a cloud icon for each online-only file in File Explorer, but the file doesn't download to your device until you open it. You can't open online-only files when your device isn't connected to the Internet.



Locally available files

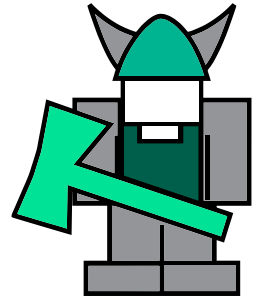
When you open an online-only file, it downloads to your device and becomes a locally available file. You can open a locally available file anytime, even without Internet access. If you need more space, you can change the file back to online only. Just right-click the file and select "Free up space."



Always available files

Only files that you mark as "Always keep on this device" have the green circle with the white check mark. These files download to your device and take up space, but they're always there for you even when you're offline.

Don't forget us!





Search

Randy Wong

Files

Recent

Shared with me

Discover

Recycle bin

Contoso

Groups bring teams together.
Join one or create your own.[OneDrive admin](#)[Get the OneDrive apps](#)[Return to classic OneDrive](#)

Restore my OneDrive

If something went wrong, you can restore your OneDrive to a previous time. Choose a preset or select custom date and time and Restore. To restore your entire OneDrive to a custom time, use the slider to find a date with unusual activity in the chart. Then select a file change that you want to restore you OneDrive up to.

Date presets

Today



Restore



Change ↓	File name
<input type="radio"/> ^ Today 9/24/2017 (30)	
<input type="radio"/> ↑ Uploaded by Kat Larson 11:19:03 AM	Next Generation V1 - Next Gen V1 hacked
<input type="radio"/> ↑ Uploaded by Kat Larson 10:29:03 AM	Next Generation V1
<input type="radio"/> ↑ Uploaded by Kat Larson 10:20:03 AM	Pipeline Genesis Diagram
<input type="radio"/> ↑ Uploaded by Kat Larson 10:19:03 AM	Worcestershire Initiative
<input type="radio"/> ↻ Edited by Razeena Javan 9:51:03 PM	Buffer API Docs
<input type="radio"/> ↻ Renamed by Leon Hristova 6:03:03 PM	Buffer APIs - Buffer API Docs
<input type="radio"/> ↻ Edited by Nichélys Schroder 4:37:19 PM	Important paper
<input type="radio"/> ↻ Edited by Sibel Hacaviz 3:34:03 PM	Brainstorms
<input type="radio"/> ↻ Edited by Kat Larson 1:08:03 PM	Brainstorms
<input type="radio"/> 🗑 Deleted by Anshagouhi Asaf zade 11:34:03 AM	Native Juices Project
<input type="radio"/> ↻ Renamed by Franz Schmitt 11:11:23 AM	Next Gen - Next Generation V1
<input type="radio"/> ↑ Uploaded by Franz Schmitt 9:40:03 AM	Systemic Proposal
<input type="radio"/> + Created by Elna Angelova 7:11:23 AM	Sigon Business Design
<input type="radio"/> ↻ Renamed by Kat Larson 2:34:03 AM	2017 Budget
<input type="radio"/> ↻ Renamed by Kat Larson 2:34:03 AM	CY17 Sales Figures -North America
<input type="radio"/> ↻ Renamed by Kat Larson 2:34:03 AM	Contoso Insulin Pumps schematics



Search

Randy Wong

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Recent

Shared with me

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Recycle bin

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Groups bring teams together.
Join one or create your own.[OneDrive admin](#)[Get the OneDrive apps](#)[Return to classic OneDrive](#)

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Date presets

Custom date and time

Restore



Change ↓	File name
6 days ago 9/18/2017 (40020)	
Restored by Kat Larson 3:34:03 AM	WE234356WRT.WNCRY
Deleted by Kat Larson 3:34:04 AM	Next Generation V1
Deleted by Kat Larson 3:34:05 AM	Pipeline Genworks Diagram
Uploaded by Kat Larson 8:15:03 AM	Worcestershire Initiative
Edited by Razena Javan 9:51:03 PM	Buffer API Docs
Restored by Leon Hristova 6:03:03 PM	Buffer APIs -> Buffer API Docs
Edited by Nedelya Schroder 4:37:19 PM	Important paper
Edited by Sibel Hicirvan 3:34:03 PM	Brainstorms
Edited by Kat Larson 1:06:03 PM	Brainstorms
Deleted by Arshaguchi Asaf zade 11:34:03 AM	Native Juices Project
Restored by Franz Schmitt 11:11:23 AM	Next Gen -> Next Generation V1
Uploaded by Franz Schmitt 9:40:08 AM	Sycomore Proposal
Created by Elva Angelova 7:11:23 AM	Trigon Business Design
Restored by Kat Larson 3:34:03 AM	2017 Budget
Restored by Kat Larson 3:34:03 AM	CY17 Sales Figures-North America
Restored by Kat Larson 3:34:03 AM	Contoso Insulin Pens schematics

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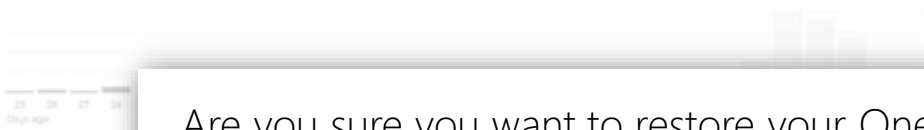
Groups bring teams together. Join one or create your own.

OneDrive admin
Get the OneDrive apps
Return to classic OneDrive

Restore my OneDrive

If something went wrong, you can restore your OneDrive to a previous time. Select a date preset or use the slider to find a date with unusual activity in the chart. Then select the changes that you want to undo.

Date presets
Custom date and time



- 6 days ago
- Restored by Kat Larson 10:10:01 AM
- Deleted by Kat Larson 10:10:01 AM
- Deleted by Kat Larson 10:10:01 AM
- Uploaded by Kat Larson 10:10:01 AM
- Edited by Razena Jovan 9:51:03 PM
- Restored by Loren Holstova 9:07:03 PM
- Edited by Neeloya Schroder 4:27:19 PM
- Edited by Satef Haseem 3:54:03 PM
- Edited by Kat Larson 1:06:03 PM
- Deleted by Arthagnouh Asaf zade 11:34:03 AM
- Restored by Franz Schmidt 11:11:23 AM
- Uploaded by Franz Schmidt 1:40:08 AM
- Created by Elze Angrovesa 7:11:23 AM
- Restored by Kat Larson 3:34:03 AM
- Restored by Kat Larson 3:34:03 AM
- Restored by Kat Larson 3:34:03 AM
- Workbooks (new initiative)
- Buffer API Docs
- Buffer APIs - Buffer API Docs
- Important paper
- Brainstorms
- Brainstorms
- Native Juice Project
- Next Gen - Next Generation VT
- Sytemore Proposal
- Trigon Business Design
- 2017 Budget
- CY17 Sales Figures-North America
- Contoso Insulin Ponds schematics

Are you sure you want to restore your OneDrive?
Restoring your OneDrive to 8/12/2017 3:49:02 PM will revert 2300 changes.



Making file servers
available with Veeam

Options for file servers (on premises)

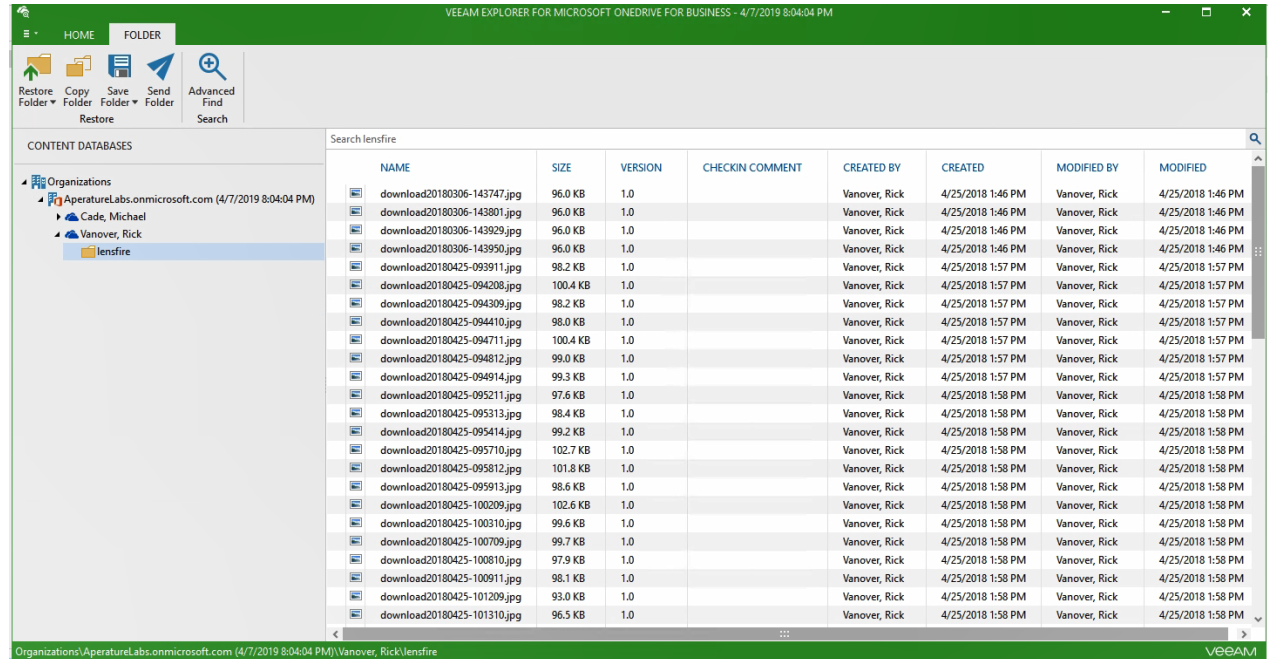
File servers on premises can exist and be made available with Veeam technologies in the following methods:

Method	Backup technique
Storage snapshots of a share	(Is not a backup)
NAS shares	NDMP to tape, files to tape (GA) Next release NAS backup
Virtual machines that are file shares	Veeam Backup & Replication™
Windows or Linux systems that are file servers	Veeam Agent <i>for Microsoft Windows & Linux</i>

Veeam options for files in Office 365

Individual OneDrive accounts for users can be restored easily with Veeam Backup for Microsoft Office 365.

Example here —
viewing one personal OneDrive



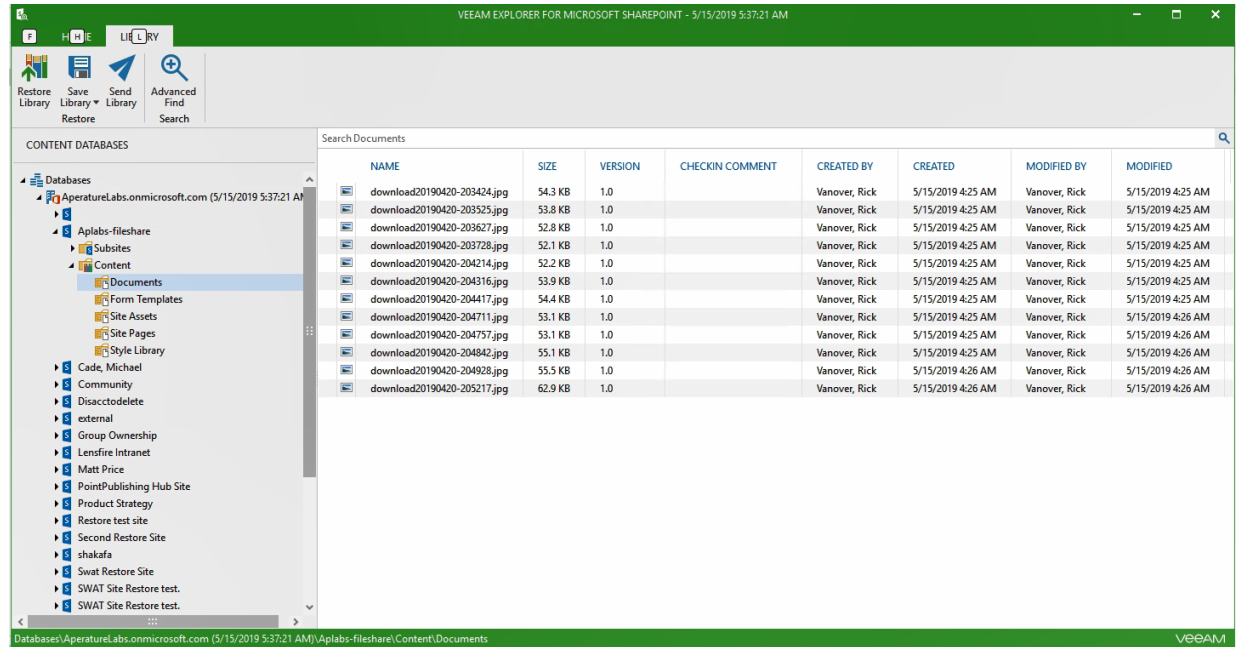
The screenshot displays the Veeam Explorer interface for Microsoft OneDrive for Business. The window title is "VEEAM EXPLORER FOR MICROSOFT ONEDRIVE FOR BUSINESS - 4/7/2019 8:04:04 PM". The interface includes a navigation pane on the left showing the folder structure: Organizations > AperatureLabs.onmicrosoft.com (4/7/2019 8:04:04 PM) > Vanover, Rick > lensfire. The main pane shows a table of files with the following columns: NAME, SIZE, VERSION, CHECKIN COMMENT, CREATED BY, CREATED, MODIFIED BY, and MODIFIED. The table contains 20 rows of files, all named "download20180425-XXXXX.jpg", with sizes ranging from 93.0 KB to 102.6 KB and creation/modification dates of 4/25/2018 1:46 PM to 1:58 PM. The status bar at the bottom shows the path: Organizations\AperatureLabs.onmicrosoft.com (4/7/2019 8:04:04 PM)\Vanover, Rick\lensfire.

NAME	SIZE	VERSION	CHECKIN COMMENT	CREATED BY	CREATED	MODIFIED BY	MODIFIED
download20180306-143747.jpg	96.0 KB	1.0		Vanover, Rick	4/25/2018 1:46 PM	Vanover, Rick	4/25/2018 1:46 PM
download20180306-143801.jpg	96.0 KB	1.0		Vanover, Rick	4/25/2018 1:46 PM	Vanover, Rick	4/25/2018 1:46 PM
download20180306-143929.jpg	96.0 KB	1.0		Vanover, Rick	4/25/2018 1:46 PM	Vanover, Rick	4/25/2018 1:46 PM
download20180306-143950.jpg	96.0 KB	1.0		Vanover, Rick	4/25/2018 1:46 PM	Vanover, Rick	4/25/2018 1:46 PM
download20180425-093911.jpg	98.2 KB	1.0		Vanover, Rick	4/25/2018 1:57 PM	Vanover, Rick	4/25/2018 1:57 PM
download20180425-094208.jpg	100.4 KB	1.0		Vanover, Rick	4/25/2018 1:57 PM	Vanover, Rick	4/25/2018 1:57 PM
download20180425-094309.jpg	98.2 KB	1.0		Vanover, Rick	4/25/2018 1:57 PM	Vanover, Rick	4/25/2018 1:57 PM
download20180425-094410.jpg	98.0 KB	1.0		Vanover, Rick	4/25/2018 1:57 PM	Vanover, Rick	4/25/2018 1:57 PM
download20180425-094711.jpg	100.4 KB	1.0		Vanover, Rick	4/25/2018 1:57 PM	Vanover, Rick	4/25/2018 1:57 PM
download20180425-094812.jpg	99.0 KB	1.0		Vanover, Rick	4/25/2018 1:57 PM	Vanover, Rick	4/25/2018 1:57 PM
download20180425-094914.jpg	99.3 KB	1.0		Vanover, Rick	4/25/2018 1:57 PM	Vanover, Rick	4/25/2018 1:57 PM
download20180425-095211.jpg	97.6 KB	1.0		Vanover, Rick	4/25/2018 1:58 PM	Vanover, Rick	4/25/2018 1:58 PM
download20180425-095313.jpg	98.4 KB	1.0		Vanover, Rick	4/25/2018 1:58 PM	Vanover, Rick	4/25/2018 1:58 PM
download20180425-095414.jpg	99.2 KB	1.0		Vanover, Rick	4/25/2018 1:58 PM	Vanover, Rick	4/25/2018 1:58 PM
download20180425-095710.jpg	102.7 KB	1.0		Vanover, Rick	4/25/2018 1:58 PM	Vanover, Rick	4/25/2018 1:58 PM
download20180425-095812.jpg	101.8 KB	1.0		Vanover, Rick	4/25/2018 1:58 PM	Vanover, Rick	4/25/2018 1:58 PM
download20180425-095913.jpg	98.6 KB	1.0		Vanover, Rick	4/25/2018 1:58 PM	Vanover, Rick	4/25/2018 1:58 PM
download20180425-100209.jpg	102.6 KB	1.0		Vanover, Rick	4/25/2018 1:58 PM	Vanover, Rick	4/25/2018 1:58 PM
download20180425-100310.jpg	99.6 KB	1.0		Vanover, Rick	4/25/2018 1:58 PM	Vanover, Rick	4/25/2018 1:58 PM
download20180425-100709.jpg	99.7 KB	1.0		Vanover, Rick	4/25/2018 1:58 PM	Vanover, Rick	4/25/2018 1:58 PM
download20180425-100810.jpg	97.9 KB	1.0		Vanover, Rick	4/25/2018 1:58 PM	Vanover, Rick	4/25/2018 1:58 PM
download20180425-100911.jpg	98.1 KB	1.0		Vanover, Rick	4/25/2018 1:58 PM	Vanover, Rick	4/25/2018 1:58 PM
download20180425-101209.jpg	93.0 KB	1.0		Vanover, Rick	4/25/2018 1:58 PM	Vanover, Rick	4/25/2018 1:58 PM
download20180425-101310.jpg	96.5 KB	1.0		Vanover, Rick	4/25/2018 1:58 PM	Vanover, Rick	4/25/2018 1:58 PM

Veeam options for files in Office 365

Sites are backed up and able to be restored as well.

Example here —
viewing sties in
OneDrive



The screenshot displays the Veeam Explorer for Microsoft SharePoint interface. The left pane shows a tree view of content databases, with the following structure expanded:

- Databases
 - AperatureLabs.onmicrosoft.com (5/15/2019 5:37:21 AM)
 - Aplabs-fileshare
 - Subsites
 - Content
 - Documents (selected)
 - Form Templates
 - Site Assets
 - Site Pages
 - Style Library
 - Cade, Michael
 - Community
 - Disaccdelete
 - external
 - Group Ownership
 - Lensfire Intranet
 - Matt Price
 - PointPublishing Hub Site
 - Product Strategy
 - Restore test site
 - Second Restore Site
 - shakafa
 - Swat Restore Site
 - SWAT Site Restore test.
 - SWAT Site Restore test.

The main pane shows a table of files in the 'Documents' folder:

NAME	SIZE	VERSION	CHECKIN COMMENT	CREATED BY	CREATED	MODIFIED BY	MODIFIED
download20190420-203424.jpg	54.3 KB	1.0		Vanover, Rick	5/15/2019 4:25 AM	Vanover, Rick	5/15/2019 4:25 AM
download20190420-203525.jpg	53.8 KB	1.0		Vanover, Rick	5/15/2019 4:25 AM	Vanover, Rick	5/15/2019 4:25 AM
download20190420-203627.jpg	52.8 KB	1.0		Vanover, Rick	5/15/2019 4:25 AM	Vanover, Rick	5/15/2019 4:25 AM
download20190420-203728.jpg	52.1 KB	1.0		Vanover, Rick	5/15/2019 4:25 AM	Vanover, Rick	5/15/2019 4:25 AM
download20190420-204214.jpg	52.2 KB	1.0		Vanover, Rick	5/15/2019 4:25 AM	Vanover, Rick	5/15/2019 4:25 AM
download20190420-204316.jpg	53.9 KB	1.0		Vanover, Rick	5/15/2019 4:25 AM	Vanover, Rick	5/15/2019 4:25 AM
download20190420-204417.jpg	54.4 KB	1.0		Vanover, Rick	5/15/2019 4:25 AM	Vanover, Rick	5/15/2019 4:25 AM
download20190420-204711.jpg	53.1 KB	1.0		Vanover, Rick	5/15/2019 4:25 AM	Vanover, Rick	5/15/2019 4:26 AM
download20190420-204757.jpg	53.1 KB	1.0		Vanover, Rick	5/15/2019 4:25 AM	Vanover, Rick	5/15/2019 4:26 AM
download20190420-204842.jpg	55.1 KB	1.0		Vanover, Rick	5/15/2019 4:25 AM	Vanover, Rick	5/15/2019 4:26 AM
download20190420-204928.jpg	55.5 KB	1.0		Vanover, Rick	5/15/2019 4:26 AM	Vanover, Rick	5/15/2019 4:26 AM
download20190420-205217.jpg	62.9 KB	1.0		Vanover, Rick	5/15/2019 4:26 AM	Vanover, Rick	5/15/2019 4:26 AM



Thank you

VEEAMÜN2019

Session survey available now!

Please take the very short (5 question) survey through your mobile app now!

- 1 Tap on the session
- 2 Scroll down past **Speakers**
- 3 Tap **Session Feedback Survey**