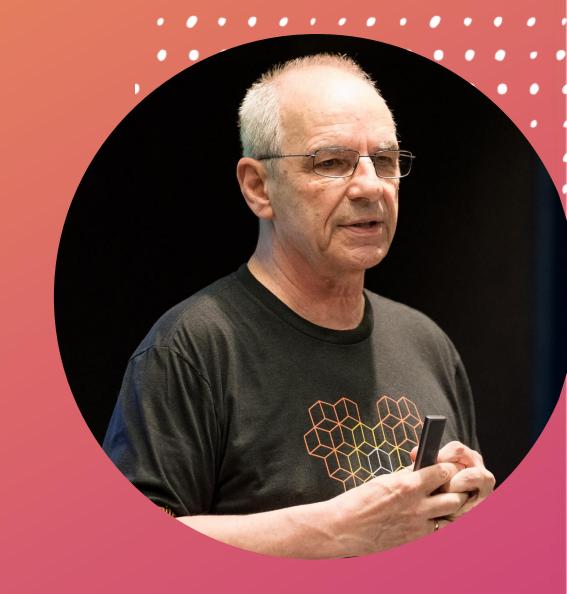


OneDrive Group Policies -not only for the Enterprise

by Hans Brender, Microsoft MVP

HansBrender in HansBrender



Brought to you by

Powered by Microsoft 365 and Power Platform India User Group









Who Am I

Hans Brender MVP since 8 Years

Cloud Productivity Evangelist

E-Mail: Hans.Brender@HBsoft.de

LinkedIn: HansBrender

Twitter: @HansBrender

Facebook: Hans.Brender

Instagram: Mr.OneDrive



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OneDrive - Sync

OneDrive – Updates

Group Policies

Top 10 Group Policies

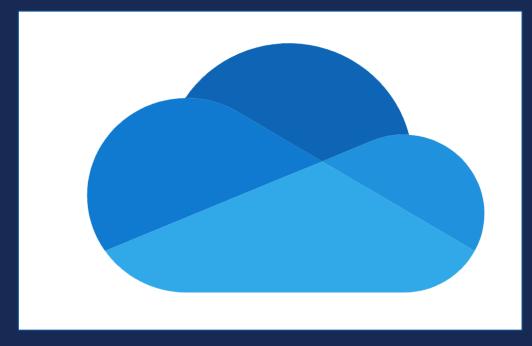
OneDrive - Sync

OneDrive – Updates

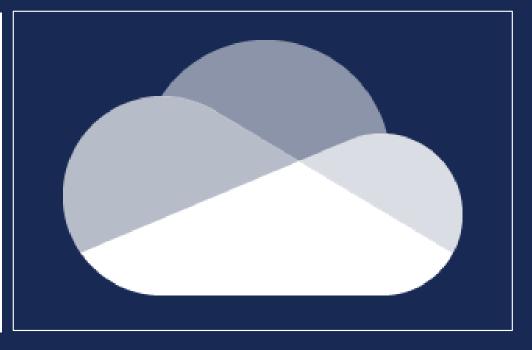
Group Policies

Top 10 Group Policies

OneDrive Symbols







OneDrive.exe
Office 365

Groove Client
OneDrive for Business
SharePoint
on Premises

NGSC OneDrive (Personal)



Limits SharePoint Online & ODFB

Restrictions

Invalid characters



Certain characters have special meanings when used in file names in OneDrive, SharePoint, Windows and macOS, such as "*" for wildcards, and "\" in file name paths. If a file or folder you're trying to upload to OneDrive contains any of the characters listed below, it may prevent files and folders from syncing. Rename the file or folder to remove these characters before you upload it.

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

" *: < > ? / \

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

Notes:

- To rename a file or folder in Windows, select it and press F2. To rename a file or folder on a Mac, select it
- Some organizations don't yet support # and % in names. If you're a global admin or SharePoint admin in Office 365, see Enabling # and % Support on the SharePoint blog to learn how to allow these characters.
- If you're using Office 2010, you can't use "&" in file and folder names.
- For more information, see When OneDrive renames items with invalid characters and Why has my filename changed from comma to ^J.

Invalid file or folder names



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

Notes:

"_vti_" cannot appear anywhere in a file name



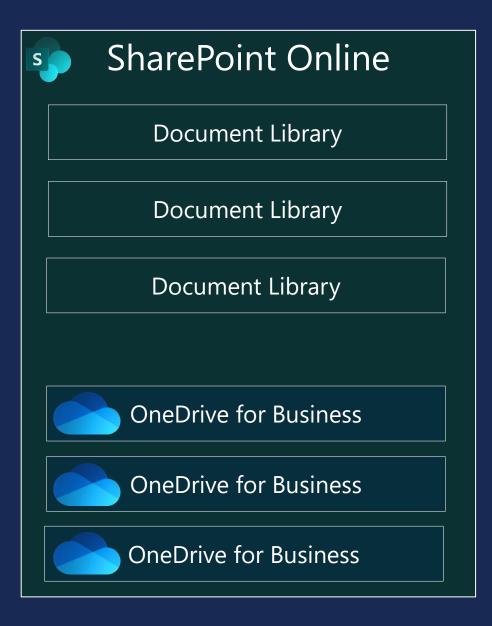
- Next Generation Sync Client:
- 30 Million documents each library Performance decreases > 100.000 files !!
- NGSC Limit: 300.000 files per instance
- File-Length: 100 GB
- File-Name 256 400 characters
- Not valid characters: # and %
- No Network/Mapped Drives
- No Authenticated Proxies
- No libraries with settings: CheckOut
- No IRM (RMS) libraries

Microsoft http://bit.ly/1PfGQfX TechNet: http://bit.ly/1cSk4Hq





Exchange Online





OneDrive Personal





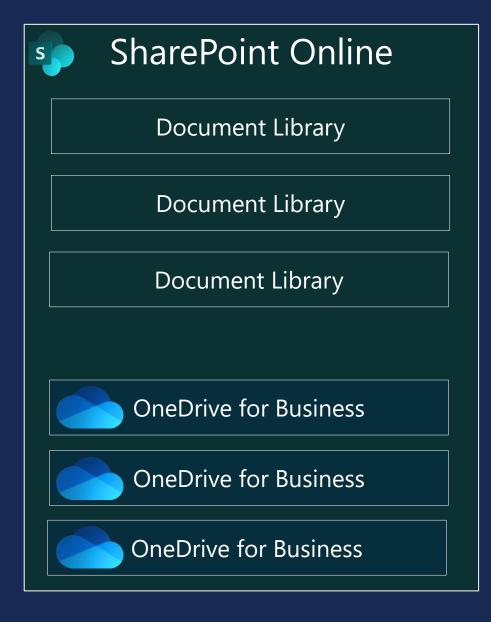


















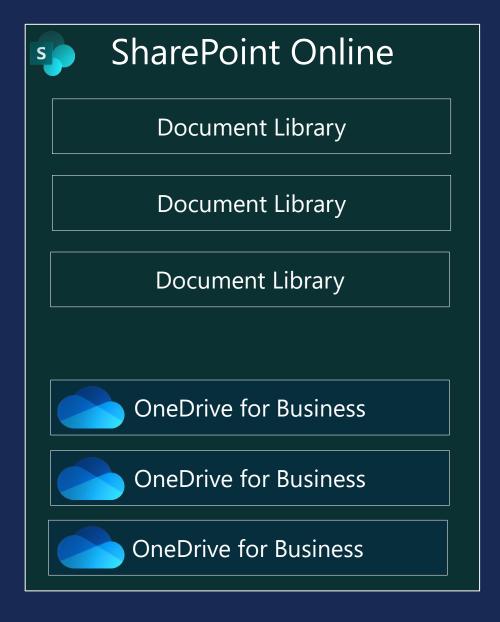














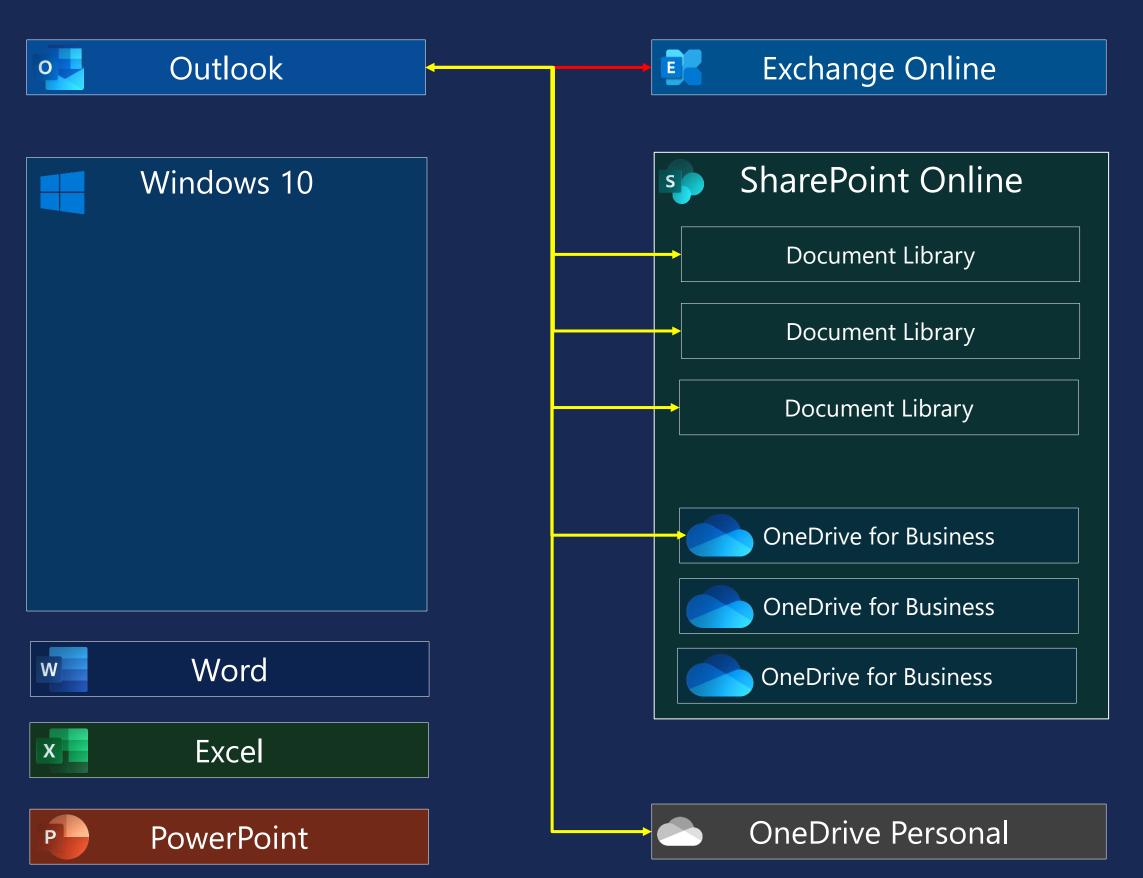


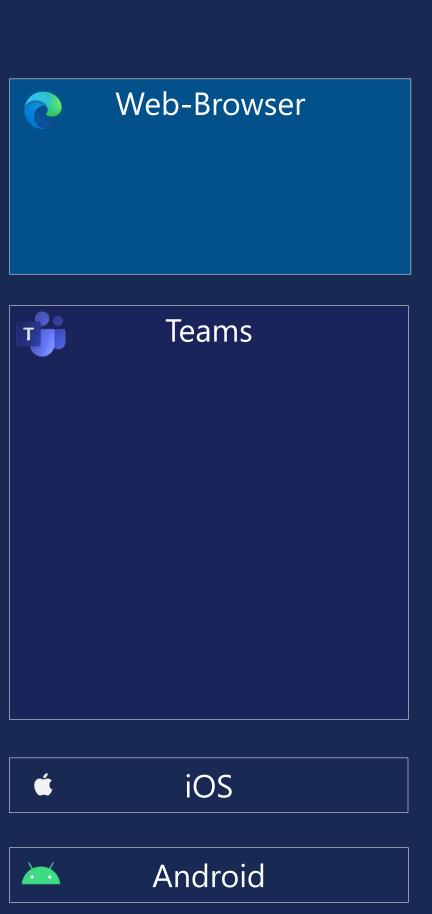






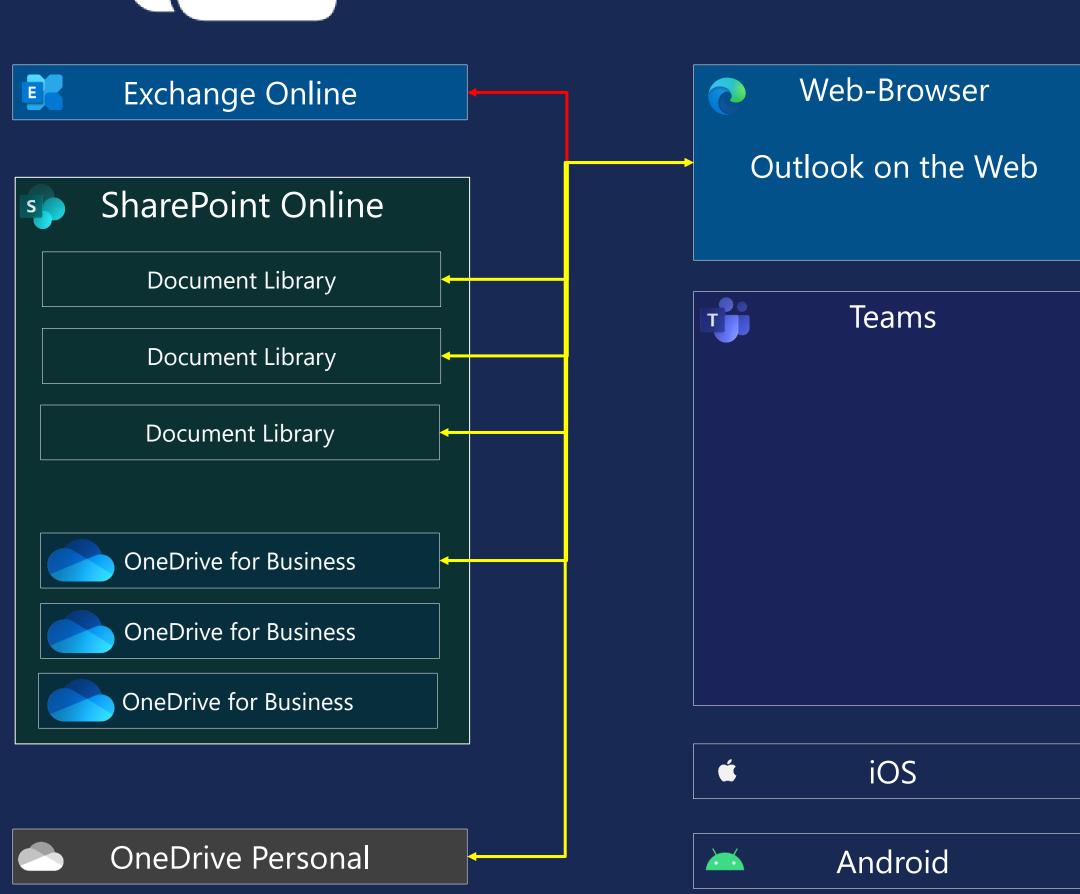




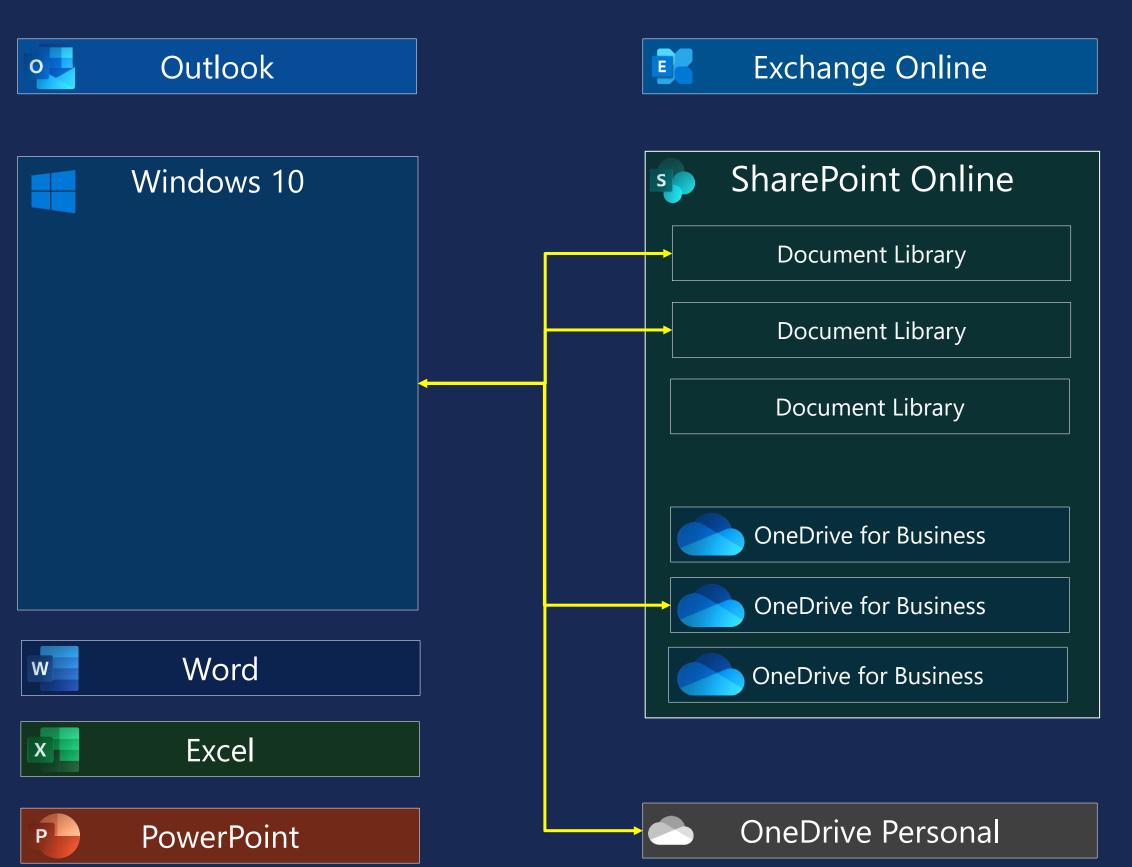


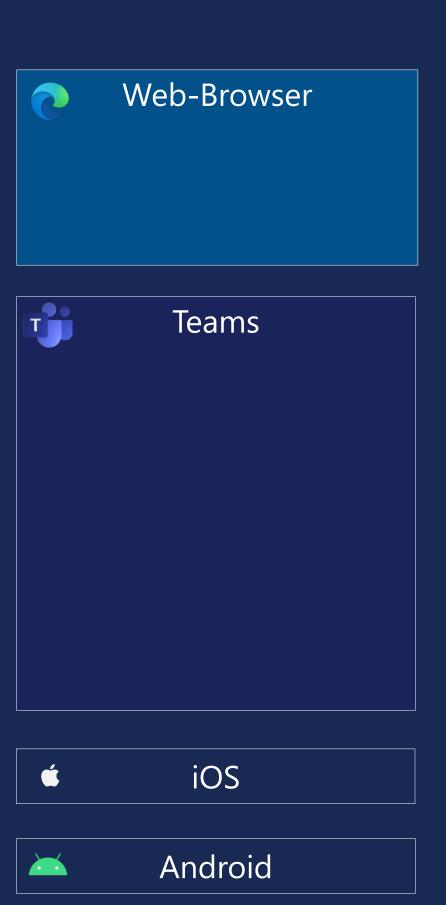








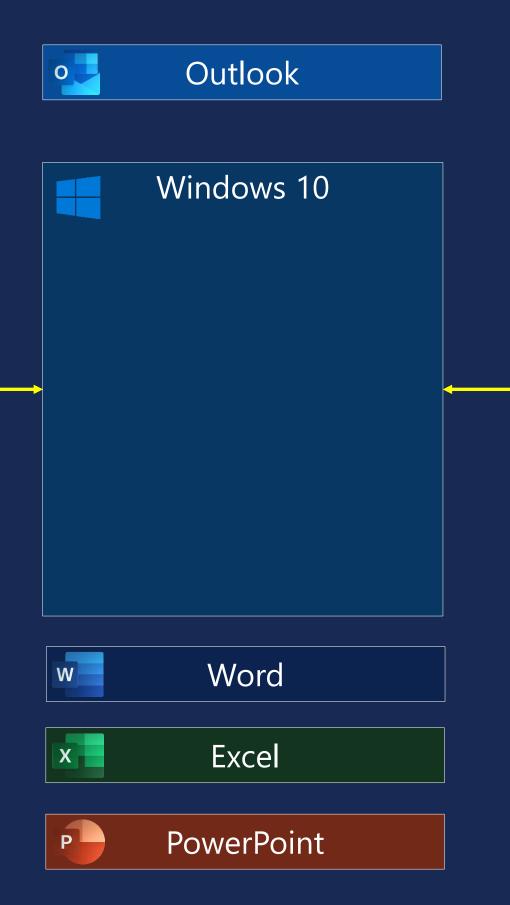


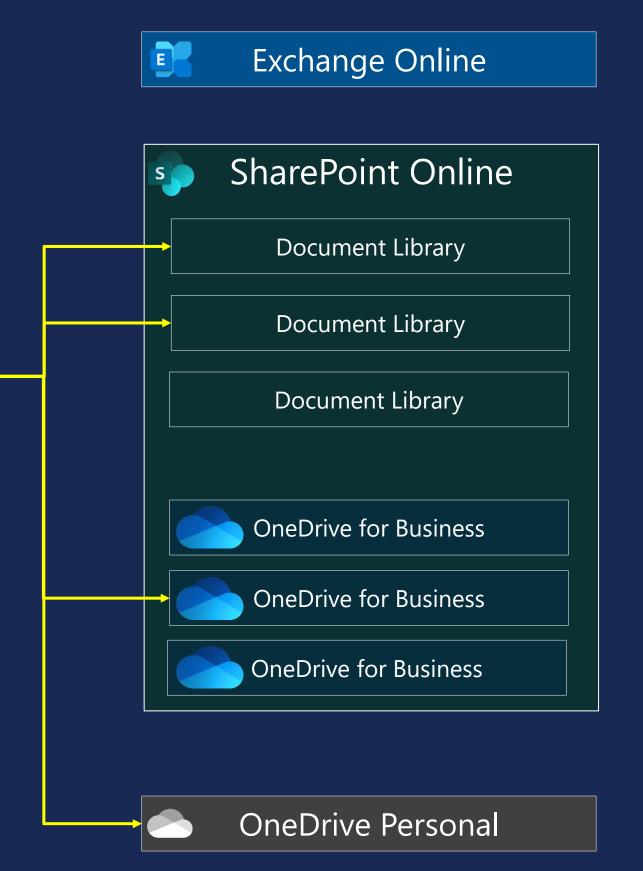




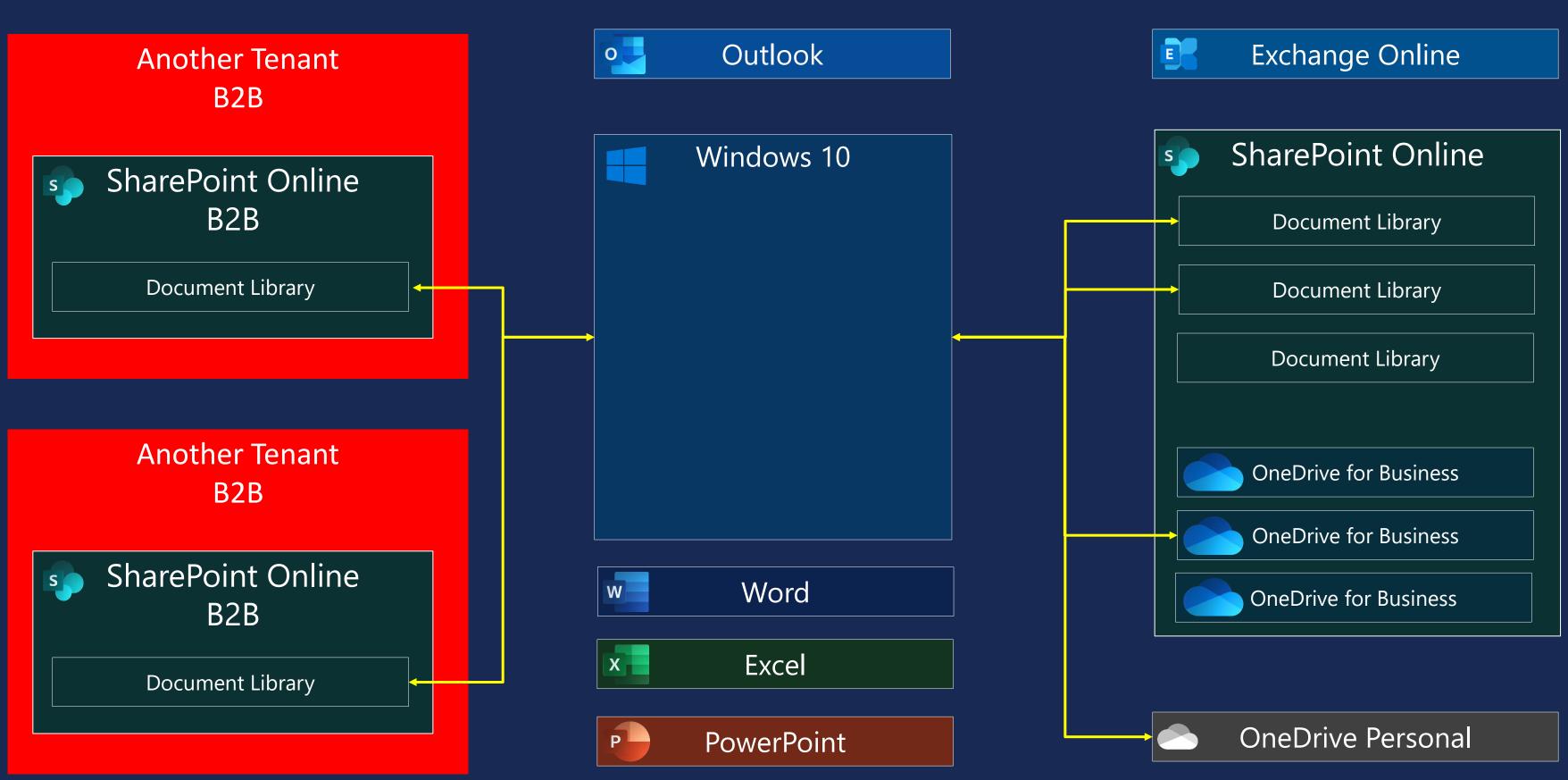




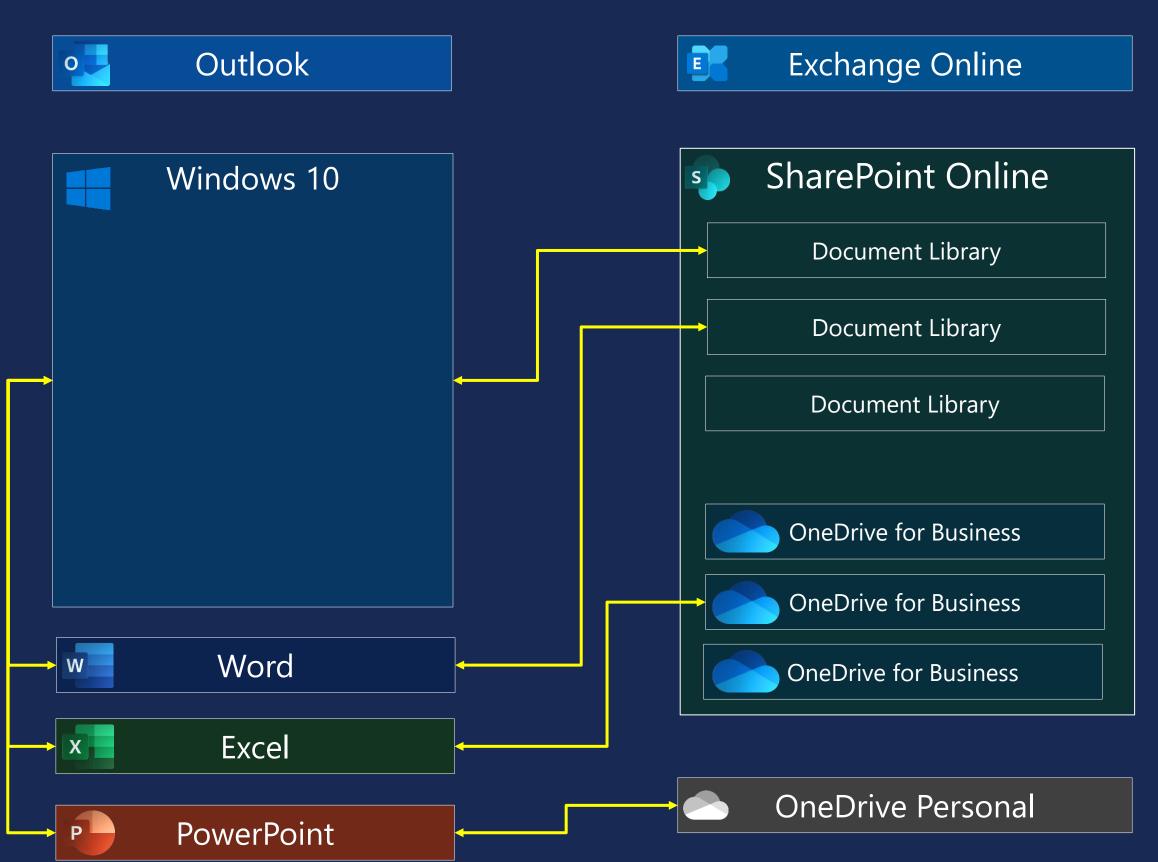


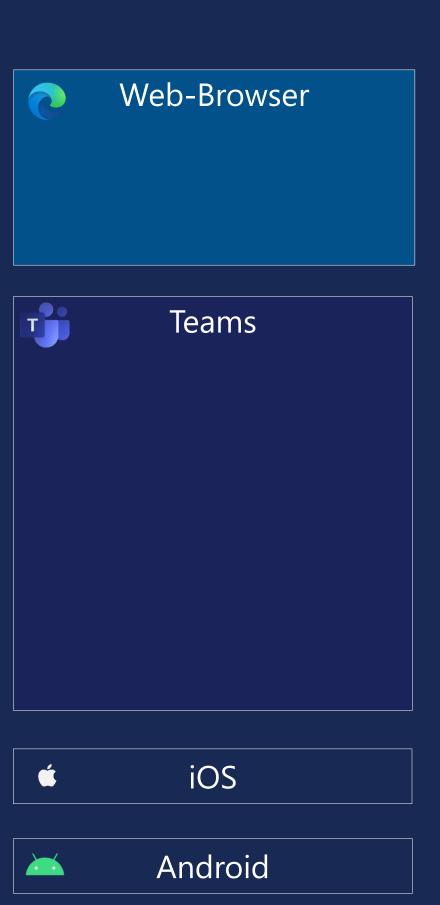




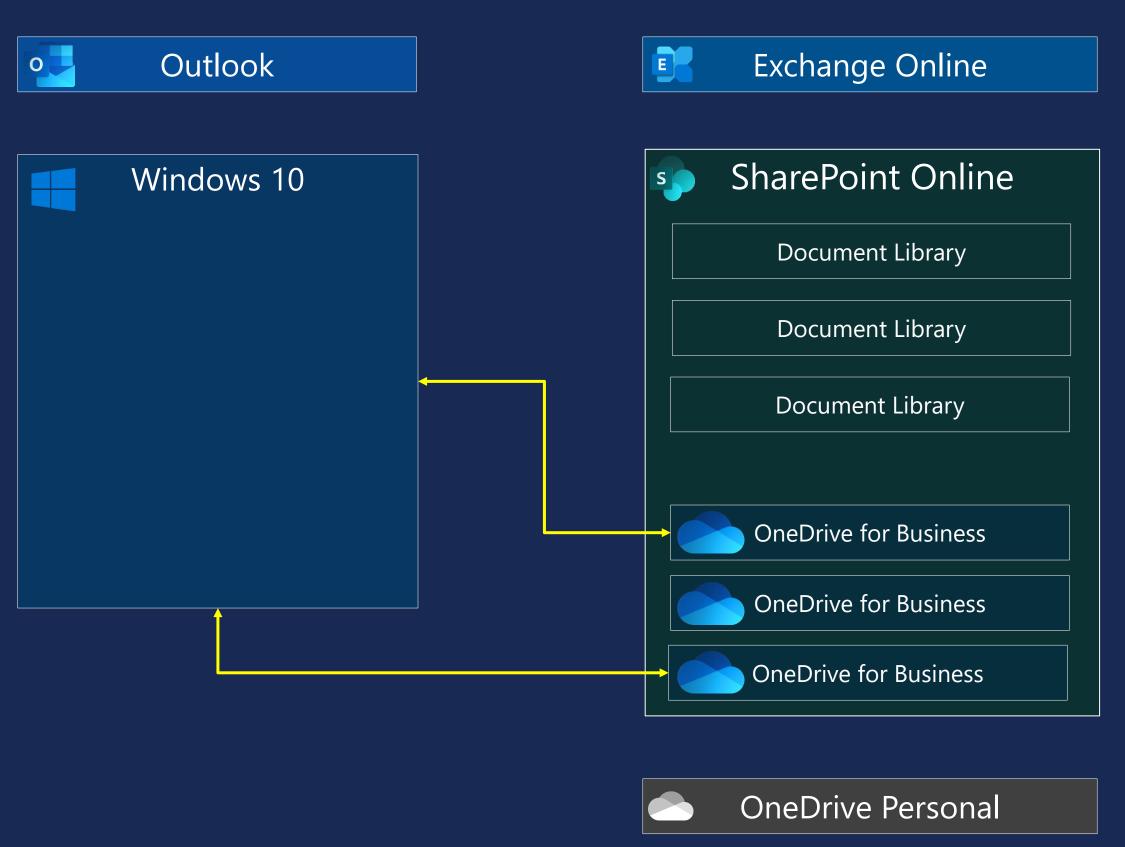


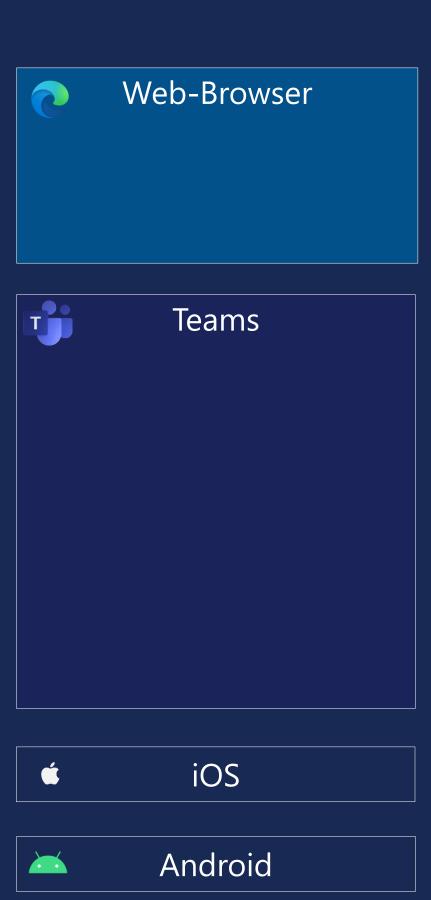
















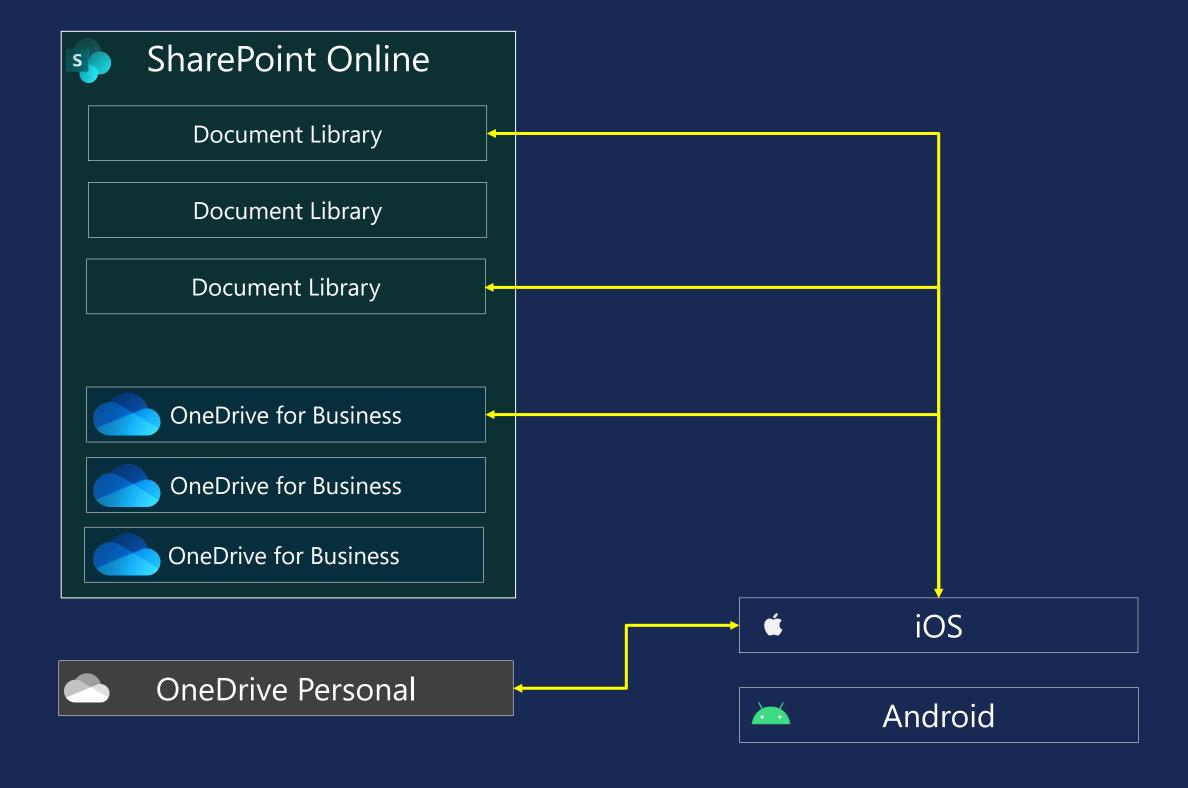




Excel











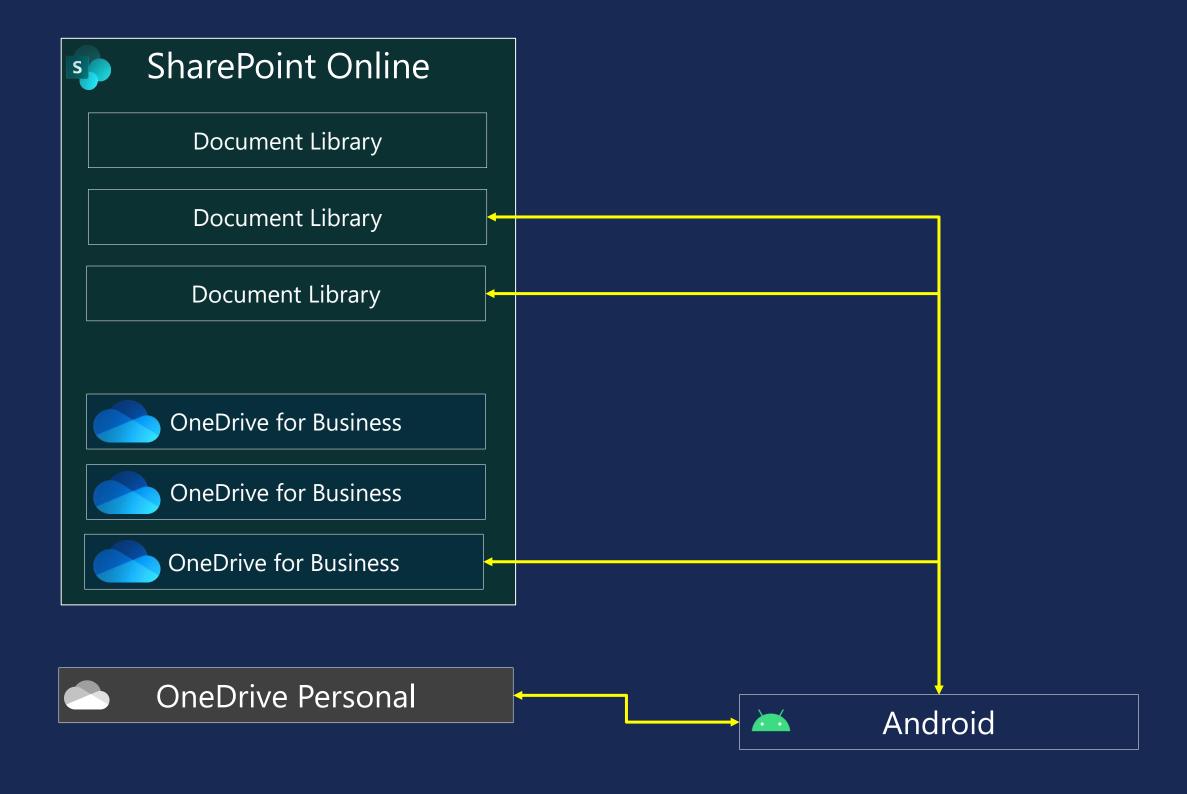






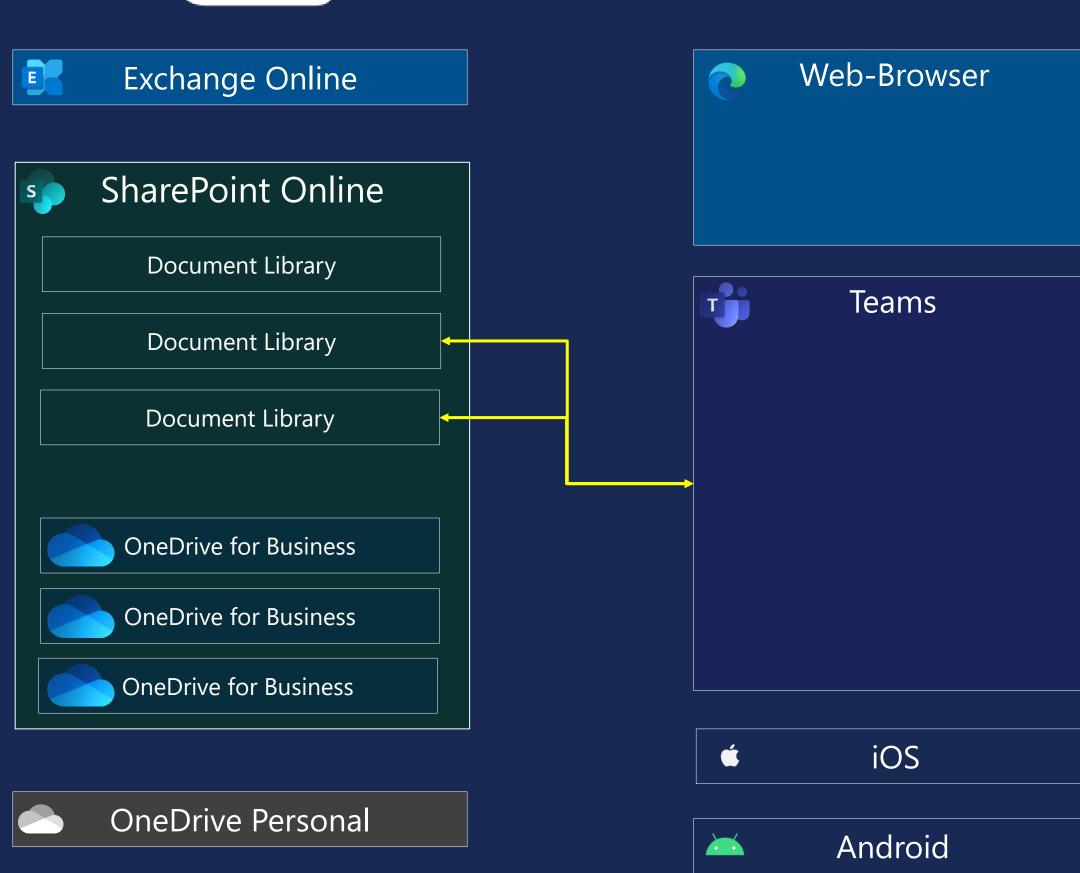












OneDrive - Sync

OneDrive – Updates

Group Policies

Top 10 Group Policies

Automatic Updates

To apply sync client updates, computers in your organization must be able to reach the following:

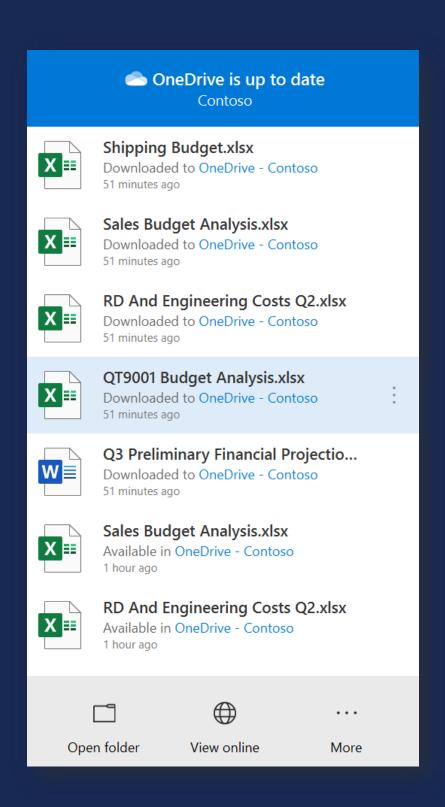
"oneclient.sfx.ms" and "g.live.com"

Make sure you don't block these URLs. They are also used to enable and disable features and apply bug fixes.

TCP: 443, 80

Office 365 URLs and IP address ranges

Windows Notification Service (WNS)



- · What?
- Get changes to files in the cloud as fast as possible
- · Why?
- Faster changes across devices (push vs. pull)
- Less wasted battery life
- Less network utilization
- Better performance across service
- Actions
- ☐ Allow traffic to *.wns.windows.com

Office 365 URLs and IP address ranges

Automatic Updates

OneDrive.exe
Version and Update

Next Generation Sync Client





17.3.6705.1122 OneDriveSetup.exe

17.3.6674.1021 OneDriveSetup.exe

new colors and symbols

Date		Version
08/26/2020	20.154.0802.0003	Insiders Version Download
08/20/2020	20.143.0716.0003	Released Version <u>Download</u> Production Ring
08/06/2020	20.134.0705.0008	Released Version <u>Download</u> Production Ring
07/29/2020	20.134.0705.0006	Insiders Version Download
07/14/2020	20.124.0621.0006	Releasad Version <u>Download</u> Production Ring
07/10/2020	20.114.0607.0002	Relesead Version <u>Download</u> Deferred Ring
06/25/2020	20.114.0607.0001	Relesead Version <u>Download</u> Production Ring
06/16/2020	20.103.0521.0002	Insiders Version <u>Download</u>
06/11/2020	20.084.0426.0006	Released Version <u>Download</u> Production Ring
05/30/2020	20.084.0426.0006	Insiders Version <u>Download</u>
05/14/2020	20.064.0329.0008	Released Version <u>Download</u> Production Ring
05/06/2020	20.064.0329.0007	Insiders Version <u>Download</u>
04/24/2020	20.064.0329.0005	Insidesr Version <u>Download</u>



Program-Installation

C:\Users\[User]\Appdata\local\Microsoft\OneDrive\

Version

Programs and DLLs
Logoimages
Updater
Update Files
OneDrive.exe
Logs
Settings
Setup
Group Policy Files

Program-Installation

C:\Program Files x86]\Microsoft OneDrive\



C:\Users\[User]\Appdata\local\Microsoft\OneDrive\

Version

Programs and DLLs Logoimages Updater Update Files OneDrive.exe Group Policy files

Logs Settings Setup

OneDrive - Sync

OneDrive – Updates

Group Policies

Top 10 Group Policies

OneDrive Group Policies



User Configuration





Computer Configuration

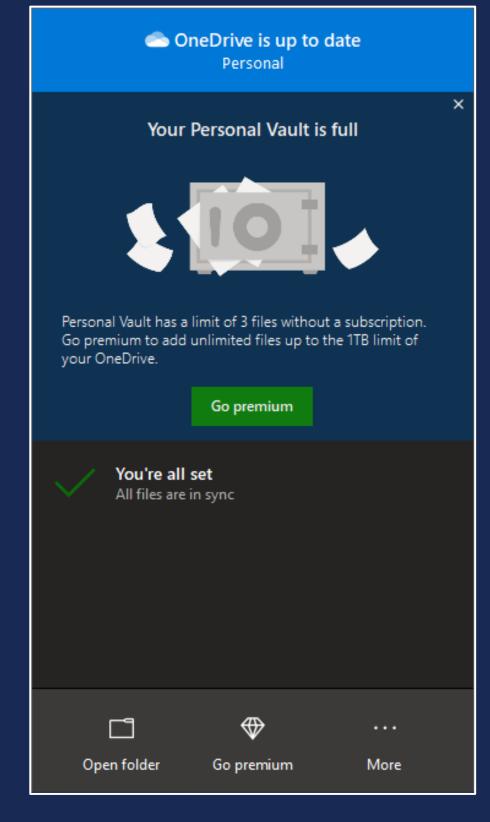


OneDrive Group Policies: Find ADML/ADMX



16 Languages

- 1. C:\Users\[User]\Appdata\local\Microsoft\OneDrive\[Version]\adm
- 2. C:\Program Files x86]\Microsoft OneDrive\[Version]\adm



Group Policies



User Configuration



Allow users to choose how to handle Office files sync conflicts



Continue syncing when devices have battery saver mode turned on



Coauthor and share in Office desktop apps



Disable the tutorial that appears at the end of OneDrive Setup



Configure team site libraries to sync automatically



Limit the sync client download speed to a fixed rate



Continue syncing on metered networks



Limit the sync client upload speed to a fixed rate

Group Policies



User Configuration



Prevent users from changing the location of their OneDrive folder



Prevent users from syncing personal OneDrive accounts



Receive OneDrive sync client updates on the Enterprise ring



Set the default location for the OneDrive folder



Group Policies (Computer Configuration)



Allow syncing OneDrive accounts for only specific organizations



Configure team site libraries to sync automatically



Allow OneDrive to disable Windows permission inheritance in folders Sync r/o



Convert synced team site files to online-only files



Block file downloads when users are low on disk space



Enable Automatic upload bandwidth management for OneDrive



Block syncing OneDrive accounts for specific organizations



Limit the sync client upload rate to a percentage of throughput



Group Policies (Computer Configuration



Prevent the sync client from generating network traffic until the user signs in



Prevent users from syncing libraries and folders shared from other organizations



Prevent users from fetching files remotely



Prompt Users to move Windows know folders to OneDrive



Prevent users from moving their Windows known folders to OneDrive



Require users to confirm large delete operations



Prevent users from redirecting their Windows know folders to their PC



Set the maximum size of a user's OneDrive that can download automatically



Group Policies (III) Computer Configuration



Set the sync client update ring



Specify the OneDrive location in a hybrid environment



Silently move Windows know folders to OneDrive



Use OneDrive Files On Demand



Silently sign in users to the OneDrive sync client with Windows Credentials



Warn users who are low on disk space



Specify SharePoint Server URL and organization name



Prompt users when delete multiple files

Storage Sense Group Policies



Computer Configuration



Group Policies (Computer Configuration



Allow Storage Sense Global



Allow Storage Sense Temporary Files cleanup



Configure Storage Sense Cloud Content dehydration threshold



Configure Storage Storage Downloads cleanup threshold



Configure Storage Sense cadence



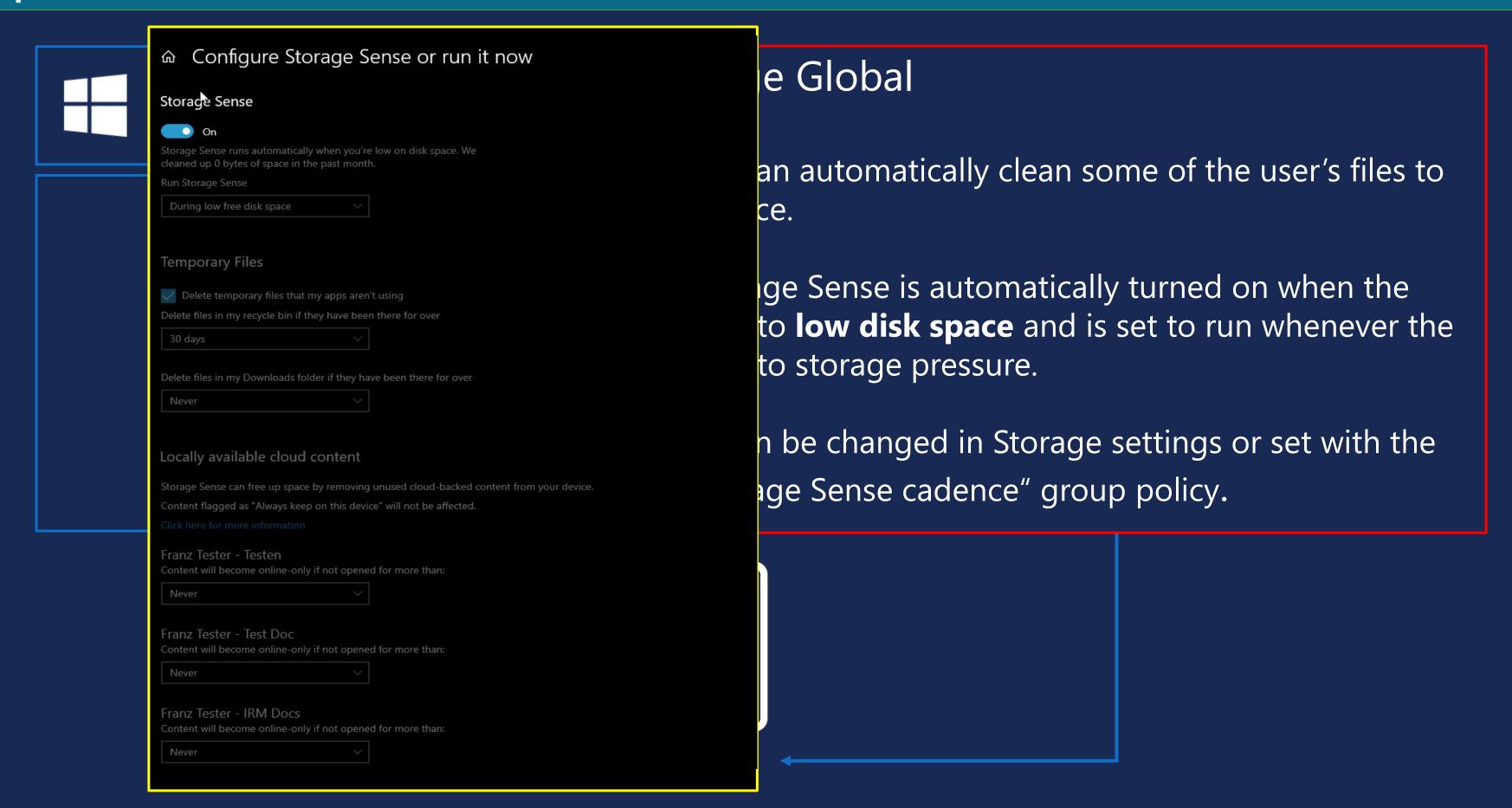
Configure Storage Sense Recycle Bin cleanup threshold

OneDrive - Sync

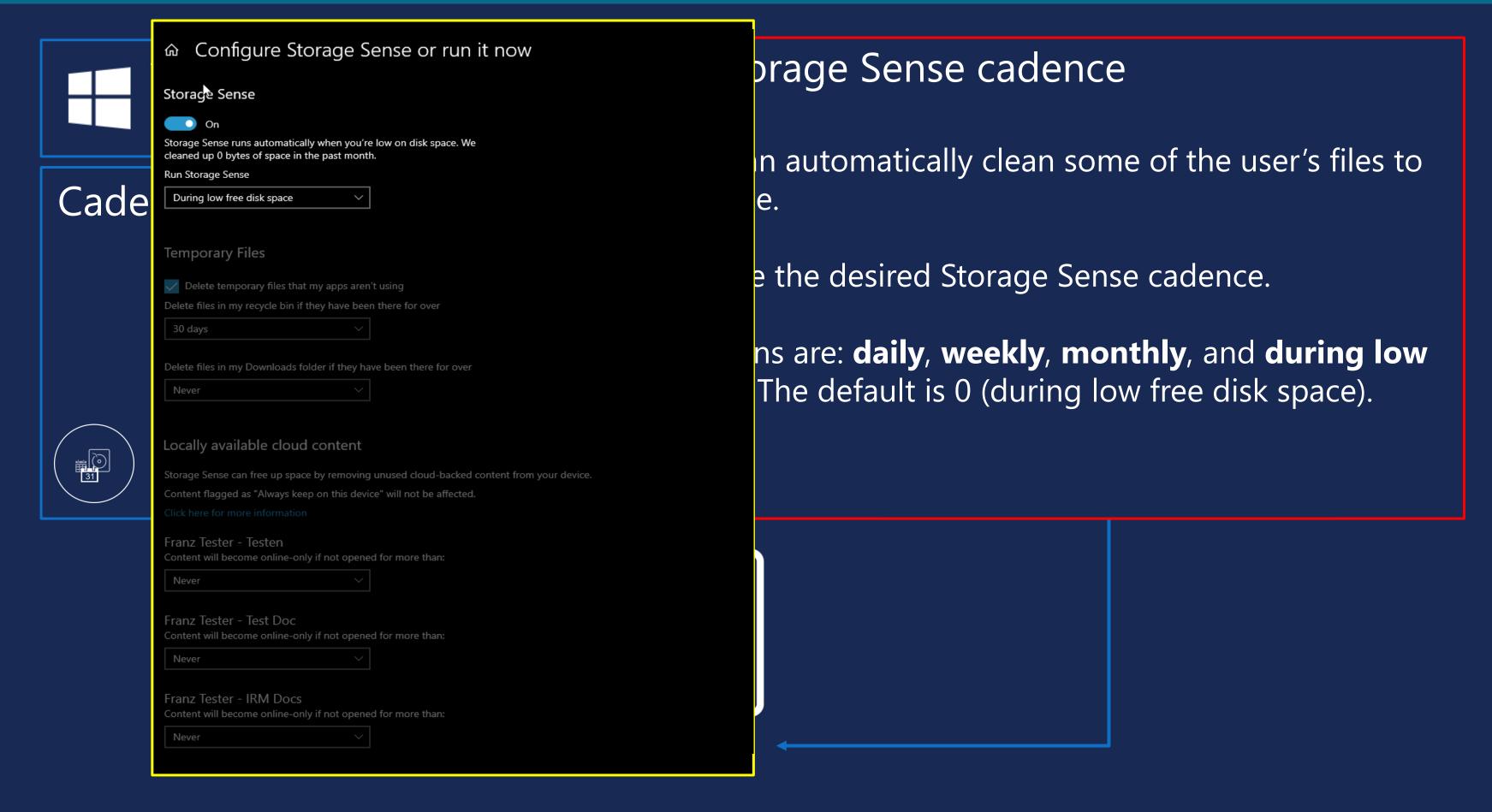
OneDrive – Updates

Group Policies

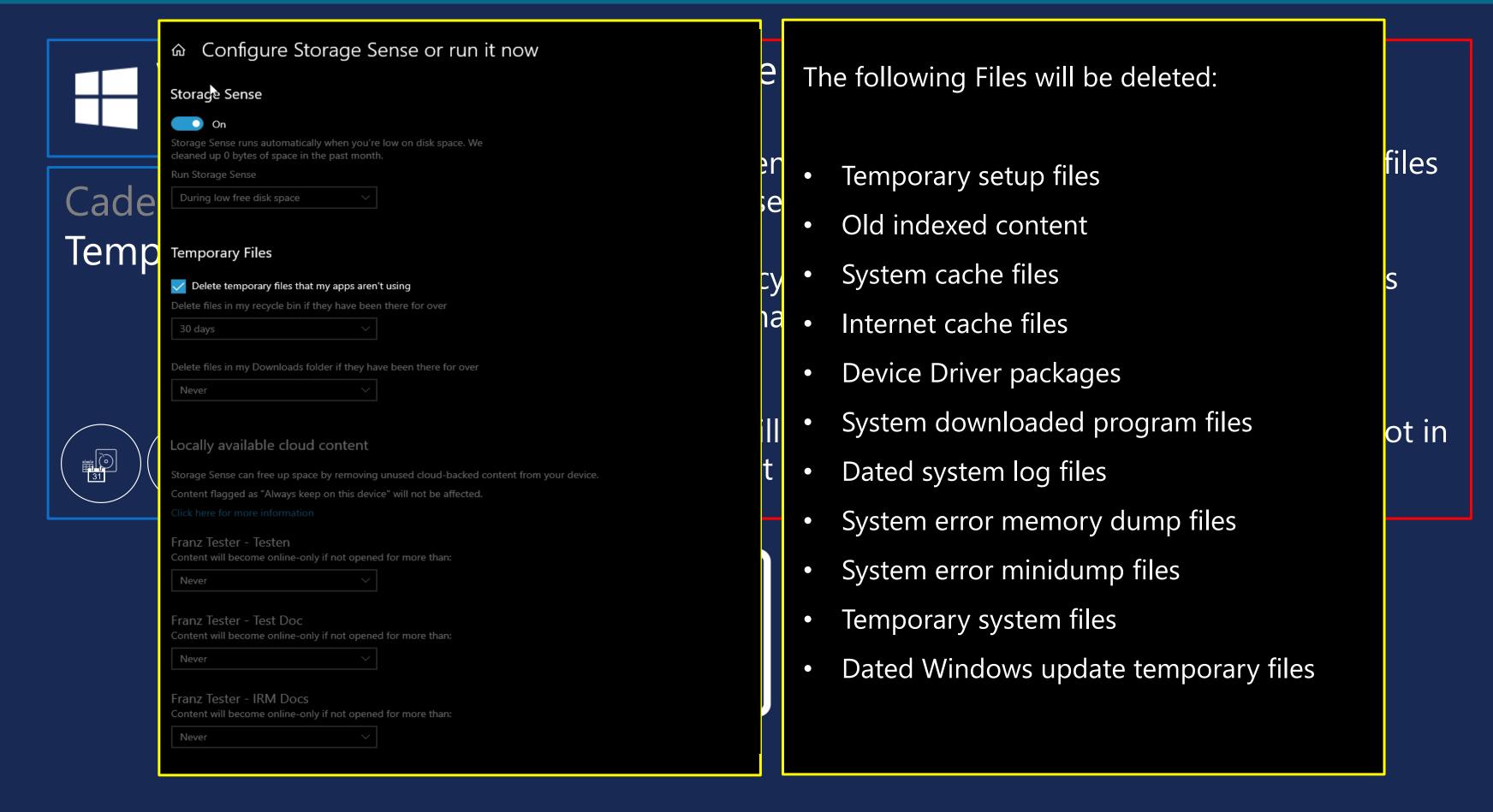
Top 10 Group Policies



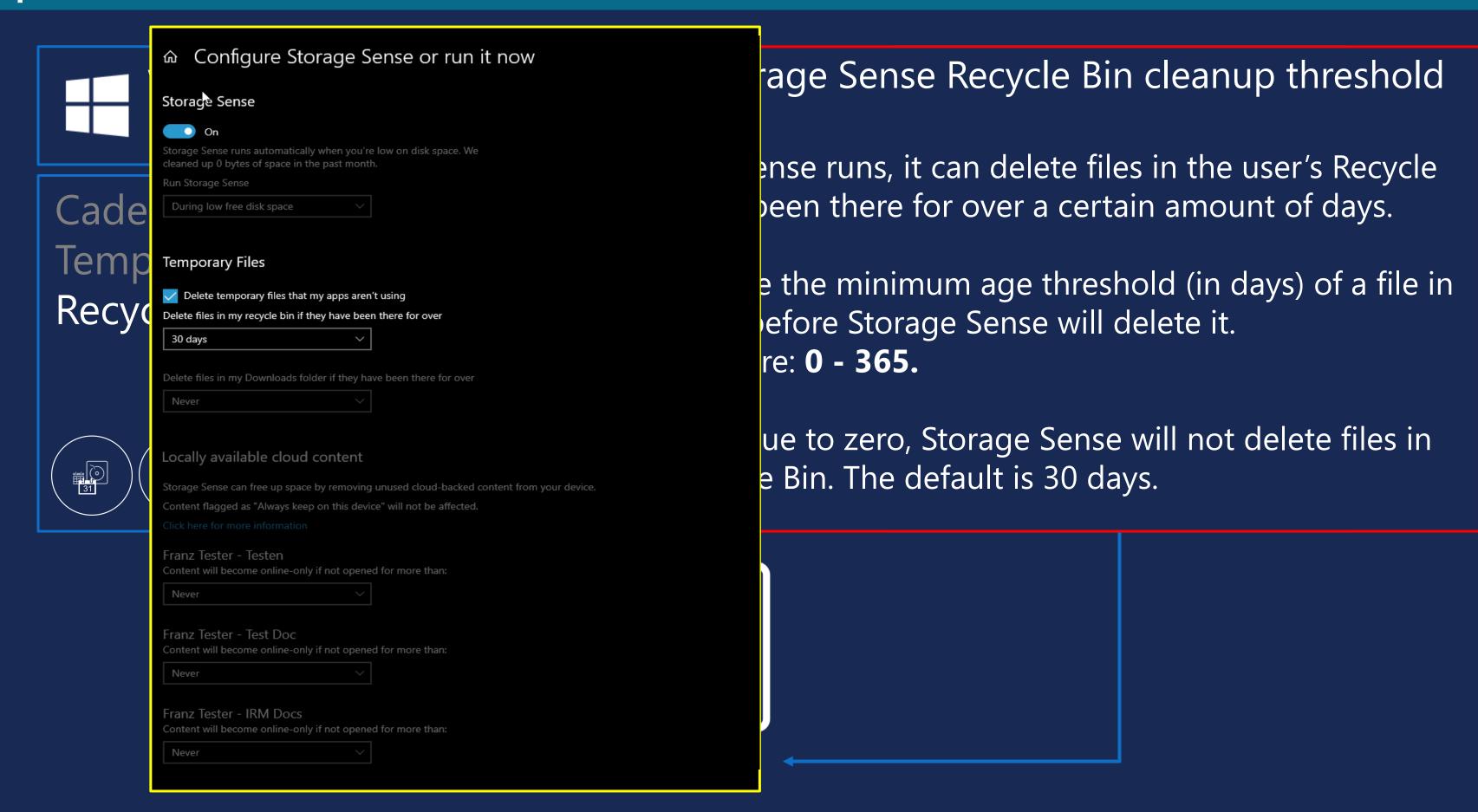
1 Preparation: Storage Global: ON/OFF for the next 5 Group Policies



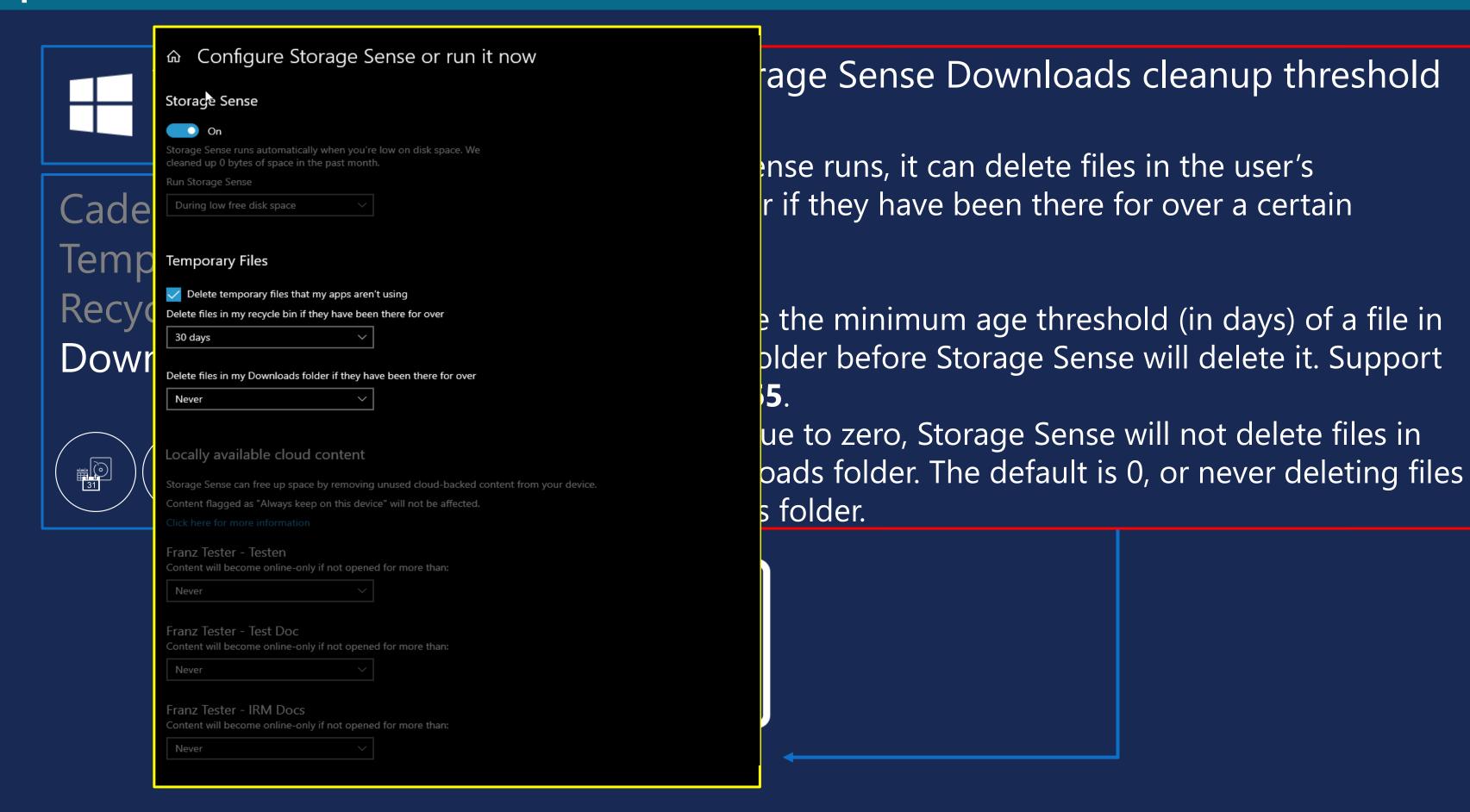
2 Cadence: how often should the Storage Sense Group Policies work?



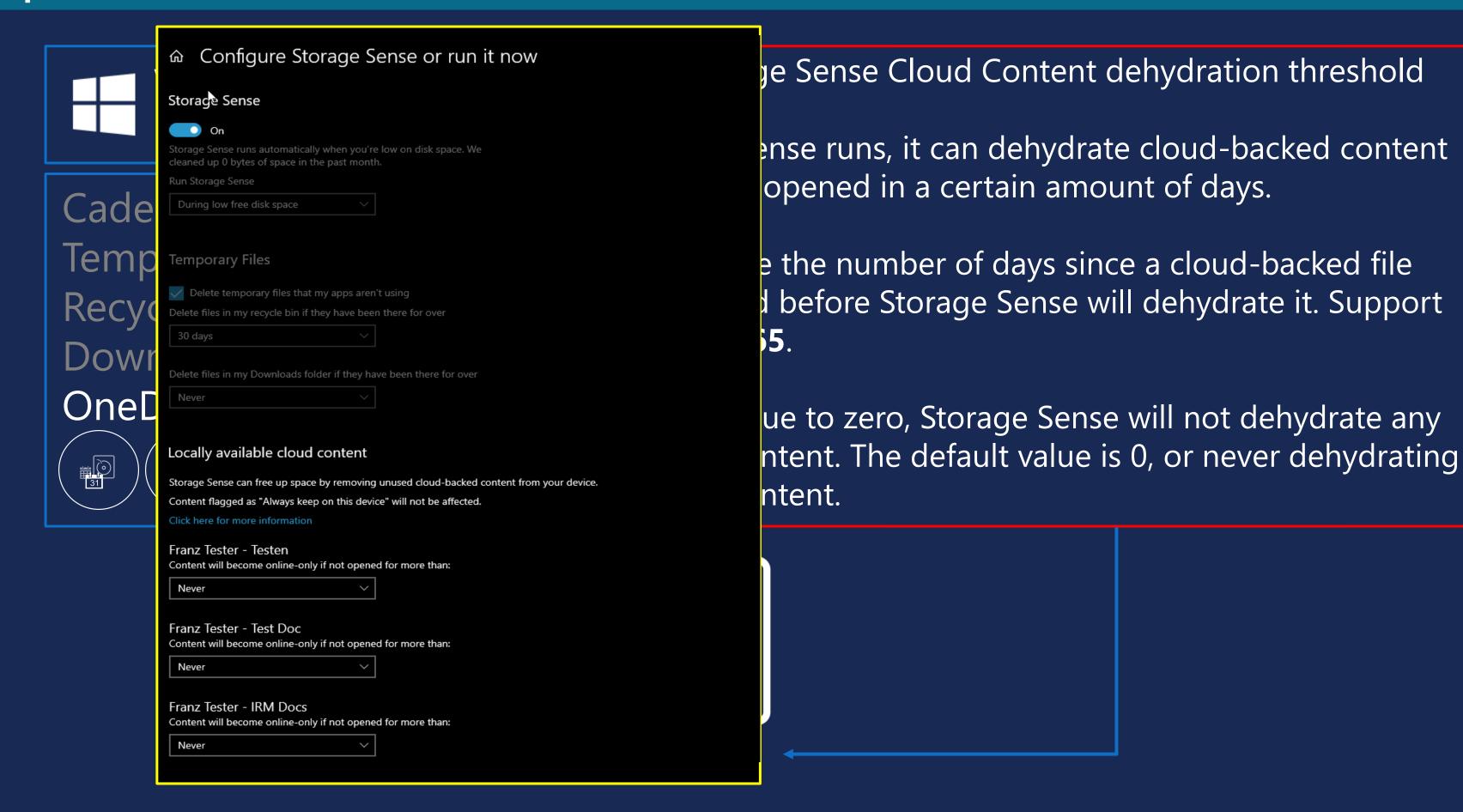
3 Do not forget to inform all users about these Group Policies: here "Delete of users temporary files"



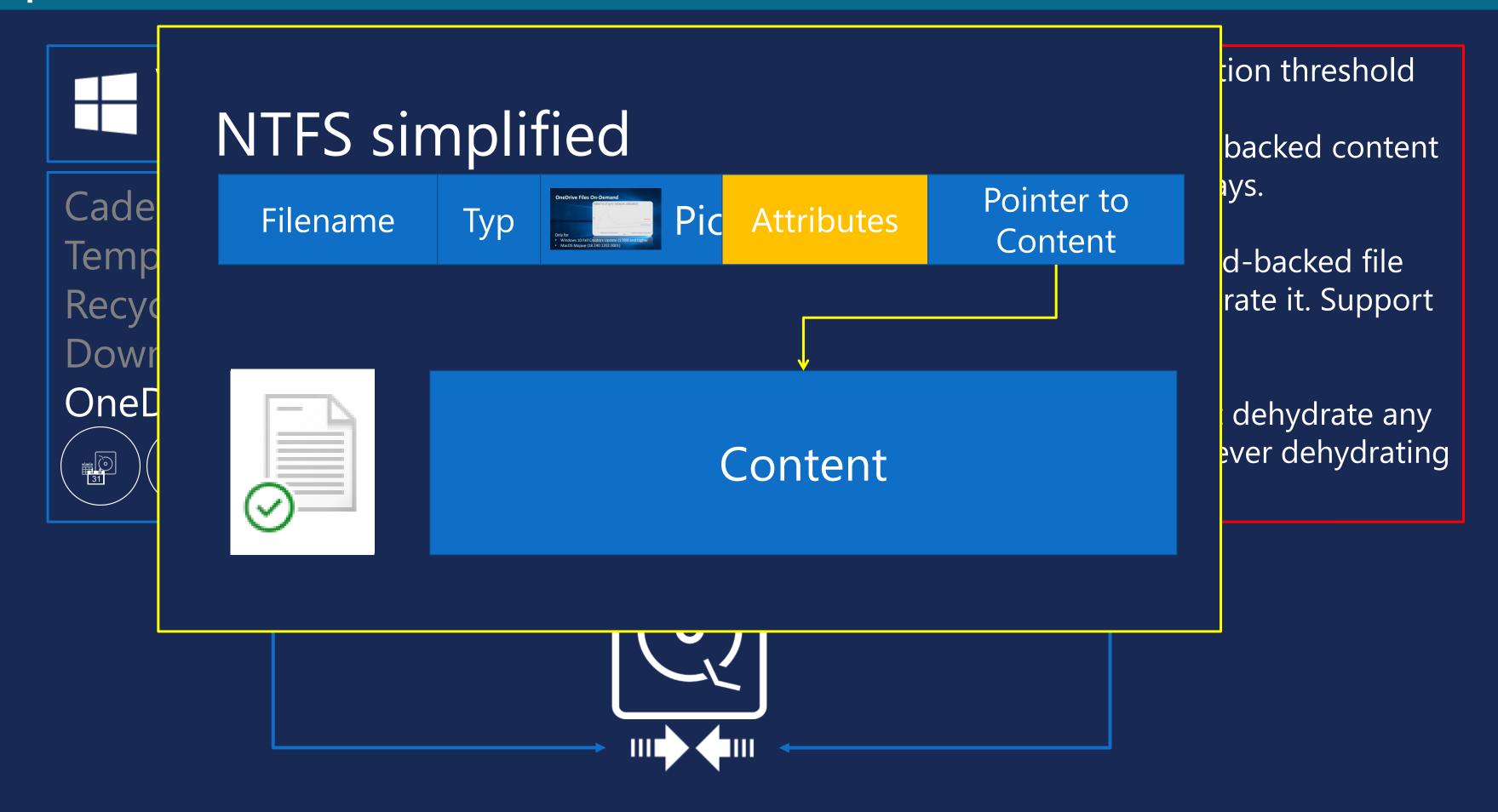
4 Do not forget to inform all users about these Group Policies: here "Cleanup Users Recycle Bin"



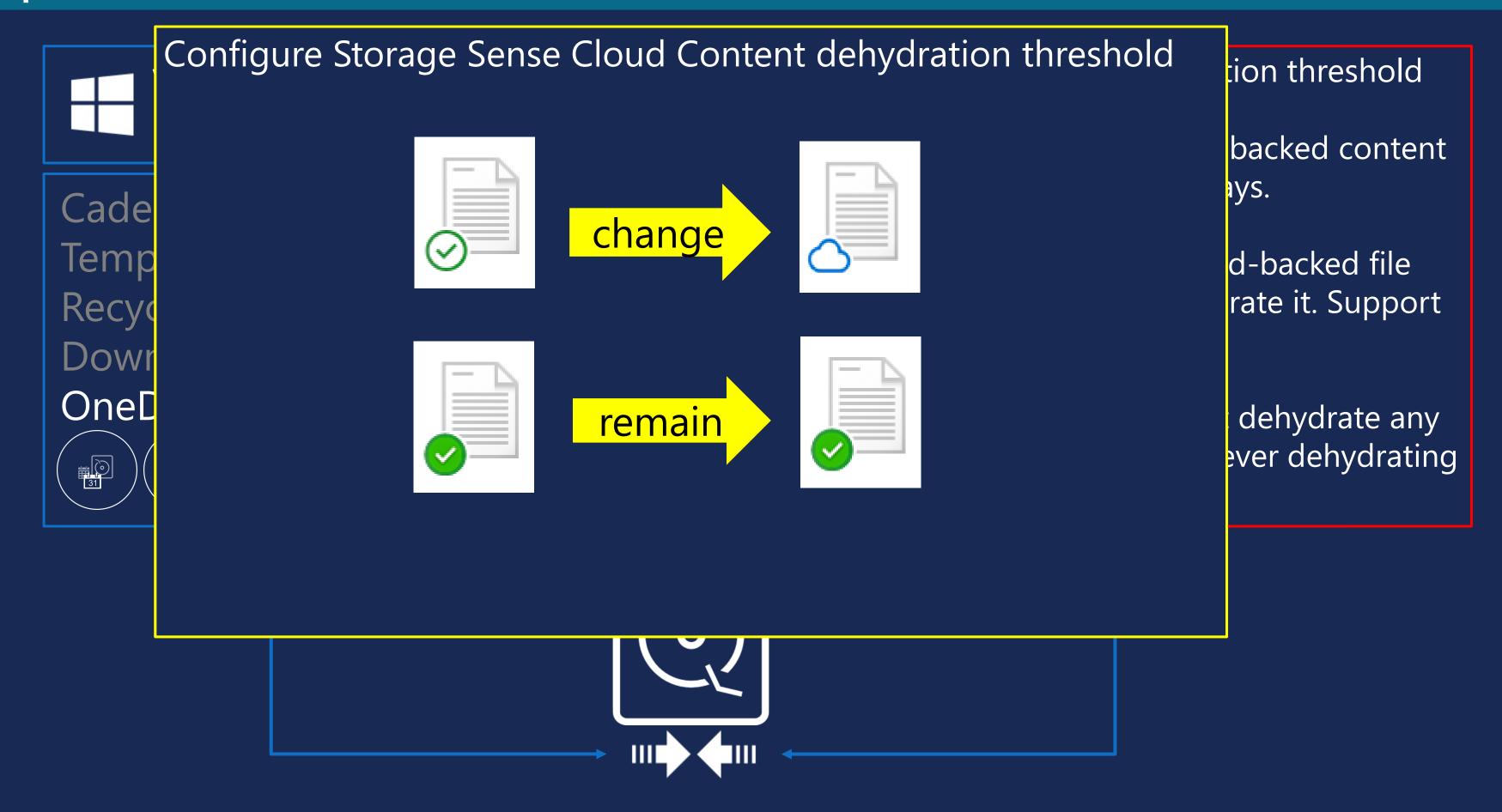
5 Do not forget to inform all users about these Group Policies: here "Cleanup Users Recycle Bin"



6 Your Users have to know the difference between "Local available" and "Always available"!



6 Your Users have to know the difference between "Local available" and "Always available"!



6 Your Users have to know the difference between "Local available" and "Always available"!

Use OneDrive Files On-Demand

This setting lets you control whether OneDrive Files On-Demand is enabled for your organization.

If you enable this setting, OneDrive Files On-Demand will be turned on by default.

If you disable this setting, OneDrive Files On-Demand will be explicitly disabled and users can't turn it on.



OneDrive

Files On-Demand





Warn Users who are low on disk space

This setting lets you specify a minimum amount of available disk space and warn users when the OneDrive sync client (OneDrive.exe) downloads a file that causes them to have less than this amount.

Users will be prompted with options to help free up space.



OneDrive

Files On-Demand Download Warning







Block file downloads when users are low on disk space

This setting lets you specify a minimum amount of available disk space and block the OneDrive sync client (OneDrive.exe) from downloading files when users have less than this amount.

Users will be prompted with options to help free up space.



OneDrive

Files On-Demand Download Warning Download Block

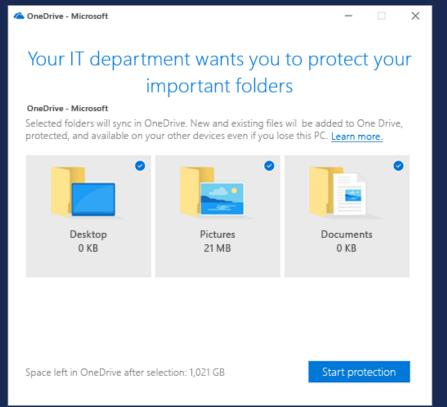




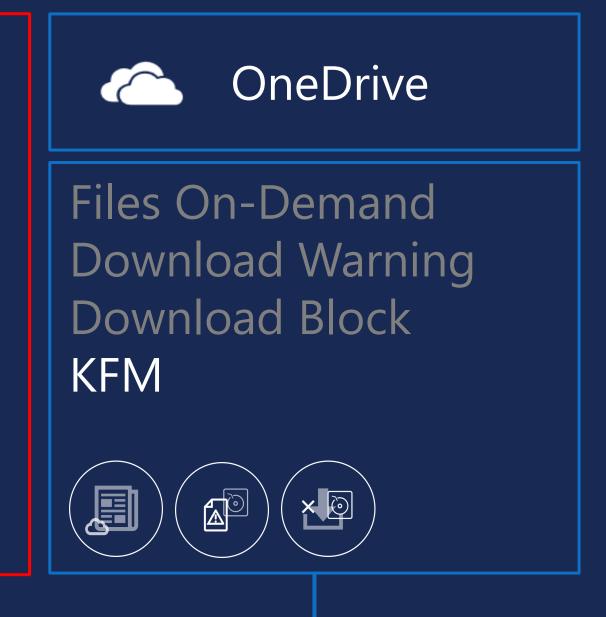


9 After warning a download "Block" will get the life of the Windows device

Prompt users to move Windows know folders to OneDrive

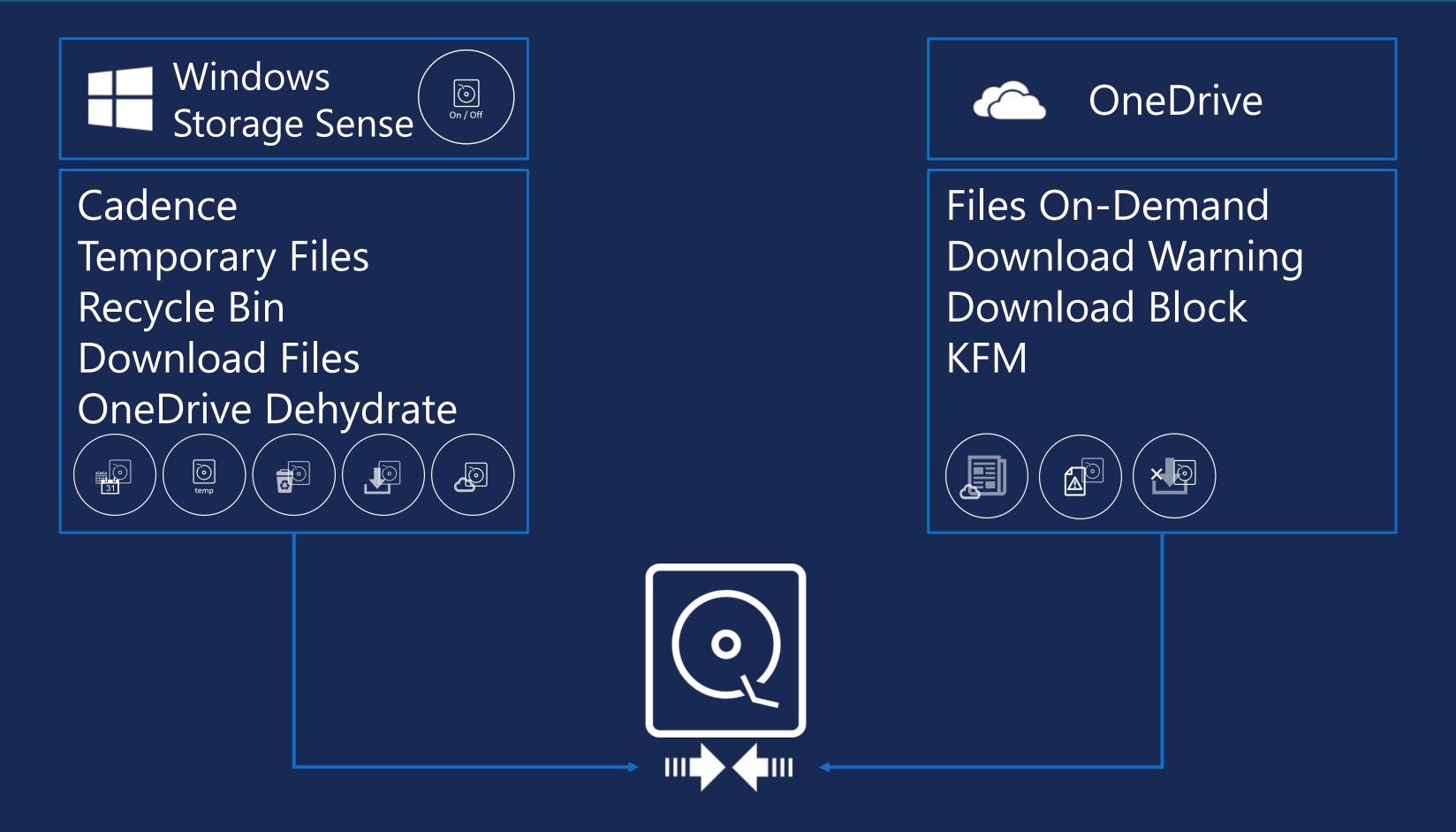


and/or
Silently move Windows known Folders to OneDrive





10 if your AD is well formed, you may do it in different steps: first PROMPT, later on SILENTLY



Agenda

OneDrive - Sync

OneDrive – Updates

Group Policies

Top 10 Group Policies

Summary

- Read Blog Posts
 - Microsoft OneDrive Blog: http://bit.ly/MSTechcommunity



Webinar: What's new and upcoming in OneDrive?

Ankita Kirti on 07-23-2020 09:00 AM

private at the same tim...

Join us for a free webinar to learn about new and upcoming innovations in OneDrive like Add to OneDrive, Sync admin repo...



Olga Dalecka

A OneDrive podcast

Sync Up – a OneDrive podcast: Episode 11, "Introducing Add...

Ankita Kirti on 07-23-2020 08:00 AM

Episode 11, "Introducing Add to OneDrive" focuses on the brand new feature announced earlier this month.



Webinar: Empower your remote workforce with data security...

Ankita Kirti on 06-23-2020 10:59 AM

Free webinar on data security and compliance in OneDrive and SharePoint.





Top 4 tips to protect your remote workforce with data...

Ankita Kirti on 06-10-2020 10:01 AM

Data loss is non-negotiable for your business. Read on to learn how Microsoft 365 and OneDrive helps keep your data secu...



OneDrive Roadmap Roundup - May 2020

Ankita Kirti on 06-09-2020 10:00 AM

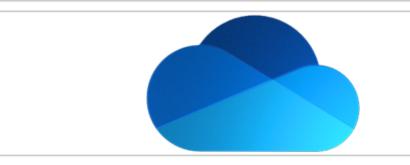
Here are the latest functionalities that landed in production in the month of May-2020. Updates to sharing links that bl...

- Read Blog Posts
 - Microsoft OneDrive Blog: http://bit.ly/MSTechcommunity
 - Hans Brender News:

 https://hansbrender.wordpress.com/
 German language
 http://bit.ly/OneDrive-GER
 English language
 http://bit.ly/OneDrive-EN







Hier eine Übersicht über alle Artikel, die ich über OneDrive, OneDrive for Business und dem Next Generation Sync Client geschrieben habe.

for all english posts you may switch here

Datum	Beschreibung	Link
10.08.20	Grundlagen OneDrive 05	o
03.08.20	Grundlagen OneDrive 04	o ^o
01.08.20	Neue OneDrive Insider Version: Spiegel Fehler	o°
30.07.20	Grundlagen OneDrive 03	o ^o
27.07.20	OneDrive for Business neue Navigation bei Shared Libraries	o ^o
22.07.20	Grundlagen OneDrive 02	o ^o
20.07.20	Grundlagen OneDrive 01	o
17.07.20	OneDrive Personal – Abrufen von Dateien	o
15.07.20	Probleme mit SharePoint Online	o
06.07.20	OneDrive Synchronisations Administrator Report	op
03.07.20	OneDrive for Business – Zu OneDrive hinzufügen	op
01.07.20	MVP Award – 8x hintereinander	op
01.07.20	Microsoft 365 Virtual Marathon – Aufzeichnungen verfügbar	o
12.06.20	Office und OneDrive Speichern und Teilen	op
02.06.20	OneDrive fo Business: Dateiuploadgröße 100 GB verfügbar	op
30.05.20	New Insider Version 20.084.0426.0006 verfügbar	o
04.05.20	OneDrive Gruppenrichtlinie Änderung: Synchronisierung	op
27.04.20	OneDrive Neuheiten zu Version 20.052.0311.0010	op
09.04.20	Version History im Windows Datei-Explorer	o
29.03.20	OneDrive mit mir getilte Dateien synchronisieren	o
21.03.20	OneDrive Programm-Dateien an anderer Stelle	0
09.03.20	OneDrive for Business Löschen ist nicht gleich Löschen	
09.03.20	Neues Feauture: OneDrive Sync Version History	
02.03.20	Register für die Preview Version des Mr.OneDrive's BOT	
02.03.20	SharePoint Saturday Bremen – Zusammenfassung	







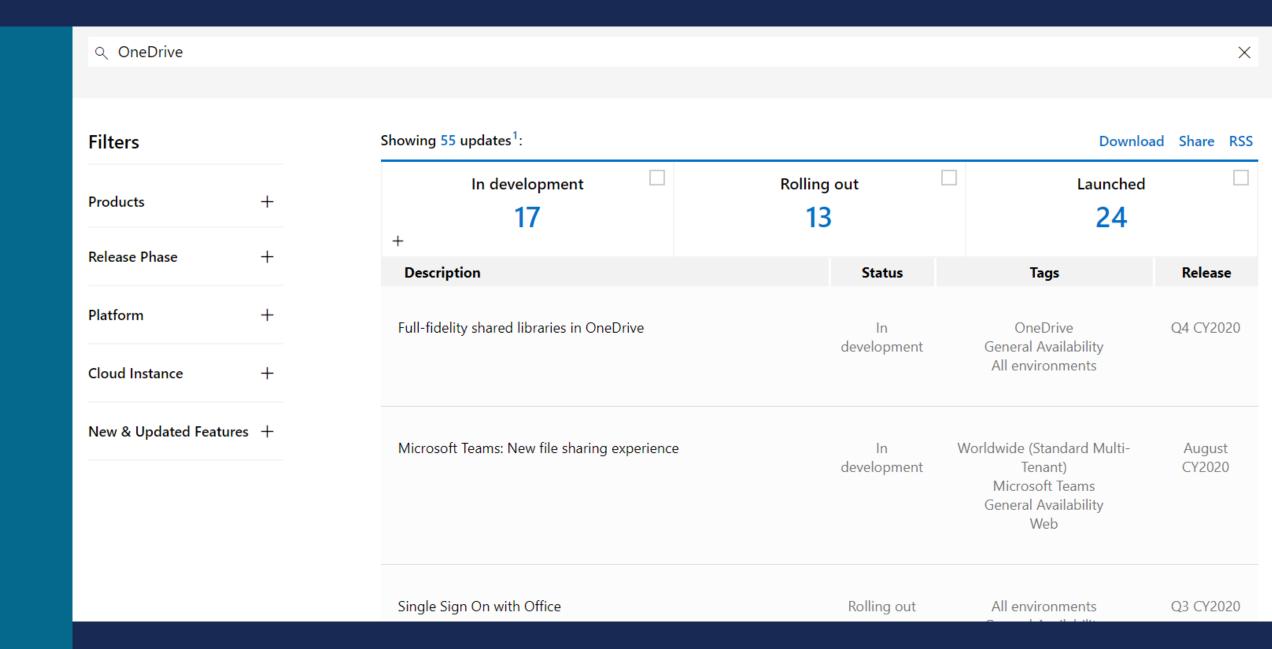
Here is an overview about all articles to OneDrive for Business, OneDrive and the Next Generation Sync Client, I have written in English language

for a German language table, please switch here

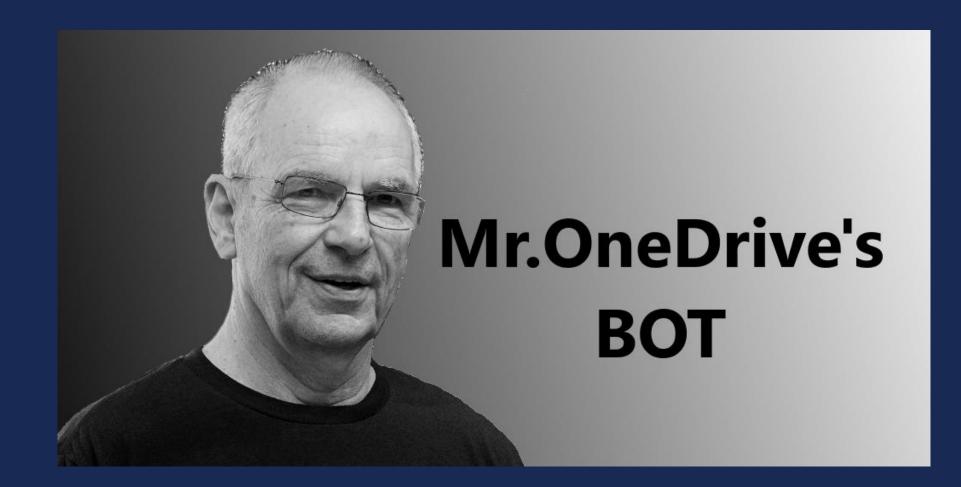
Date	description	Link
08/10/20	OneDrive Basics 05	op
08/03/20	OneDrive Basics 04	op
08/01/20	New OneDrive Insider Version: Mirror bug	op
07/30/20	OneDrive Basics 03	o
07/27/20	OneDrive for Business new navigation in Shared Libraries	op
07/22/20	OneDrive Basics 02	op
07/20/20	OneDrive Basics 01	o
07/17/20	OneDrive Personal – Fetch Files	o
07/06/20	OneDrive Sync Admin Report	op
07/03/20	OneDrive for Business – Add Shortcut to my files	op
07/01/20	MVP Award – 8 times in a row	op
06/29/20	4 MVP's talking about tech Insides of Mr. OneDrive BOT	op
06/13/20	Office and OneDrive Save and Share	o
06/02/20	OneDrive for Business: File Upload Size 100 GB available	o
05/30/20	New OneDrive Insider version 20.084.0426.0006 available	op
05/04/20	OneDrive Group Policy Change: Allow syncing OneDrive accounts	op
04/27/20	OneDrive news about Version 20.052.0311.0010	op
04/09/20	Version history inside File explorer	op
04/06/20	SPS Warshaw All recorded SAessions from first Online event	op
03/29/20	OneDrive Sync Shared with me files	مر
03/21/20	OneDrive Where are my prgram files stored?	
03/09/20	OneDrive for Business Restore is not Restore	
03/09/20	New feature: OneDrive Sync Version History	
03/02/20	Register the Mr.OneDrive's BOT Preview	

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 - Microsoft OneDrive Blog: http://bit.ly/MSTechcommunity
 - Hans Brender News:

 https://hansbrender.wordpress.com/
 German language
 http://bit.ly/OneDrive-GER
 English language
 http://bit.ly/OneDrive-EN
 - Microsoft Office 365 Roadmap: https://www.microsoft.com/enus/microsoft-365/roadmap



- Mr.OneDrive' BOT
 - Hans need Sleep This BOT never sleeps
 - Hans speaks only 2 languages This BOT knows 50 Languages
 - The BOT for Microsoft TEAMS



5:27 PM Hello Mr. OneDrive's Bot 5:27 PM Hello and cordial Welcome. The first articles were printed by me in trade journals, but that was in the last millennium. Then there were rigid websites, which were already outdated after the publication of an article. And then the Blogs were created. There are a lot of things to be found in dealing with collaboration scenarios." And because a lot of things can be delivered in person, I'm doing a lot of things at a variety of events where I'm talking about OneDrive. Because writing (often in German and English) involves a lot of effort. That's why I also offer workshops. For companies. Last a whole day.' But now comes the next step. And with Mr.OneDrive's Bot I clone myself. I have to sleep from time to time, the bot does not, I can not speak another foreign language other than German and English. The bot already. He also responds in this language. Al and the Microsoft Cloud make it possible." I've been working with Microsoft technology for many years. My favorite programs are Next Generation Sync Client, OneDrive for Business, OneDrive, SkyDrive Pro, SkyDrive, SharePoint Workspace 2010 (formerly Groove) SharePoint and Work Folders. Hallo und willkommen Mr. OneDrive's Bot 5:29 PM Hallo und herzlich Willkommen. Die ersten Artikel wurden von mir in Fachzeitschriften abgedruckt, aber das war im letzten Jahrtausend. Dann gab es starre Webseiten, die eigentlich schon nach der Veröffentlichung eines Artikels schon wieder veraltet waren. Und dann enstanden die Blogs. Einiges im Umgang mit Zusammenarbeits-Szenarien findet man dort. Und weil vieles doch besser persönlich überbracht werden kann, tummle ich mich auf den verschiedensten Veranstaltungen, wo ich zum Thema OneDrive spreche. Denn das Schreiben (in schreibe oft in deutscher und englischer Sprache) ist mit viel Aufwand verbunden. Deshalb biete ich auch Workshops an. Für Firmen. Dauern einen ganzen Tag. Aber jetzt kommt der nächste Schritt. Und mit Mr.OneDrive's Bot klone ich mich selbst. Ich muss ab

und an schlafen, der Bot nicht, Ich kann ausser deutsch und Englisch keine weitere Fremdsprache. Der Bot schon. Er antwortet auch in dieser Sprache. Al und die Microsoft Cloud machen es möglich.

Ich beschäftige mich seit langen Jahren mit Microsoft Technologie. Meine Lieblingsprogramme sind Next Generation Sync Client, OneDrive for Business, OneDrive, SkyDrive Pro, SkyDrive, SharePoint

Microsoft hat mich seit 2013 bis heute in ununterbrochener Reihenfolge mit dem MVP Award

Kommunikation mit Hans

Workspace 2010 (ehemals Groove) SharePoint und Work Folders.

ausgezeichnet.

Entwickler dieses Bots

In BETA

UserVoice: Save and Restore current OneDrive configuration

- Start OneDrive automatically when I sign in to windows
- Automatically pause sync when this device is on a metered ne
- Display notifications when people share with me
- Warn me before removing files from the cloud
- Notify me when sync is auto-paused
- Save space and download files as you use them

for each account/location: Choose folders settings

- Manage Backup
- Upload rate
- Download rate
- Use Office applications to sync Office files that I open
- Sync conflicts
- Insider version







Questions?

Microsoft 365 and Power Platform India User Group









Slide Deck available:

Thank you!