

CSV scripts for users with missing profile pictures

***Note:** all pictures are synced also via Exchange ([see here](#))

- (1) [Connect with Powershell](#)
- (2) [missing profile pictures CSV output file](#)
%userprofile%\Documents\UsersWithNoPicture.csv

*for picture upload connect in Powershell using
/?proxymethod=rps below

****[to avoid Errors while uploading](#)**

- (3) [Prepare CSV / add column for path of picture](#)
- (4) [upload pictures from CSV](#)
- (5) allow exchange hybrid properties for pictures in apps (eg. SPO)

get-organizationconfig | select -ExpandProperty EwsAllowList

Reference:

<https://blogs.technet.microsoft.com/canitpro/2016/04/06/step-by-step-blocking-outside-apps-from-accessing-exchange-web-services/>

(1) Connect with Powershell

AzureAD Modul installieren */ -Force überspringt die Abfrage J/N

install-module AzureAD -Force

Set-ExecutionPolicy RemoteSigned -Force

Get-Credential "admin@domain.com" | Export-Clixml \$ENV:UserProfile\Documents\MyCredential.xml

\$cred = Import-Clixml \$ENV:UserProfile\Documents\MyCredential.xml

Connect-AzureAD -Credential \$cred

\$Session = New-PSSession -ConfigurationName Microsoft.Exchange -ConnectionUri

https://outlook.office365.com/powershell-liveid/?proxymethod=rps -Credential \$cred -Authentication Basic -AllowRedirection

Import-PSSession \$Session -DisableNameChecking

(2) Missing profile pictures CSV output file

*** Exchange, Delve Profilbilder synchronisieren anschliessend von Exchange**

\$Users = Get-AzureADUser | Where {\$_.UserType -eq 'Member' -and \$_.AssignedLicenses -ne \$null}

\$NoPictureUsers = @()

foreach (\$user in \$Users)

{

 \$Picture = Get-UserPhoto -Identity \$user.UserPrincipalName -ErrorAction SilentlyContinue

 if (\$Picture -eq \$null)

 {

 \$NoPictureUsers += \$user

 }

}

\$NoPictureUsers | Select DisplayName, UserPrincipalName | Export-Csv -Path

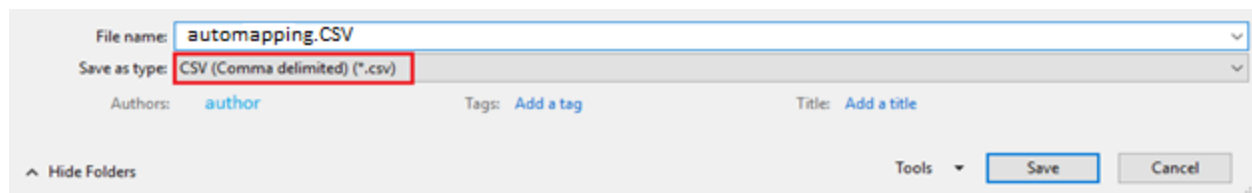
\$ENV:UserProfile\Documents\UsersWithNoPicture.csv -NoTypeInfoation

(3) Prepare CSV / add column for path of picture

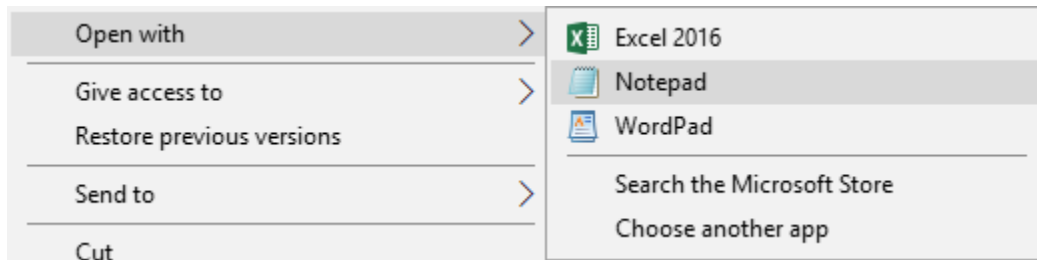
* CSV Ausgabe der fehlenden Bilder öffnen und Spalte für Bilder hinzufügen

	A	B	C	D	E
1	DisplayName	UserPrincipalName	picture		
2	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
3	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
4	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
5	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
6	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
7	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
8	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
9	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
10	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
11	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
12	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
13	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
14	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
15	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
16	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
17	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
18	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
19	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
20	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
21	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
22	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
23	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
24	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
25	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
26	Test User	test@user.com	C:\Users\USER_NAME\Documents\pics\test.jpg		
27					
28					

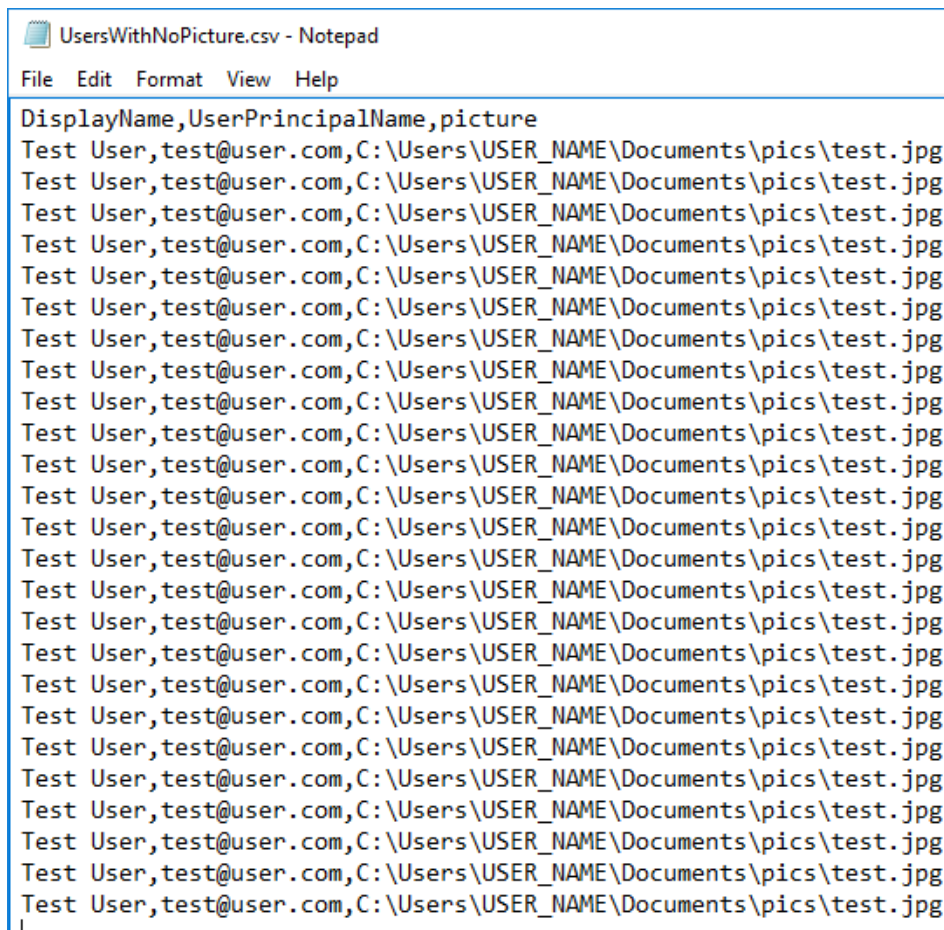
Make sure the used file is saved as **CSV Comma separated*



In Notepad ...



.. it will look like this



- (4) upload pictures from CSV

*Skript für das Hochladen von fehlenden Profilbildern

```
$path= "C:\Users\YOUR_PATH "
```

```
$CSV = Import-csv $path\UsersWithNoPicture2.csv
```

```
$CSV | foreach { Set-UserPhoto -Identity $_.UserPrincipalName -
PictureData ([System.IO.File]::ReadAllBytes($_.picture)) -
Confirm:$false }
```

Note: upload might take some time

* In case you receive the following error make sure to use `/?proxymethod=rps`

```
$Session = New-PSSession -ConfigurationName Microsoft.Exchange -ConnectionUri  
https://outlook.office365.com/powershell-liveid/?proxymethod=rps -Credential $cred -Authentication  
Basic -AllowRedirection
```

[illegible]