



Project Documentation  
One Drive Prep Script.ps1

Date: 12/1/2024

Manager

Developer: Chris Brennan  
christopher.j.brennan@rtx.com

Co-Developer:

**.Description**

*Need a script that meets the following requirements:*

1. Ability to load in a user list via .csv. User list will include a column populated with @adxuser.com IDs.
2. With each of the users listed in the .csv,
  - Create 2 folders in OneDrive and name them:
  - Folder 1: "DO NOT MIGRATE"
  - Folder 2: "APPROVED TO MIGRATE"
3. Everything in the OneDrive root folder is moved to the new "DO NOT MIGRATE" folder.

**.Synopsis**

*This script will:*

1. Import User .csv file
2. Connects to each User site
3. Creates 2 Folders : "FILES MIGRATED" & "APPROVED TO MIGRATE"
4. Moves all contents of "Documents" folder to "APPROVED TO MIGRATE" folder
5. Disconnect User site
6. Export Reports:
  - Summary Report
  - Log File
  - Transcript

**.Notes**

*Implementation:*

You need to edit this script & change these parameters:

1. \$Project = Change the Project Name
2. \$TenantUrl = Change the Tenant Url
3. \$LogPath = Set the path to the log files
4. \$DataPath = Set Path to the .csv file containing user data
5. Save & Run the script

.NOTES  
Script Name : OneDrive Prep Script.ps1  
Author : chris@brennantechnologies.com  
Date Created : 2025-12-12  
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This Version : 1.1



Automation Workflow for:  
One Drive Prep Script.ps1

.NOTES  
Script Name : Get-DeletedTeamsSites.ps1  
Author : chris@brennantechnologies.com  
Date Created : 2025-12-12  
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Run the Script:

Run the script with appropriate parameters & permissions to modify users OneDrive folders.



```
### Run the Script with Parameters:
### -----
### Example:
.\OneDrivePrepScript.ps1 -TenantUrl "https://$tenantID.sharepoint.us" `
-LogPath "c:\tmp\logs"
-DataFile "c:\tmp\UserData.csv"
```

Script Parameters:

You could manually edit the script parameters to match your environment.



```
### Script Parameters:
### -----
param (
    ### Project Name/Client:
    $Project = "Test Dev Script"
    ### Tenant URL:
    $TenantUrl = "https://$tenantID-my.sharepoint.us"
    ### Path to the .csv file containing error log file:
    $LogPath = ".\Projects\OneDrive Prep Script"
    ### Path to the .csv file containing user data:
    $DataFile = "UserData.csv" )
```

Import User Data:

Import User .csv file containing user UPN.



```
### Import User Data:
### -----
try { $users = Import-Csv -Path $DataFile }
catch {
    Write-rtxLog -Message $_.Exception.Message -Level Error
    throw
}
```

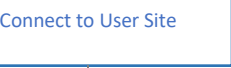
Script Logic:

```
Foreach ($user in $users){
    1. Connect User Site
    2. Create Folders
    3. Get Items
    4. Move Files
    5. Log & Report
    6. Disconnect User
}
```

Out of scope options:

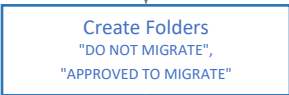
- Email User Report
- Code Sign Script

Loop through All User

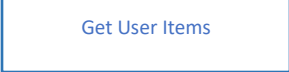


```
### Connect to User's Site:
### -----
### Replace '0' and '.' with '_'
$userUpn = $($user.Upn).Replace("@", "_").Replace(".", "_")

### User's OneDrive Relative URL
$userRelativeUrl = "$tenantUrl/personal/$userUpn"
$spnpsiteconnection = Connect-PnPOnline -url $userRelativeUrl `
-ReturnConnection -useweblogin
```



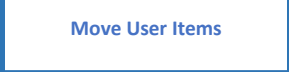
```
### Create Folders:
### -----
@("DO NOT MIGRATE", "APPROVED TO MIGRATE", "TestFolder") | ForEach-Object {
    Resolve-PnPFolder -SiteRelativePath "Documents/$_" | Out-Null
}
```



```
### Get OneDrive Items:
### -----
$allItems = Get-PnPListItem -List 'Documents' | Where-Object {
    ($_.FieldValues.Title) -ne "DO NOT MIGRATE"
    -and ($_.FieldValues.Title) -ne "APPROVED TO MIGRATE"
    -and ($_.FieldValues.Title) -ne "TestFolder"
}
```

Move Items:

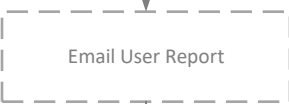
Move Item:



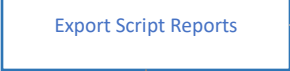
```
### Move Items:
### -----
$movePnPFileParams = @{
    ServerRelativeUrl = $item.FileRef
    TargetServerRelativeLibrary = $targeturl
    AllowSchemaMismatch = $false
    AllowSmallerVersionLimitOnDestination = $false
    IgnoreVersionHistory = $false
    Connection = $spnpsiteconnection
    Force = $true
    ErrorAction = 'Stop'
}
Move-PnPFile @movePnPFileParams ### Move the item
```



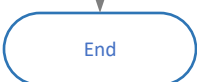
Log & Report:



Out of Scope



Out of Scope



.NOTES  
Script Name : Get-DeletedTeamsSites.ps1  
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OneDrive Prep Script:

User Report

Subject : YOUR FILES WERE MIGRATED TO THE "APPROVED TO MIGRATE" FOLDER  
Project : Test Dev Script  
User\_Upn : C95  
Date : 11/

Message : The following files have been moved to the "APPROVED TO MIGRATE" folder, please review the list below.

- WARNING: Any files that could not be moved will not be migrated. (see error list below).
- For further assistance please contact your Help Desk.

FILES & FOLDERS MOVED:

Status	Source	Target
Success	/personal /c9	Documents/APPROVED TO MIGRATE
Success	/personal /c9	Documents/APPROVED TO MIGRATE
Success	/personal /c9	Documents/APPROVED TO MIGRATE
Success	/personal /c9	Documents/APPROVED TO MIGRATE
Success	/personal /c9	Documents/APPROVED TO MIGRATE

ERRORS:  
No errors.

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## OneDrive Prep Script: Log File

.NOTES  
Script Name : OneDrive Prep Script.ps1  
Author : chris@brennantechnologies.com  
Date Created : 2025-12-12  
Last Modified : 2025-12-12  
This Version : 1.1.0

LOG-ENTRY-DATETIME	CATEGORY	CALLSTACK TRACE	MESSAGE
11/26/2024 17:52:18.666	INFO	CallStack: OneDrive Prep Script.ps1, Line: 79	Processing User: C95
11/26/2024 17:53:02.106	INFO	CallStack: <ScriptBlock> <Begin>, Line: 57	Starting OneDrive P
11/26/2024 17:53:02.183	INFO	CallStack: OneDrive Prep Script.ps1, Line: 79	Processing User: C95
11/26/2024 17:53:07.017	INFO	CallStack: OneDrive Prep Script.ps1, Line: 150	Moving : /personal/c
11/26/2024 17:53:07.956	ERROR	CallStack: OneDrive Prep Script.ps1, Line: 162	The destination path
11/26/2024 17:53:34.801	INFO	CallStack: <ScriptBlock> <Begin>, Line: 57	Starting OneDrive P
11/26/2024 17:53:34.856	INFO	CallStack: OneDrive Prep Script.ps1, Line: 79	Processing User: C95
11/26/2024 17:53:39.878	INFO	CallStack: OneDrive Prep Script.ps1, Line: 150	Moving : /personal/c
11/26/2024 17:53:41.068	SUCCESS	CallStack: OneDrive Prep Script.ps1, Line: 153	Moved : /personal/c
11/26/2024 17:53:41.138	INFO	CallStack: OneDrive Prep Script.ps1, Line: 150	Moving : /personal/c
11/26/2024 17:53:42.137	SUCCESS	CallStack: OneDrive Prep Script.ps1, Line: 153	Moved : /personal/c
11/26/2024 17:53:42.204	INFO	CallStack: OneDrive Prep Script.ps1, Line: 150	Moving : /personal/c
11/26/2024 17:53:43.237	SUCCESS	CallStack: OneDrive Prep Script.ps1, Line: 153	Moved : /personal/c
11/26/2024 17:53:43.332	INFO	CallStack: OneDrive Prep Script.ps1, Line: 150	Moving : /personal/c
11/26/2024 17:53:44.286	SUCCESS	CallStack: OneDrive Prep Script.ps1, Line: 153	Moved : /personal/c
11/26/2024 17:53:44.353	INFO	CallStack: OneDrive Prep Script.ps1, Line: 150	Moving : /personal/c
11/26/2024 17:53:45.283	SUCCESS	CallStack: OneDrive Prep Script.ps1, Line: 153	Moved : /personal/c
11/26/2024 17:54:55.726	INFO	CallStack: <ScriptBlock> <Begin>, Line: 57	Starting OneDrive P
11/26/2024 17:54:55.778	INFO	CallStack: OneDrive Prep Script.ps1, Line: 79	Processing User: C95
11/26/2024 17:55:21.952	INFO	CallStack: <ScriptBlock> <Begin>, Line: 57	Starting OneDrive P
11/26/2024 17:55:22.049	INFO	CallStack: OneDrive Prep Script.ps1, Line: 79	Processing User: C95
11/26/2024 17:55:29.064	SUCCESS	CallStack: OneDrive Prep Script.ps1, Line: 153	Moved : /personal/c
11/26/2024 17:55:30.003	SUCCESS	CallStack: OneDrive Prep Script.ps1, Line: 153	Moved : /personal/c

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