



Automation Workflow for:
One Drive Prep Script.ps1

.NOTES
Script Name : Get-DeletedTeamsSites.ps1
Author : chris@brennantechnologies.com
Date Created : 2025-12-12
Last Modified : 2025-12-12
This Version : 1.1

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 }
```

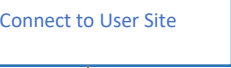
Script Logic:

```
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:

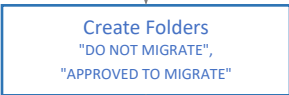
- Email User Report
- Code Sign Script

Loop through All User

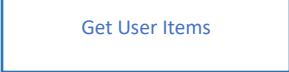


```
### Connect to User's Site:
### -----
### Replace '0' and '.' with '_'
$userUpn = $($user.Upn).Replace("@", "_").Replace(".", "_")

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



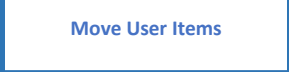
```
### Create Folders:
### -----
@("DO NOT MIGRATE", "APPROVED TO MIGRATE", "TestFolder") | ForEach-Object {
Resolve-PnPFolder -SiteRelativePath "Documents/$_" | Out-Null }
```



```
### 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:

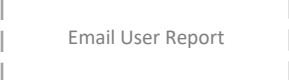
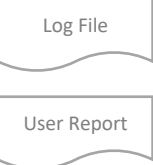
Move Item:



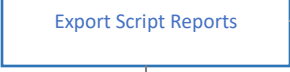
```
### Move Items:
### -----
$movePnPFileParams = @{
ServerRelativeUrl = $item.FileRef
TargetServerRelativeLibrary = $targeturl
AllowSchemaMismatch = $false
AllowSmallerVersionLimitonDestination = $false
IgnoreversionHistory = $false
Connection = $pnpsiteconnection
Force = $true
ErrorAction = 'Stop'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



Log & Report:



Out of Scope



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