

```
1 # Get-ADGroupMembershipNoRecursion.ps1
2 # Written by: Jeff Brusoe
3 # Last Updated: October 5, 2021
4 #
5 # Gets information about groups that have groups as members
6 # instead of using the -Recursive switch
7
8 [CmdletBinding()]
9 param(
10     [ValidateNotNullOrEmpty()]
11     [string]$OutputFilePath = (Get-HSCGitHubLogPath) +
12         "4ADMigrationProject\"
13 )
14
15 try {
16     Set-HSCEnvironment -ErrorAction Stop
17 }
18 catch {
19     Write-Warning "Unable to configure PS environment"
20     Invoke-HSCExitCommand -ErrorCount $Error.Count
21 }
22
23 try {
24     $ADGroups = Get-ADGroup -Filter * -ErrorAction Stop -Properties *
25 }
26 catch {
27     Write-Warning "Unable to get group list"
28     Invoke-HSCExitCommand -ErrorCount $Error.Count
29 }
30
31 foreach ($ADGroup in $ADGroups)
32 {
33     Write-Output $("Group Name: " + $ADGroup.Name)
34     $GroupMembershipLog = $OutputFilePath + "GroupMembershipLog\" +
35         (Get-Date -Format yyyy-MM-dd) + "-Logs\" +
36         $ADGroup.Name + ".csv"
37
38     $GroupMembershipLog = $GroupMembershipLog -Replace "'", ""
39     $GroupMembershipLog = $GroupMembershipLog -Replace " ", ""
40     Write-Output "Group Membership Log: $GroupMembershipLog"
41
42     New-Item -ItemType File -Path $GroupMembershipLog -Force
43
44     Get-ADGroupMember -Identity $ADGroup.DistinguishedName -ErrorAction Stop |
45         Export-Csv -Path $GroupMembershipLog -NoTypeInfoation
46
47     Write-Output "*****"
48 }
```