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1 <#
2 .SYNOPSIS
3     This file makes a backup of all proxy addresses for users in the
4     HS AD Domain.
5
6 .NOTES
7     Written by: Jeff Brusoe
8     Last Updated: November 19, 2020
9 #>
10
11 [CmdletBinding()]
12 param(
13     [ValidateNotNullOrEmpty()]
14     [string]$OutputFile = ("$PSScriptRoot\Logs\" +
15         (Get-Date -Format yyyy-MM-dd-hh-mm) +
16         "-HSADProxyAddresses.csv")
17 )
18
19 #Initialize environment
20 try {
21     Write-verbose "Configuring Environment"
22     Set-HSCEEnvironment -ErrorAction Stop
23 }
24 catch {
25     Write-Warning "Error configuring environment"
26     Invoke-HSCEExitCommand -ErrorCount $Error.Count
27 }
28
29 Write-Output "Output File: $OutputFile"
30
31 #Begin main part of program
32 Write-Output "Generating list of HS AD Users"
33 try {
34     $ADUsers = Get-ADUser -Filter * -ErrorAction Stop -properties
35     proxyAddresses,mail
36 }
37 catch {
38     Write-Warning "Unable to query the HS Domain and generate AD user list"
39     Invoke-HSCEExitCommand -ErrorCount $Error.Count
40 }
41
42 foreach ($ADUser in $ADUsers)
43 {
44     Write-Output $("Current User: " + $ADUser.SamAccountName)
45
46     $ProxyAddresses = $ADUser.ProxyAddresses | Where-Object {$_. -match "^smtp"}
47     Write-Output "ProxyAddresses:"
48     Write-Output $ProxyAddresses
49
50     $ADUser |
51     Select-Object UserPrincipalName,
52         SamAccountName,
53         mail,
54         @{name="ProxyAddresses";expression={$ProxyAddresses -join ";"}},
55         DistinguishedName |
56     Export-Csv $OutputFile -NoTypeInformation -Append
57
58     Write-Output "*****"
59 }

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60 Invoke-HSCExitCommand -ErrorCount $Error.Count
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