

```
1 <#
2 .SYNOPSIS
3     This file makes a backup of all proxy addresses for users in the
4     WVUM AD domains.
5
6 .PARAMETER OutputFile
7     The name of the file to write the proxy addresses to
8
9 .PARAMETER Domains
10    These are the WVUM domains that will be searched
11
12 .NOTES
13     Written by: Jeff Brusoe
14     Last Updated: August 3, 2021
15 #>
16
17 [CmdletBinding()]
18 param(
19     [ValidateNotNullOrEmpty()]
20     [string]$OutputFile = ("${PSScriptRoot}\Logs\" +
21         (Get-Date -Format yyyy-MM-dd-hh-mm) +
22         "-WVUMProxyAddresses.csv"),
23
24     [ValidateNotNullOrEmpty()]
25     [string[]]$Domains = @("wvuh.wvuhs.com","wvuhs.com")
26 )
27
28 try {
29     Write-verbose "Configuring Environment"
30     Set-HSCEEnvironment -ErrorAction Stop
31
32     Write-Output "Output File: $OutputFile"
33 }
34 catch {
35     Write-Warning "Error configuring environment"
36     Invoke-HSCEExitCommand -ErrorCount $Error.Count
37 }
38
39 #Begin main part of program
40 foreach ($Domain in $Domains)
41 {
42     Write-Output "Generating list of WVUM $Domain Users"
43     $Properties = @(
44         "proxyAddresses",
45         "mail"
46     )
47
48     try {
49         $GetADUserParams = @{
50             Filter = "*"
51             Properties = $Properties
52             Server = $Domain
53             ErrorAction = "Stop"
54         }
55
56         $WVUMADUsers = Get-ADUser @GetADUserParams
57     }
58     catch {
59         Write-Warning "Unable to query the HS Domain and generate AD user list"
60         Invoke-HSCEExitCommand -ErrorCount $Error.Count
```

```
61 }
62
63 foreach ($WVUMADUser in $WVUMADUsers)
64 {
65     Write-Output $("Current User: " + $WVUMADUser.SamAccountName)
66
67     $ProxyAddresses = $WVUMADUser.ProxyAddresses
68     Write-Output "ProxyAddresses:"
69     Write-Output $ProxyAddresses
70
71     $WVUMADUser |
72     Select-Object UserPrincipalName,
73         SamAccountName,
74         mail,
75         @{name="Domain";expression={$Domain}},
76         @{name="ProxyAddresses";expression={$ProxyAddresses -join ";"}},
77         DistinguishedName |
78     Export-Csv $OutputFile -NoTypeInfo -Append
79
80     Write-Output "*****"
81 }
82 }
83
84 Invoke-HSCEExitCommand -ErrorCount $Error.Count
```