

```
1 <#
2 .SYNOPSIS
3     This file makes a backup of all proxy addresses of AzureAD users in Office 365.
4
5 .NOTES
6     Written by: Jeff Brusoe
7     Last Updated: November 19, 2020
8 #>
9
10 [CmdletBinding()]
11 param(
12     [string]$OutputFile = ("PSScriptRoot\Logs\" +
13         (Get-Date -Format yyyy-MM-dd-hh-mm) +
14         "-O365ProxyAddresses.csv")
15 )
16
17 #Initialize environment
18 try {
19     Set-HSCEnvironment -ErrorAction Stop
20
21     $Office365 = Connect-HSCOffice365 -ErrorAction Stop
22     Write-Output "Office 365 Connection Status: $Office365"
23 }
24 catch {
25     Write-Warning "Error configuring environment"
26     Invoke-HSCExitCommand -ErrorCount $Error.Count
27 }
28
29 Write-Output "Output File: $OutputFile"
30
31 #Begin main part of program
32 Write-Output "Generating list of AzureAD Users"
33 $AzureADUsers = Get-AzureADUser -All $true
34
35 foreach ($AzureADUser in $AzureADUsers)
36 {
37     Write-Output $("Current User: " + $AzureADUser.UserPrincipalName)
38
39     $ProxyAddresses = $AzureADUser.ProxyAddresses | Where-Object {$_. -match "^smtp"}
40     Write-Output "ProxyAddresses:"
41     Write-Output $ProxyAddresses
42
43     $Licensed = $false
44     $LicenseCount = ($AzureADUser.AssignedLicenses | Measure-Object).Count
45     if ($LicenseCount -gt 0) {
46         $Licensed=$true
47     }
48
49     $AzureADUser |
50     Select-Object UserPrincipalName,
51         mail,
52         @{name="ProxyAddresses";expression={$ProxyAddresses -join ";"}},
53         @{name="UserLicensed";expression={$Licensed}} |
54     Export-Csv $OutputFile -NoTypeInformation -Append
55
56     Write-Output "*****"
57 }
58
59 Invoke-HSCExitCommand -ErrorCount $Error.Count
```