

```
1 #Set-PasswordRequired.ps1
2 #Written by: Jeff Brusoe
3 #Last Updated: March 6, 2020
4 #
5 #This file sets all AD user accounts to require a password
6
7 [CmdletBinding()]
8 param (
9     [switch]$LogOnly
10 )
11
12 #Environment Configuration
13 $Error.Clear()
14 Clear-Host
15 $Host.UI.RawUI.WindowTitle = "Set-PasswordRequired.ps1"
16 Set-StrictMode -Version Latest
17 Set-Location $PSScriptRoot
18
19 Import-Module ActiveDirectory
20
21 if ($Error.Count -gt 0)
22 {
23     Write-Warning "Program is exiting due to error."
24     return
25 }
26
27 #Session Transcript
28 Write-Output "Starting session transcript..."
29 $TranscriptLogFile = "$PSScriptRoot\Logs\" + (Get-Date -Format yyyy-MM-dd-HH-mm) +
30 "-SetPasswordRequired-SessionTranscript.txt"
31 Start-Transcript $TranscriptLogFile
32
33 #This array just prevents cosmetic errors from showing in the output
34 $ExclusionArray = "WVUH$", "UHC$", "CHI$", "WVU-AD$", "WVUHS$"
35
36 try
37 {
38     #Generate AD user list. Select users not in the exclusion array
39     Write-Output "Generating list of AD users"
40     $ADUsers = Get-ADUser -Filter {PasswordNotRequired -eq $true} -Properties
41 PasswordNotRequired -ErrorAction Stop | where {$ExclusionArray -notcontains
42 $_.SamAccountName}
43     Write-Output "Successfully generated list of AD users"
44 }
45 catch
46 {
47     Write-Warning "There was an error generating the list of AD users"
48     return
49 }
50
51 if (($ADUsers | Measure).Count -eq 0)
52 {
53     Write-Output "All users have password required set"
54 }
55 else
56 {
57     foreach ($ADUser in $ADUsers)
58     {
59         Write-Output $("Current user: " + $ADUser.SamAccountName)
60         Write-Output $("Password Not Required: " + $ADUser.PasswordNotRequired)
```

```
58
59     try
60     {
61         $ADUser | Set-ADUser -PasswordNotRequired $false -ErrorAction Stop
62     }
63     catch
64     {
65         Write-Warning "There was an error setting the password not required field"
66     }
67
68     Write-Output "*****"
69
70 }
71 }
72
73 Stop-Transcript
74
75 Exit
```