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1 #Enable-AccountAfterPasswordReset.ps1
2 #Written by: Jeff Brusoe
3 #Last Updated: January 4, 2021
4 #
5 #This file enables an AD account after a password reset.
6
7 [CmdletBinding()]
8 param (
9     [ValidateNotNullOrEmpty()]
10     [int]$Minutes = 60,
11
12     [ValidateNotNullOrEmpty()]
13     [string]$LogsToSaveDirectory = "$PSScriptRoot\LogToSave\",
14
15     [switch]$Testing
16 )
17
18
19 try {
20     $SessionTranscriptFile = Set-HSCEnvironment -ErrorAction Stop
21 }
22 catch {
23     Write-Warning "Unable to configure environment. Program is exiting"
24     Invoke-HSCExitCommand -ErrorCount $Error.Count
25 }
26
27 try
28 {
29     $ADUsers = Get-ADUser -Filter * -Properties PasswordLastSet -ErrorAction Stop |
30     Where-Object {$_.PasswordLastSet -gt (Get-Date).AddMinutes(-1*$Minutes)}
31 }
32 catch
33 {
34     Write-Warning "There was an error generating the AD user list. Program is
35     exiting."
36     Invoke-HSCExitCommand -ErrorCount $Error.Count
37 }
38
39 foreach ($ADUser in $ADUsers)
40 {
41     Write-Output $("Current user: " + $ADUser.SamAccountName)
42     Write-Output $("PasswordLastSet: " + $ADUser.PasswordLastSet)
43     Write-Output $("Enabled: " + $ADUser.Enabled)
44
45     $NewEnable = $false
46
47     try
48     {
49         if (!$ADUser.Enabled)
50         {
51             Write-Output "Attempting to enable user"
52
53             if (!$Testing) {
54                 $ADUser | Enable-ADAccount -ErrorAction Stop
55             }
56
57             Write-Output "User enabled."
58             $NewEnable = $true
59         }
60     }
61     else {
```

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60     Write-Output "User is already enabled."
61 }
62 }
63 catch {
64     Write-Warning "Unable to enable account"
65
66     if ($Testing) {
67         Write-Warning "Program is exiting due to testing parameter"
68         Invoke-HSCExitCommand -ErrorCount $Error.Count
69     }
70 }
71
72 Write-Output "*****"
73 }
74
75 if ($NewEnable) {
76     #An account has been enabled. Copy session transcript to logs to save directory.
77     try {
78         Copy-Item -Path $SessionTranscriptFile -Destination $LogsToSaveDirectory
79     }
80     catch {
81         Write-Warning "Error moving session transcript to logs to save directory"
82     }
83 }
84 }
85 Invoke-HSCExitCommand -ErrorCount $Error.Count
```