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1 #Remove-ForwardingSMTPAddress.ps1
2 #Written by: Jeff Brusoe
3 #Last Updated: August 12, 2020
4 #
5 #The purpose of this file is to remove the forwarding SMTP address that
6 #may have been set by a user.
7
8 [cmdletbinding()]
9 [Diagnostics.CodeAnalysis.SuppressMessageAttribute("PSAvoidTrailingWhiteSpace", "", Justification = "Not relevant")]
10 [Diagnostics.CodeAnalysis.SuppressMessageAttribute("PSAvoidUsingCmdletAliases", "", Justification = "Only MS Provided Aliases are Used")]
11 param ()
12
13 $Error.Clear()
14
15 Set-HSCEnvironment
16 Connect-HSCExchangeOnline
17
18 $AllowedForwardingAddresses = Import-Csv AllowedForwardingAddresses.csv
19
20 if ($Error.Count -eq 0)
21 {
22     Write-Verbose "No errors. Program processing will now begin."
23 }
24 else
25 {
26     Write-Warning "An error occurred during environment configuration. Program is exiting."
27     Invoke-HSCExitCommand
28 }
29
30 Write-Output "`nGenerating list of mailboxes"
31
32 try {
33     $Mailboxes = Get-EXOMailbox -ResultSize unlimited -ErrorAction Stop | where
34     { $_.ForwardingSMTPAddress -notlike "*@hsc.wvu.edu*" -AND $_.ForwardingSMTPAddress }
35 }
36 catch {
37     Write-Warning "Unable to get list of mailboxes. Program is exiting."
38     Invoke-HSCExitCommand
39 }
40
41 if (($Mailboxes | Measure).Count -gt 0)
42 {
43     Write-Output $("Forwarding Rules Found: " + ($Mailboxes | Measure).Count.toString() + "`n`n")
44
45     foreach ($Mailbox in $Mailboxes)
46     {
47         Write-Output $($Mailbox.PrimarySMTPAddress)
48         Write-Output $($Mailbox.ForwardingSMTPAddress)
49
50         if ($AllowedForwardingAddresses.HSCMailbox -contains $Mailbox.PrimarySMTPAddress)
51         {
52             Write-Output "This forwarding address is being ignored."
53         }
54         else
55         {
56             Write-Output "This forwarding address is being removed."
57             Remove-ForwardingSMTPAddress -Mailbox $Mailbox.PrimarySMTPAddress
58         }
59     }
60 }
```

```
55 Write-Output "Removing forwarding SMTP address"
56 try {
57     $Mailbox | Set-Mailbox -ForwardingSMTPAddress $null
58 }
59 catch {
60     Write-Warning "Error removing forwarding SMTP address"
61 }
62 }
63
64 Write-Output "*****"
65 }
66 }
67 else {
68     Write-Output "No forwarding rules found."
69 }
70
71 Invoke-HSCExitCommand
```