

Disable Inactive users

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.scripting/2006-11/msg00238.html>

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Howdy List,

I have this script modified to disable 30 days inactive users, but the code i copied on technet seems won't work, any help would be appreciated.

Option Explicit

```
Dim objRootDSE, strConfig, objConnection, objCommand, strQuery
Dim objRecordSet, objDC
Dim strDNSDomain, objShell, lngBiasKey, lngBias, k, arrstrDCs()
Dim strDN, dtmDate, objDate, lngDate, objList, strUser
Dim strBase, strFilter, strAttributes, lngHigh, lngLow
Dim strDisplayName, strUserInfo, strkey, colkeys
```

```
'-----
' Use a dictionary object to track latest lastLogon for each user.
'-----
```

```
Set objList = CreateObject("Scripting.Dictionary")
objList.CompareMode = vbTextCompare
```

```
'-----
' Obtain local Time Zone bias from machine registry.
'-----
```

```
Set objShell = CreateObject("Wscript.Shell")
lngBiasKey = objShell.RegRead("HKLM\System\CurrentControlSet\Control\" _
& "TimeZoneInformation\ActiveTimeBias")
If UCase(TypeName(lngBiasKey)) = "LONG" Then
lngBias = lngBiasKey
ElseIf UCase(TypeName(lngBiasKey)) = "VARIANT()" Then
lngBias = 0
For k = 0 To UBound(lngBiasKey)
lngBias = lngBias + (lngBiasKey(k) * 256^k)
```

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Next
End If

```
'-----  
' Determine configuration context and DNS domain from RootDSE object.  
'-----  
  
Set objRootDSE = GetObject("LDAP://RootDSE)  
strConfig = objRootDSE.Get("configurationNamingContext")  
strDNSDomain = objRootDSE.Get("defaultNamingContext")  
  
'-----  
' Use ADO to search Active Directory for ObjectClass nTDSDSA.  
' This will identify all Domain Controllers.  
'-----  
  
Set objCommand = CreateObject("ADODB.Command")  
Set objConnection = CreateObject("ADODB.Connection")  
objConnection.Provider = "ADsDSOObject"  
objConnection.Open "Active Directory Provider"  
objCommand.ActiveConnection = objConnection  
  
strBase = "<LDAP:// & strConfig & ">"  
strFilter = "(objectClass=nTDSDSA)"  
strAttributes = "AdsPath"  
strQuery = strBase & ":" & strFilter & ":" & strAttributes & " subtree"  
  
objCommand.CommandText = strQuery  
objCommand.Properties("Page Size") = 100  
objCommand.Properties("Timeout") = 60  
objCommand.Properties("Cache Results") = False  
  
Set objRecordSet = objCommand.Execute  
  
'-----  
' Enumerate parent objects of class nTDSDSA. Save Domain Controller  
' AdPaths in dynamic array arrstrDCs.  
'-----  
  
k = 0  
Do Until objRecordSet.EOF  
Set objDC =  
GetObject(GetObject(objRecordSet.Fields("AdsPath")).Parent)  
ReDim Preserve arrstrDCs(k)  
arrstrDCs(k) = objDC.DNSHostName  
k = k + 1  
objRecordSet.MoveNext  
Loop
```

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' Retrieve lastLogon attribute for each user on each Domain Controller.

```
For k = 0 To Ubound(arrstrDCs)
strBase = "<LDAP:// & arrstrDCs(k) & "/" & strDNSDomain & ">"
strFilter = "(& (objectCategory=person)(objectClass=user))"

strAttributes = "distinguishedName.lastLogon.displayName"
strQuery = strBase & ":" & strFilter & ":" & strAttributes
& ":subtree"
objCommand.CommandText = strQuery
On Error Resume Next

Set objRecordSet = objCommand.Execute
If Err.Number <> 0 Then
On Error GoTo 0
Wscript.Echo "Domain Controller not available: " & arrstrDCs(k)
Else
On Error GoTo 0
Do Until objRecordSet.EOF
'strDisplayName = objRecordSet.Fields("displayName")
strDN = objRecordSet.Fields("distinguishedName")
lngDate = objRecordSet.Fields("lastLogon")
'strUserInfo = strDN & ", " & strDisplayName
strUserInfo = strDN
On Error Resume Next

Set objDate = lngDate
If Err.Number <> 0 Then
On Error GoTo 0
dtmDate = #1/1/1601#
Else
On Error GoTo 0
lngHigh = objDate.HighPart
lngLow = objDate.LowPart
If lngLow < 0 Then
lngHigh = lngHigh + 1
End If
If (lngHigh = 0) And (lngLow = 0) Then
dtmDate = #1/1/1601#
Else
dtmDate = #1/1/1601# + (((lngHigh * (2 ^ 32))
+ lngLow)/600000000 - lngBias)/1440
End If
End If

If objList.Exists(strUserInfo) Then
If dtmDate > objList(strUserInfo) Then
objList(strUserInfo) = dtmDate
End If
End If
```

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```
Else
objList.Add strUserInfo, dtmDate
End If
objRecordSet.MoveNext
Loop
End If
Next

'-----
' For each user check for 30 day's threshold
' and disable for every user that didn't meet
' the threshold.
' Output latest lastLogon date for each user.
' Set to TRUE to disable account or FALSE to enable account
'-----

Const ADS_UF_ACCOUNTDISABLE = 2

For Each strUser In objList

If Date - objList(strUser) >= 30 Then

Wscript.Echo strUser & " : " & objList(strUserInfo)

'===== Doesn't work from here =====

'Set objUser = GetObject("LDAP://strUser)
'intUAC = objUser.Get("userAccountControl")

'objUser.Put "userAccountControl", intUAC OR ADS_UF_ACCOUNTDISABLE
'objUser.SetInfo

'===== Till here =====
Wscript.Echo strUser

End If

Next

'-----
' Clean up.
'-----
objConnection.Close
```

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Set objRootDSE = Nothing
Set objConnection = Nothing
Set objCommand = Nothing
Set objRecordSet = Nothing
Set objDC = Nothing
Set objDate = Nothing
Set objList = Nothing
Set objShell = Nothing

'-----8<-----'

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