

Re: How can I disable all users in AD while keeping the admin accounts active?

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Source:

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- *From:* "Richard Mueller" <rlmueller-NOSPAM@xxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Tue, 25 Jul 2006 17:31:53 -0500
-

"200mg" <ntalbot77@xxxxxxxx> wrote in message
news:1153855909.575461.180360@xx

okay, the first suggestion does work, however we have our users in several different containers, is there a way to filter them out of the containers with an end result of just one long list of users we can select and disable.

I don't believe that can be done. Perhaps a VBScript program is your best bet. Below is an example. I retrieve all user objects that are not members of Administrators, Domain Admins, or Enterprise Admins. I retrieve the AdsPath for the users so I can bind to each user object. I use the AccountDisabled property method.

Since the same script slightly modified can be used to re-enable the accounts (objUser.AccountDisabled = False), I spit out the names of accounts that are already disabled, since these will end up enabled by mistake. I would test the script by commenting out the lines that disable the accounts (the AccountDisabled and SetInfo statements) and just output the names of the accounts to be disabled. To spit out the names, use either of these statements in the Do While loop.

```
Wscript.Echo objUser.sAMAccountName  
Wscript.Echo objUser.distinguishedName
```

Assuming a lot of output, run the script at a command prompt with the cscript host and redirect the output to a text file you can later browse. For example, if the VBScript program is DisableUsers.vbs, use the command below to redirect all output to the file report.txt:

```
cscript DisableUsers.vbs > report.txt
```

This assumes you are in the directory where DisableUsers.vbs resides. The program follows:

```
=====
```

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Option Explicit

Dim objRootDSE, strDNSDomain, adoCommand, adoConnection
Dim strBase, strFilter, strAttributes, strQuery, adoRecordset
Dim objUser, strAdsPath

' Determine DNS domain name.

Set objRootDSE = GetObject("LDAP://RootDSE")
strDNSDomain = objRootDSE.Get("defaultNamingContext")

' Use ADO to search Active Directory.

Set adoCommand = CreateObject("ADODB.Command")
Set adoConnection = CreateObject("ADODB.Connection")
adoConnection.Provider = "ADsDSOObject"
adoConnection.Open "Active Directory Provider"
adoCommand.ActiveConnection = adoConnection

' Search entire domain.

strBase = "<LDAP:// & strDNSDomain & ">"

' Filter on all user objects that are not members of the groups

' Administrators, Domain Admins, or Enterprise Admins.

' The default locations for these groups are assumed.

strFilter = "(&(objectCategory=person)(objectClass=user)"
& "(!memberOf=cn=Administrators,cn=Builtin," & strDNSDomain & ")"
& "(!memberOf=cn=Domain Admins,cn=Users," & strDNSDomain & ")"
& "(!memberOf=cn=Enterprise Admins,cn=Users," & strDNSDomain & ")")"

' Comma delimited list of attribute values to retrieve.

strAttributes = "AdsPath"

' Construct the LDAP query.

strQuery = strBase & ";" & strFilter & ";" & strAttributes & ";subtree"

' Run the query.

adoCommand.CommandText = strQuery
adoCommand.Properties("Page Size") = 100
adoCommand.Properties("Timeout") = 30
adoCommand.Properties("Cache Results") = False
Set adoRecordset = adoCommand.Execute

' Enumerate the resulting recordset.

Do Until adoRecordset.EOF

' Retrieve values.

strAdsPath = adoRecordset.Fields("AdsPath").Value

' Bind to user object.

Set objUser = GetObject(strAdsPath)

' Check if user already disabled.

If (objUser.AccountDisabled = True) Then

Wscript.Echo objUser.distinguishedName & " already disabled."

Else

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```
' Disable the account.  
objUser.AccountDisabled = True  
' Save changes.  
objUser.SetInfo  
End If  
adoRecordset.MoveNext  
Loop  
adoRecordset.Close  
adoConnection.Close
```

```
' Clean up.  
Set objRootDSE = Nothing  
Set adoCommand = Nothing  
Set adoConnection = Nothing  
Set adoRecordset = Nothing
```

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