

Re: Global modification of user accounts

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2007-03/msg00356

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 - *Date:* Tue, 6 Mar 2007 12:42:03 -0600
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A VBScript program to clear the msNPAllowDialin attribute for all users in the domain is below. This affects all users, including Administrator. If anyone needs to have dialin allowed (or denied), reconfigure them after running this:

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Option Explicit

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

```
Const ADS_PROPERTY_CLEAR = 1
```

```
' 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 & ">"
```

```
' Search for all users with any value for msNPAllowDialin.
strFilter = "(&(objectCategory=person)(objectClass=user)"
& "(msNPAllowDialin=*)"
```

```
' Comma delimited list of attribute values to retrieve.
strAttributes = "distinguishedName"
```

```
' Construct the LDAP query.
strQuery = strBase & ";" & strFilter & ";" & strAttributes & " subtree"
```

```
' Run the query.
```

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```
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.  
strDN = adoRecordset.Fields("distinguishedName").Value  
' Bind to the user object.  
Set objUser = GetObject("LDAP:// & strDN)  
' Clear msNPAllowDialin attribute.  
objUser.PutEx ADS_PROPERTY_CLEAR, "msNPAllowDialin", 0  
' Save change.  
objUser.SetInfo  
Wscript.Echo "msNPAllowDialin cleared for " & objUser.sAMAccountName  
adoRecordset.MoveNext  
Loop  
  
' Clean up.  
adoRecordset.Close  
adoConnection.Close  
  
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