

Re: Creating "Home" dirs via script

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.scripting/2006-02/msg00507.html>

- *From:* fabian <fabian@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
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I have a question. After running this script for a user I noticed that in the permissions for this share that the everyone group has accessed to this share. Is this correct? Shouldn't only the user whose name was give be able to access this share?

Thanks.

"Randy Reimers" wrote:

The script we use is at the bottom – run it, it opens up a box – you enter the user's logon ID, it validates the name you typed in, creates the home share (hidden), sets rights on the share, then pops up a "Done" box. You need to have a security dll loaded – ADsSecurity.dll (not sure where to get it). I am not sure if this was partially copied from other areas – if so, thanks to the original author.

This script can be "wrapped" in another to create MANY home folders at the same time – it took less than 2 minutes to create 300–400 at one time.

Your logon script would map the home drive letter to \\server\logonID\$

Any questions, ask in the group.

Randy Reimers

"Mike M" <nospam@xxxxxxxxxx> wrote in message
news:%23UChC2aKGHA.3144@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Our A–D environment disallows us to create home dirs in the User's Properties part of the GUI. Thus, we need to create them manually.

I looked over at MS's scripting site for a way to mimic this script I wrote to create a user's home dir in the Novell environment called "adduser.bat". Simply type in "adduser jsmith" and the rest is done for you (using the Novell's "rights.exe"):

```
Mkir \\server1\vol\users\%1
```

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```
z:\rights RWCEMF \\Server1\vol1\user\%1
```

Simple and to the point, which is nice.

Is there an equivalent script, or utility buried on a resource kit somewhere that makes it this easy (or almost as easy) in a Windows server?

TIA,
Mike

```
strUserName = InputBox ("Please Type the Username for this Share",  
"UserName") 'Get UserName  
strComputer = "FPS01" 'Change This Line to Match Specific Server  
strServerVolume = "D:\Users" 'Change This Line to Match Specific Server  
(ex. D:\)  
strNetworkVolume = Replace(strServerVolume,":","$")  
strAccountDomain = "dc=corp,dc=inet" 'Change this to your doamin  
strPermissionLevel = "M"
```

' The following variables are built based on the information above.

```
strServerHomePath = strServerVolume  
strNetworkHomePath = "\\\" & strComputer & "\" & strNetworkVolume  
strServerSharePath = strServerHomePath & "\" & strUserName  
strNetworkSharePath = strNetworkHomePath & "\" & strUserName  
strShareName = strUserName & "$"  
Const FILE_SHARE = 0  
Public Const ADS_ACETYPE_ACCESS_ALLOWED = 0
```

```
Set objWMIService = GetObject("winmgmts:{impersonationLevel=impersonate}!\\"  
& strComputer & "\root\cimv2")  
Set objNewShare = objWMIService.Get("Win32_Share")  
Set objFSO = CreateObject("Scripting.FileSystemObject")
```

```
QueryForUser strUserName, strAccountDomain
```

```
doesFolderExist = objFSO.folderExists(strNetworkSharePath)
```

```
If doesFolderExist = 0 then 'If Folder does not exist, create it via  
Network
```

```
'Wscript.Echo strSharePath  
set objFolder = objFSO.CreateFolder(strNetworkSharePath)  
'Wscript.Echo objFolder  
End If
```

```
doesFolderExist = objFSO.folderExists(strNetworkSharePath) 'Does the  
folder exist?
```

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```
If doesFolderExist = -1 then 'If folder does exist, then create the share
errReturn = objNewShare.Create(strServerSharePath, strShareName,
FILE_SHARE)
End If
```

```
If errReturn = "0" then Wscript.Echo "The operation completed successfully."
If errReturn = "2" then Wscript.Echo "The operation could not be completed
because access was denied."
If errReturn = "8" then Wscript.Echo "The operation could not be completed
because of an unknown problem."
If errReturn = "9" then Wscript.Echo "The operation could not be completed
because an invalid name was specified."
If errReturn = "10" then Wscript.Echo "The operation could not be completed
because an invalid level was specified."
If errReturn = "21" then Wscript.Echo "The operation could not be completed
because an invalid parameter was specified."
If errReturn = "22" then Wscript.Echo "The operation could not be completed
because a share by this name already exists."
If errReturn = "23" then Wscript.Echo "The operation could not be completed
because this is a redirected path."
If errReturn = "24" then Wscript.Echo "The operation could not be completed
because the specified folder could not be found."
If errReturn = "25" then Wscript.Echo "The operation could not be completed
because the specified server could not be found."
```

' Need to remove new Folder if created if Folder already shared.

```
SetNTFSPermissions strUserName, strPermissionLevel, strNetworkSharePath,
strComputer
```

```
Sub QueryForUser(samAccountName,searchOU)
```

```
strAcctName = samAccountName
strOU = searchOU
```

```
strLDAPquery = "<LDAP:// & strOU & ">:(&(objectCategory=User))"
Wscript.echo strOU
```

```
Set objConnection = CreateObject("ADODB.Connection")
objConnection.Open "Provider=ADsDSOObject;"
```

```
Set objCommand = CreateObject("ADODB.Command")
objCommand.ActiveConnection = objConnection
```

```
objCommand.CommandText = strLDAPquery &
"(samAccountName=" & strAcctName & ")";samAccountName:subtree"
```

```
Set objRecordSet = objCommand.Execute
```

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```
If objRecordset.RecordCount = 0 Then  
WScript.Echo strAcctName & " does not exist!"  
Wscript.Quit  
Else  
existsUserAccount = 1  
End If  
  
objConnection.Close  
  
End Sub  
  
' Set NTFS Permissions  
Sub SetNTFSPermissions(strGroupName, strAccessLevel, strPermFolder,  
strComputer)  
  
If strAccessLevel = "R" then newAccessLevel = 1179817  
If strAccessLevel = "M" then newAccessLevel = 1245631  
If strAccessLevel = "F" then newAccessLevel = 2032127  
newFlagLevel = 3 ' Do not inherit permissions from parent folder  
  
Set sec = CreateObject("ADsSecurity")  
Set sd = sec.GetSecurityDescriptor("file://" & strPermFolder)  
Set dacl = sd.DiscretionaryAcl  
Set ace = CreateObject("AccessControlEntry")  
  
For Each ace in dacl  
ace.AceFlags = newFlagLevel  
If ace.Trustee = "BUILTIN\Users" then  
dacl.RemoveAce (ace)  
End If  
Next  
  
Set ace = CreateObject("AccessControlEntry")  
  
ace.Trustee = strGroupName  
ace.AccessMask = newAccessLevel  
ace.AceType = ADS_ACETYPE_ACCESS_ALLOWED  
ace.AceFlags = newFlagLevel  
  
dacl.AddAce ace  
sd.DiscretionaryAcl = dacl  
sec.SetSecurityDescriptor sd  
  
End Sub
```