

Re: Looking for way to enumerate members of local administrators group

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Mark wrote:

Hi, I have a difficult WMI/VBScript question.

My goal is to list the membership of the local Administrators group on a series of servers. Normally this would be easy and I could use the code:

```
Set objGroup = GetObject("WinNT://" & ComputerName &
"/Administrators,group")
For Each objUser in objGroup.Members
Wscript.Echo objUser.Name
Next
```

under normal circumstances... my problem is that my id doesn't have permission and I need to authenticate the call, that is I have a list of servers and domain id's that have permissions to make the call.

For all other WMI calls (like win32_Disk), I would use an authenticated call:

```
Set objSWbemLocator = CreateObject("WbemScripting.SWbemLocator")
Set WmiObjSet = objSWbemLocator.ConnectServer(strComputer, _
"root\CIMV2", _
strCredentials, _
strPassword)
```

But the "WinNT:" GetObject call does not seem to support a set of credentials. So I am looking for a way to solve this. I think I am looking at two possibilities:

- 1 – find a syntax that permits the "WinNT://" GetObject call to use credentials
- 2 – use similar WIN32 WMI calls to achieve the same thing. I know that WMI_UserAccount, WMI_Group, WMI_GroupUser, WMI_GroupInDomain exist and I can see a list of id's and a list of groups using them but I can't make out how to connect the two.

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You can use the OpenDSObject method with the WinNT provider. For example:

=====

```
Const ADS_SECURE_AUTHENTICATION = &H1
```

```
Const ADS_USE_ENCRYPTION = &H2
```

```
strUserName = "JSmith"
```

```
strPassword = "xzy312q"
```

```
strComputer = "TestComputer"
```

```
Set objNS = GetObject("WinNT:")
```

```
Set objGroup = objNS.OpenDSObject("WintNT://" & strComputer _  
& "/Administrators,group", _
```

```
strUserName, strPassword, ADS_SECURE_AUTHENTICATION Or  
ADS_USE_ENCRYPTION)
```

```
For Each objMember In objGroup.Members
```

```
Wscript.Echo objMember.Name
```

```
Next
```

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