

Re: User Access Denied With DHCP Admin. Group?

Source:

http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2006-01/msg00842

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 - *Date:* Mon, 16 Jan 2006 16:25:46 -0000
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The following is cut and pasted from this article:

-- <http://www.msresource.net/content/view/43/47/>

Delegating the appropriate permissions

There are two main ways of delegating control in Active Directory – using the delegation of control wizard or by setting the necessary atomic permissions on the object or parent object.

In order to authorise a DHCP server in Active Directory, the user in question must have, as a minimum, the following permissions on the CN=NetServices,CN=Services,CN=Configuration,DC=domain-name,DC=com container object:

Create dHCPClass objects

In order to be able to unauthorise, the following permission is also required:

Delete dHCPClass objects

This poses a minor problem however, as the dHCPClass object isn't visible through the Delegation of Control Wizard or the Sites and Services advanced permissions editor. The only way to see this object through the GUI is to use ADSIEdit.

Delegate the ability to authorise DHCP servers to a non-enterprise administrator using the delegation of control wizard

- a.. Load Active Directory Sites and Services (DSSITE.MSC)
- b.. Select View Services from the View drop-down menu (this is a context-sensitive menu, therefore you must have selected the Active Directory Sites and Services [root] object)
- c.. Expand the System container, and then select the NetServices

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container.

- d.. Right-click on NetServices and choose Delegate Control... from the Action menu
- e.. In the delegation of control wizard select next, and then select Add on the Users and groups page
- f.. In the resultant window (the object picker) type the name or names of the groups that you wish to delegate this ability to into the Enter the object names to select box and then choose OK. To select multiple names at once, separate objects with a semi-colon.
- g.. Select Next, and then Create a custom task to delegate on the Tasks to Delegate page.
- h.. Click This folder, existing objects in this folder and creation of new objects in this folder underneath Delegate control of in the Active Directory Object Type Window and then click Next.
- i.. Select the Full Control checkbox underneath Permissions on the Permissions page. This enables the selected object in question to be able to add, modify or delete new objects of the DHCP class type in the NetServices folder.

Note. This is quite an open way of doing this as the minimum permissions required at create and delete dHCPClass objects. However, as explained earlier, the only [graphical] interface that can see these permissions is ADSIEdit –therefore the delegation wizard has to give more open permissions.

Delegate the ability to authorise DHCP servers to a non-enterprise administrator by manually setting the atomic permissions of the dHCPObjct class.

Instead of using the Delegation of Control wizard, you can manually configure the appropriate permissions by selecting the individual atomic permissions necessary to achieve the task. You do this through the advanced permissions editor.

As mentioned earlier in this section, you must use ADSIEdit to be able to grant the minimum required permissions. If you wish to use the Sites and Services snap-in instead, then you will have to be more relaxed in the permissions you grant –as in the example of using the Delegation of Control wizard.

- a.. Load ADSIEdit by typing ADSIEDIT.MSC at the run command
- b.. Expand the following: Configuration;
CN=Configuration,DC=domain-name,DC=com; CN=Services, CN=NetServices
- c.. Right-click on CN=NetServices and choose Properties, and then the Security tab
Click Advanced, and the Add...
- d.. Add the desired group to the Object Picker and choose OK
- e.. In the resultant Window scroll down and check the Allow tick-box against the Permissions Create dHCPClass Objects and Delete dHCPClass Objects
- f.. In the Apply onto drop-down list, select This object only

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g.. Click OK, then OK and then OK again.

You should use the last part – only allow the creation of dHCPClass objects.

So, pull up the security tab on:

CN=NetServices , CN=Services, CN=Configuration, DC=domain–name, DC=com

And then click advanced and change the permissions from full control to create dHCPClass objects only. You'll also need delete if you want to un–authorise.

You will need to do this as EA, or another user with the necessary permissions.

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• *Follow–Ups:*

- ◆ ***Re: User Access Denied With DHCP Admin. Group?***
◇ *From: Al–Tae*

• *References:*

- ◆ ***User Access Denied With DHCP Admin. Group?***
◇ *From: Al–Tae*
- ◆ ***Re: User Access Denied With DHCP Admin. Group?***
◇ *From: Jorge de Almeida Pinto*
- ◆ ***Re: User Access Denied With DHCP Admin. Group?***
◇ *From: Al–Tae*
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