

Re: dhcp clients & new dhcp server

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.networking/2004-09/0735.html>

From: Rob Elder MVP-Networking (*relder_at_thisisnotright.com*)

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Steve's reply is the best solution.

To answer you second question, DHCP requests are made by a discover broadcast. You don't configure them to point to a specific server. As long as the new DHCP server is on the same subnet, your clients won't have a problem getting a new IP address.

"Espowari" <Espowari@discussions.microsoft.com> wrote in message news:B5AB3A7B-4125-42F7-837E-A3A0DC346672@microsoft.com...

> *Thanks Steve.*

>

> *One further question: I am unsure if we'll be changing the IP address of the*

> *new DHCP server to match the NT4 machine that we're bringing down. While that*

> *would be ideal for the clients to hit the same machine, if it is a different*

> *IP, DHCP requests will go out to a non-existent address, get no reply, and*

> *then broadcast for a DHCP ack - the new server will then complete the DORA*

> *process and clients will be properly addressed.*

>

> *This isn't really a question I know, but just wanted to bounce this idea off*

> *you.*

>

> *Thanks,*

>

> *E*

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> *"Steve Bruce, mct" wrote:*

>

>> *The default lease is for 7 or 8 days. Reduce the lease interval to 1 hour*

>> *on the NT4 DHCP server, one week in advance of shutting it down. By the*

>> *time you take the NT4 server off-line they clients will be renewing*

>> *every 1*

>> *hour and will make the transition to the new DHCP server within an hour*

of

> > *shutting down the old.*

> >

> >

> > *"Espowari" <Espowari@discussions.microsoft.com> wrote in message*

> > *news:66B4073C-A7E9-4534-981A-B8C91CBA2EA3@microsoft.com...*

> > > *We're moving our dhcp service off of an NT4 box, onto a 2k or 2k3 server.*

> > > *I understand how to migrate the data, but have a question about the client*

> > > *side of the house.*

> > > *How will our 2K and XP dhcp clients weather the storm? One suggestion was*

> > > *to*

> > > *turn off all the client PCs, migrate the server and then turn the clients*

> > > *back on.*

> > > *This seems a little excessive, as there are over 700 machines in our*

> > > *office.*

> > > *It seems to me that clients will have their address and when they send out*

> > > *the dhcp request, they will be granted the same IP. DHCP is smart enough*

> > > *to*

> > > *understand what IP's are already in use and this is a non issue.*

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> > > *Thoughts and suggestions appreciated*

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