

Re: DHCP-DNS

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<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.dns/2006-05/msg00431.html>

- *From:* "Haim Beyhan" <haimb@xxxxxxxxxx>
 - *Date:* Sun, 28 May 2006 11:41:54 +0300
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Thank you for your reply.

So this way the dhcp will manage all the dns registration and deletion. Although there is a lease time, the clients will be able to release the dhcp lease with the "002 Release DHCP lease on shutdown". Am I correct ?

I have a test lab of Windows 2K3 R2 dc, windows 2K server (dhcp client) and Windows XP Pro (dhcp client). I did all you said and the dhcp registered the records on the dns for both clients. The lease time was 5 min. for test.

When I shut down Windows 2K server, it did not release the dhcp lease. I thought it should do so according to dhcp server options. Then after 5 min, the leased ip was with an "i" on the the computer and still the dns had that ip registered. I read somewhere that dhcp keeps that ip up to 4 hours. Is it correct? Does this mean if I had a 3rd. machine the lease would be different ip ?

The user account that you mentioned in DHCP, Advanced tab in Credentials, does it have to be powerful user (special group) or a regular user ?

Thanks,

Haim

"Kevin D. Goodknecht Sr. [MVP]" <admin@xxxxxxxxxxxxxxxx> wrote in message news:uPIIsKcgGHA.4196@xxxxxxxxxxxxxxxxxxxxxxxxxxxx

Haim Beyhan wrote:

Ok. How can I configure only the DHCP server register the ip's on dns and not the machines to register themselves except servers which have static ip's ?

Clear the check boxes "register this connection's addresses in DNS" on all clients.

In the DHCP server properties sheet (DNS tab) check these boxes:

"Enable DNS updates..."

"Always dynamically update..."

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"Discard A and PTR records..."

"Dynamically update... .DHCP clients that do not request update..."

Select the Advanced tab, click the Credentials button, enter the username and password of a dedicated user account with a non-expiring password.

Manually delete all PTR records in the zone. (So the DHCP server can take ownership)

Select server options, Advanced tab, select Microsoft options from the drop down list, place a check by 002 Release DHCP lease on shutdown.(0x1)

You will still have some records left by clients that are not gracefully shutdown and laptops that are disconnected without releasing the lease, but when the lease expires, DHCP will remove the registration since it now owns the record.

Best regards,
Kevin D. Goodknecht Sr. [MVP]
Hope This Helps

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