

Re: Dynamic DNS Updates via DHCP Only

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.dns/2007-05/msg00054.html>

- *From:* "Kevin D. Goodknecht Sr. [MVP]" <admin@xxxxxxxxxxxxxxxx>
 - *Date:* Fri, 4 May 2007 13:56:39 -0500
-

Read inline please.

In news:044CFEEB-4CA8-4BAC-BBD0-AA874B2610A3@xxxxxxxxxxxxxx,
DmitryK <DmitryK@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx> typed:

Recently I came across with a problem in configuration of DHCP server as a proxy for DNS updates.

I need to force all DHCP clients to use DHCP server for dynamic DNS updates. These clients include Windows XP laptops (most of them). I configured DHCP pool to ALWAYS make updates at DNS for its clients and disabled dynamic DNS registration on the clients. Nothing happened. No updates initiated by DHCP server on behalf of its clients. No records in DHCP debug log that could point to attempts to make updates at the DNS. No records in the DNS log that connected to DHCP server. Looks like this service just does not work. What could be a source of this problem?

Let get an overview of the DHCP server, in the DHCP console, right click on the server name, choose properties, on the:

DNS tab, select these options:

Enable DNS dynamic updates according to the settings below:

Always dynamically update DNS A and PTR records

Discard A and PTR records when lease expires.

Dynamically update DNS A and PTR records for DHCP clients that do not request updates

Advanced tab: Click the "Credentials" button, and enter the credentials, for a dedicated domain user account, with a non-expiring password. This account needs no special privileges, it will be used by the DHCP server(s) as owner of records, and all DHCP servers must use the same account.

These options:

015 DNS Domain Name

002 Microsoft Windows 2000 Release DHCP lease on shutdown. (0x1)

I also recommend reducing lease time to 1 day.

Re: Dynamic DNS Updates via DHCP Only

Keep in mind, the DHCP server uses the DNS servers listed in TCP/IP Properties of you Network Interface Connections for DNS updates, it does not use the DNS servers listed in the scope options for DNS updates. You may also have to manually delete all current DHCP client A and PTR records in DNS, so the user account can take ownership, and clear the "Register this connections addresses in DNS" on the client TCP/IP properties.

—
Best regards,
Kevin D. Goodknecht Sr. [MVP]
Hope This Helps
Send IM: <http://www.icq.com/people/webmsg.php?to=296095728>

=====
When responding to posts, please "Reply to Group" via your newsreader so that others may learn and benefit from your issue, to respond directly to me remove the nospam. from my email address.

=====
<http://www.lonestaramerica.com/>
<http://support.wftx.us/>
<http://message.wftx.us/>

=====
Use Outlook Express?... Get OE_Quotefix:
It will strip signature out and more
<http://home.in.tum.de/~jain/software/oe-quotefix/>

=====
Keep a back up of your OE settings and folders with OEBackup:
<http://www.oehelp.com/OEBackup/Default.aspx>
=====

.