

Re: DHCP issues

Source:

http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.help_and_support/2008-04/msg01476.htm

- *From:* teamgig <teamgig@xxxxxxxx>
 - *Date:* Mon, 14 Apr 2008 12:27:07 -0700 (PDT)
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On Apr 14, 9:17 am, nass <n...@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote:

"teamgig" wrote:

Greetings,

A couple of days ago, I started experiencing intermittent internet connectivity on all of the computers in my home. Symptoms include having to try multiple times to get to a web page, or periods of several minutes with no connectivity at all, and drops of the VPN into my work network.

I have power-cycled all of the equipment -- cable modem, routers, computers -- several times. The ISP reports no issues or problems on their end. In Event Viewer on all the PC's, there are many DHCPNACK errors of the type shown below. On one computer, for example, I have 67 of these in the last 24 hours. These started occurring right when the symptoms began (6:15 AM on Saturday), and the previous such event was logged more than three months prior.

The IP address lease 192.168.1.102 for the Network Card with network address 001D60720A5F has been denied by the DHCP server 192.168.1.1 (The DHCP Server sent a DHCPNACK message).

I'm not sure why the router would suddenly start sending these. Any suggestions on how to diagnose or proceed would be appreciated.

Did you update the Router firmware recently?.

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Log into the router UI (user interface) and make sure the router/DHCP is configured to issue automatic IP addresses to all machines connected to it and see if you configured the DHCP to issue a renewal of IP to machines after such a period of time.

From the error the router/DHCP issued a release command and for some reason it is logging the error/warning in the log as the machines didn't respond in a timely fashion.

Does your VPN/DHCP server force you to renew the IP address after a certain time?

Flush DNS on all machines then issue the command renew or release and reboot all machines and monitor their progress.

BTW do you use a small MS business server or any server of that matter?!

Also best if you post your question

here: <http://www.microsoft.com/communities/newsgroups/en-us/default.aspx?dg...>

HTH.

nass

--- <http://www.nasstec.co.uk>

The router firmware is on the latest revision, but I went to that six months ago. Everything has been running fine until 2 days ago. No server in the network. The client refresh time in the router is set to 0, which means one day.

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