

nslookup times out on some WinXP clients

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To: "'General Red Hat Linux discussion list'" <redhat-list@redhat.com>

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Hello,

Basically, nslookup times out on some Windows machines, but not on others. we have our own linux-based DNS server that i just built. more info here...

First of all, the info:

we currently have a Windows 2000 Server DNS & DHCP Server serving IP Addresses between .175 and .199 and serving DNS records for our entire network (192.168.3.).

All our client machines use static IPs, apart from a few laptops and visitors. Also, all our client machines are running RedHat 8.0 (apart from the laptops and a couple of desktop which are on WinXP).

We are trying to migrate to a linux backend instead of a Windows one, and i have therefore created a DNS Server and DHCP Server on a new linux box i've built.

I have left the Windows DNS Server running for the moment, but have disabled the Windows DHCP Server.

Now for the problem:

All the linux machines are on static IPs anyway, so DHCP isn't an issue here. nslookup works perfectly on all these machines as well, so DNS isn't an issue under linux either.

The problem arises when i look at the Windows machines.

I took a sample of 5 machines – 3 on static IPs, and 2 on DHCP. I rebooted the 2 DHCP machines just to ensure they were on the new DHCP server, and i confirmed this by running "ipconfig /all" on them. I also changed the DNS Servers on the static IP machines to point at the new Linux one.

I then ran "nslookup" on all 5 machines, in a Command Prompt.

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Into each nslookup window, i typed "stg2" (the name of the new linux DNS/DHCP/Apache/NIS Server).

On 2 of the static IP machines, it worked fine. On the other static IP machine, and both the DHCP machines, it produced the following error:

```
Server: stg2.crl.toshiba.co.uk
Address: 192.168.3.2
```

```
DNS request timed out.
  timeout was 2 seconds.
*** Request to stg2.crl.toshiba.co.uk timed-out
```

does anyone know why this is happening on some Windows clients, and not others?

i've found lots of info on the web about a similar thing, which involves changing the settings on the "Windows 2003 DNS or DHCP Server", but we have a linux server, so this isn't relevant.

any ideas??

thanks in advance to anyone who can help! :D

Hobbs.

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