

Re: Phantom DNS server

Source: <http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.dns/2004-09/0046.html>

From: Ace Fekay [MVP] (*PleaseSubstituteMyActualFirstNamehotmail.com*)

Date: 09/01/04

Date: Wed, 1 Sep 2004 18:33:36 -0400

In news:4df8d57a.0409010322.54ea37fb@posting.google.com,
Dilan Weerasinghe <dilanw77@hotmail.com> made a post then I commented below
> "Kevin D. Goodknecht Sr. [MVP]" <admin@nospam.WFTX.US> wrote in
> message news:<#1uHXD2jEHA.1764@TK2MSFTNGP10.phx.gbl>... <snip>
>>> Ace,
>>>
>>> To clarify;
>>>
>>> Our network is configured as following –
>>>
>>> DHCP server: 192.168.1.1
>>> DNS Servers: 192.168.1.1/ 192.168.1.2
>>>
>>> (All above addresses are static)
>>>
>>> All workstations are set to DHCP, and I've checked the
>>> scope options
>>> on the DHCP server itself as regards DNS, and it points
>>> to the correct
>>> addresses.
>>>
>>> Our router is on a completely different address.
>>>
>>> The problem is that, randomly, users seem to lose their
>>> internet
>>> connection. As I mentioned before, the actual
>>> connectivity is there
>>> but the fault lies with name resolution as we can ping
>>> externally/internally by IP address but not by name.
>>> Checking the
>>> IPCONFIG shows that the faulty machines are picking up
>>> 192.168.1.10 as
>>> their DNS server, although all other settings are correct.
>>> Rebooting the machines solves the problem until it
>>> happens again.
>>> I understand that we could set the workstations to
>>> statically point at
>>> the correct DNS servers, however this is a workaround,

>>> *not a solution*
>>> *and I'd like to find out what's causing this.*
>>> *The faulty machines always pick up x.10 as the DNS server.*
>>> *x.10 itself is excluded from our DHCP range for*
>>> *distribution, and is*
>>> *also not currently being used, so I have no idea why they*
>>> *are picking*
>>> *this address up as a DNS server.*
>>>
>>> *Many thanks for your help*
>>> *Dilan*
>>
>> *On the ipconfig for the machines with the bogus DNS address, what IP*
>> *do they show for the DHCP server?*
>>
>> --
>> *Best regards,*
>> *Kevin D4 Dad Goodknecht Sr. [MVP]*
>> *Hope This Helps*
>> =====
>> --
>> *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/>
>> =====
>> *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>
>> =====
>
> *Kevin,*
>
> *They show the correct DHCP server (192.168.1.1). Would it have been*
> *different, I would have assumed we had some sort of rogue DHCP machine*
> *on the network giving out wrong DNS server info, but in all cases the*
> *faulty machines are using the correct DHCP server.*
>
> *Thanks*
> *Dilan*

One question, are you using a DHCP Relay agent ?

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Regards ,

microsoft.public.win2000.dns: Re: Phantom DNS server

Ace

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Ace Fekay, MCSE 2003 & 2000, MCSA 2003 & 2000, MCSE+I, MCT, MVP
Microsoft Windows MVP - Windows Server - Directory Services

Security Is Like An Onion, It Has Layers

HAM AND EGGS: A day's work for a chicken;

A lifetime commitment for a pig.

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