

## Re: DNS Server sending packet to it self

**Source:** <http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.dns/2004-04/0966.html>

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**From:** Kevin D. Goodknecht [MVP] (*admin\_at\_nospam.WFTX.US*)

**Date:** 04/24/04

Date: Sat, 24 Apr 2004 15:38:59 -0500

In news:Xns94D5C994FFC4Fsteven45ntlworldcom@62.253.162.202,  
Steven Jones <steven45@ntlworld.com> posted a question

Then Kevin replied below:

- > *My apologies,*
- >
- > *I use Office 2003 and unlike Office XP it does not have Photo Editor*
- > *so i can't use Paint to save a JPEG.*
- >
- > *My setup i have 2 servers running AD and one has DHCP and DNS on it.*
- > *i tried to create a 2nd DNS Server and that did not work well so i*
- > *removed it and for some reason that killed DNS on the existing server.*
- > *upon recreating the AD Integrated zone it appeared to function again*
- > *but those errors are there.*
- >
- > *IP Config from a workstation*
- > *Windows 2000 IP Configuration*
- > *Host Name . . . . . : steven1*
- > *Primary DNS Suffix . . . . . : nthome.local*
- > *Node Type . . . . . : Broadcast*
- > *IP Routing Enabled. . . . . : No*
- > *WINS Proxy Enabled. . . . . : No*
- > *DNS Suffix Search List. . . . . : nthome.local*
- >
- > *Ethernet adapter Local Area Connection:*
- > *Connection-specific DNS Suffix . : nthome.local*
- > *DHCP Enabled. . . . . : Yes*
- > *Autoconfiguration Enabled . . . . : Yes*
- > *IP Address. . . . . : 172.16.1.1*
- > *Subnet Mask . . . . . : 255.255.0.0*
- > *Default Gateway . . . . . :*
- > *DHCP Server . . . . . : 172.16.0.1*
- > *DNS Servers . . . . . : 172.16.0.1*
- >
- > *IPConfig from a server*
- > *Windows 2000 IP Configuration*
- > *Host Name . . . . . : server1*
- > *Primary DNS Suffix . . . . . : nthome.local*
- > *Node Type . . . . . : Broadcast*

microsoft.public.win2000.dns: Re: DNS Server sending packet to it self

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> IP Routing Enabled. . . . . : No
> WINS Proxy Enabled. . . . . : No
> DNS Suffix Search List. . . . . : nthome.local
>
> Ethernet adapter Local Area Connection:
> Connection-specific DNS Suffix. :
>
> DHCP Enabled. . . . . : No
> IP Address. . . . . : 172.16.0.1
> Subnet Mask . . . . . : 255.255.0.0
> Default Gateway . . . . . :
> DNS Servers . . . . . : 172.16.0.1
>
> there is a network layout on my website as well.
>
> thanks
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7062 errors can be caused by any of several configuration problems, and it is most likely configuration.

1 Forwarding to itself. Check the Forwarders list on both and make sure it is not forwarding to itself. It should not forward to your other DNS server, UNLESS this one is a child and the other is its parent, even then never forward a parent DNS to the child DNS. The child's name would be resolved by using a delegation for the child name on the parent. Another serious mis-configuration is when you forward two DNS servers to each other, this sets up a DNS loop that can cause the DNS server to max out the CPU and cause the service to fail.

2 Delegating a child name to itself unless it holds the child zone.

3 Sending a zone transfer to itself or notifying itself of a zone transfer. This can also be caused if you have selected allow zone transfers or Notify to the name servers on the Nameserver tab. Incidentally, if both of the servers are domain controllers and they are in the same domain, I would suggest you use Active Directory Integrated zones which will replicate the zone to both DNS servers through AD, then you should disable zone transfers altogether.

The nslookup message is simply a message that says nslookup can't find the PTR record for the IP of the DNS server it is using. Hence, "Can't find server \_name\_ for address 172.16.0.1"

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Best regards,
Kevin D4 Dad Goodknecht Sr. [MVP]
Hope This Helps
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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.
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http://www.lonestaramerica.com/
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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
=====
```