

Re: DNS event ID:4015 and 4004

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.dns/2004-04/0552.html>

From: Kevin D. Goodknecht [MVP] (*admin_at_nospam.WFTX.US*)

Date: 04/24/04

Date: Sat, 24 Apr 2004 01:04:44 -0500

In news:389d01c429ad\$8c37e190\$a401280a@phx.gbl,
anonymous@discussions.microsoft.com <anonymous@discussions.microsoft.com>
posted a question

Then Kevin replied below:

>> *To help you with this make sure you are NOT using Internet Connection*
>> *Sharing on this DC, and that you have only your DCs local address*
>> *for DNS.*

>>

>> *Post an ipconfig /all with the name of your AD domain.*

>>

>> --

>> *Best regards,*

>> *Kevin D4 Dad Goodknecht Sr. [MVP]*

>> *Hope This Helps*

>> =====

>

>

> *Here is an ipconfig /all*

>

> *Windows IP Configuration*

>

> *Host Name : OSKELLY-SBS*

> *Primary Dns Suffix : theoskellyco.local*

> *Node Type : Unknown*

> *IP Routing Enabled. : No*

> *WINS Proxy Enabled. : Yes*

> *DNS Suffix Search List. : theoskellyco.local*

>

> *Ethernet adapter Server Local Area Connection:*

>

> *Connection-specific DNS Suffix . :*

> *Description : Intel(R) PRO/1000*

> *MT Network Connection*

> *Physical Address. : 00-C0-9F-37-71-E8*

> *DHCP Enabled. : No*

> *IP Address. : 10.0.3.130*

> *Subnet Mask : 255.255.255.192*

> *Default Gateway : 10.0.3.131*
> *DNS Servers : 10.0.3.130*
> *Primary WINS Server : 10.0.3.130*
>
> *How can I check if ICS is installed?*
>
> *Jon*

I think the problem with the reverse lookup zone and the 4004s is the zone is invalid with this netmask.

Your reverse lookup zone is 3.0.10.in-addr.arpa. That, combined with your netmask which means the Netblock is a 10.0.3.0/26 network. You have 62 available IPs in the block so this machines IP 10.0.3.130 is out of the Netblock. Change the IP to 10.0.3.62 and see if the 4004s go away and the Reverse lookup zone comes to life. You can also change the Netmask to 255.255.255.0. If you are locked into this Netmask then you will have to use a subnetted reverse lookup like 10.0.3.128-190 and delegate it back to this DNS.

CIDR range 10.0.3.0/26
Netmask 255.255.255.192
Wildcard Bits 0.0.0.63
First IP in range 10.0.3.0 (network address)
Last IP in range 10.0.3.63 (broadcast address)
First useable IP in range 10.0.3.1
Last useable IP in range 10.0.3.62
Number of useable IPs in range 62

174419 – HOWTO Configure a Subnetted Reverse Lookup Zone on Windows NT:
<http://support.microsoft.com/default.aspx?scid=kb:en-us:174419>

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