

Re: 2003 AD DNS setup

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.dns/2006-01/msg00326.html>

- *From:* "Kevin D. Goodknecht Sr. [MVP]" <admin@xxxxxxxxxxxxxxxx>
 - *Date:* Thu, 19 Jan 2006 06:35:38 -0600
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Paul wrote:

> Hi,
>
> I wonder if someone can confirm my setup is correct. I have a root
> domain/child domain 2003 AD setup. Both domains are running DNS
> servers. All domain servers are Active Directory Intergrated with
> replication set to all DNS servers in the forest. All DNS servers
> point to themselves for name resolution. I do not have forwarders
> setup.
>
> I am not running WINS and we are in a routed environment. I have no
> DNS suffix's listed.

Are you saying the ipconfig /all shows the DNS suffix list with no suffixes listed?

>
> Ok my question is this. When I try to ping a server in the child
> domain from the root domain by short name only ie ping server1 this
> fails. My point is surley the DNS server should have a look at the
> zone it is responsible for and if it is not in its own zone then have
> a look at the replicated zone from the child zone where it will then
> find the answer?

It is not up to the DNS server to look in any zone. It is up to the client to search configured suffixes for a host. If the client is not configured with the child's DNS suffix in the DNS suffix search list, it won't look in the child zone.

>
> Am I missing the point please help?

By default the DNS client will devolve the primary DNS suffix, thereby looking in the parent zone. However, clients using the parent domain as its Primary DNS suffix has no DNS suffix to devolve, you will have to configure clients in the parent domain to search the child's DNS suffix as well as the parent DNS suffix.

Configure parent members with a custom DNS suffix searh list of both the

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child an parent DNS suffixes. You can also give the parent members the child suffix as their connection specific DNS suffix by using option 015 (Domain name) in DHCP.

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Best regards,
Kevin D. Goodknecht Sr. [MVP]
Hope This Helps

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=====
<http://www.lonestaramerica.com/>
<http://support.wftx.us/>
<https://secure.lsaol.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>
=====

• ***Follow-Ups:***

- ◆ ***Re: 2003 AD DNS setup***
◇ *From:* Paul

- Prev by Date: ***Re: dnscmd regd.***
- Next by Date: ***Re: Cannot resolve a DnsApi EventID-11163 to an unknown 10.1.1.1 D***
- Previous by thread: ***dnscmd regd.***
- Next by thread: ***Re: 2003 AD DNS setup***
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