

Re: DNS resolution order with multihomed host

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.dns/2005-12/msg00493.html>

- *From:* "DanielP" <dpradoSIN@xxxxxxxxxxxxxxxx>
 - *Date:* Thu, 29 Dec 2005 10:17:49 +0100
-

Hello Kevin,

The reason why we want this dns names to be resolved always in the same order is that we have two data connections with our remote datacenter: one through frame relay and one through Internet, and we have to be connected permanently with 2 machines there.

This machines have 2 IPs: one private through frame relay and one public through Internet.

We want to access them with the private IP (10.x.x.x) through the frame relay while it si possible. But if the frame relay fails we want to access them with the public IP (194.x.x.x) through Internet.

So, as you can see, we want to have two IPs on these machines as a fault tolerant mechanism. If the first IP isn't reachable our system uses the second.

¿What do you think about our topology?

Thank you very much.
Best Regards.

Daniel P.

"Kevin D. Goodknecht Sr. [MVP]" <admin@xxxxxxxxxxxxxxxx> escribió en el mensaje [news:%23\\$AH3Y7CGHA.2356@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:%23$AH3Y7CGHA.2356@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)
> DanielP <dpradoSIN@xxxxxxxxxxxxxxxx> wrote:
>> Thank you for your response Kevin.
>>
>> You understand my problem perfectly but your solution didn't correct
>> it.
>>
>> This workaround works very well untill i restart the dns service (or
>> the whole server). Then the order is changed again.

Re: DNS resolution order with multihomed host

>>

>> Do you have another idea?

>

> Unfortunately the answer is no, one of the features I was hoping to be
> added

> was to be able to have DNS views based on the interface the DNS request is
> coming from. The problem is that if you have clients that have access to
> only one subnet you are going to have problems with DNS giving addresses
> to

> clients on the wrong subnet.

> This is a real problem for Domain Controllers that are multi-homed or have
> Remote Access Server running on them.

> You didn't say if that was your real scenario, (multi-homed DC) If it is,

> I

> have written all-in-one plain text and Word documents that combine the

> instructions from several KB articles dealing with multi-homed DCs with

> DNS,

> WINS and/or RAS running. You can take a look at these documents by

> clicking

> on the support.wftx.us link in my signature line and scroll to the bottom

> of

> the page.

>

>

>

> --

> Best regards,

> Kevin D. 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/>

> <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: DNS resolution order with multihomed host**
 - ◇ *From:* Kevin D. Goodknecht Sr. [MVP]

- *References:*
 - ◆ **DNS resolution order with multihomed host**
 - ◇ *From:* DanielP
 - ◆ **Re: DNS resolution order with multihomed host**
 - ◇ *From:* Kevin D. Goodknecht Sr. [MVP]
 - ◆ **Re: DNS resolution order with multihomed host**
 - ◇ *From:* DanielP
 - ◆ **Re: DNS resolution order with multihomed host**
 - ◇ *From:* Kevin D. Goodknecht Sr. [MVP]

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