

Re: DNS A Record Order.

Source:

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.dns/2006-09/msg00064.html>

- *From:* "Herb Martin" <news@xxxxxxxxxxxxxxxx>
 - *Date:* Tue, 12 Sep 2006 11:21:49 -0500
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I tend to agree about netmask ordering. But my take on it is even if round robin is not disabled, netmasks ordering will be the factor on what IP the client will receive, based on the subnet of the querying client. So I would say that it just works without needing to make any changes.

He for some reason wants to be able to predict or fix the IP address returned -- in that case he can just disable both netmarks ordering AND round robin.

But then we both wonder what is the point of multiple records (since clients for practically all services tend to only try the first one and will not fail over to the others in general.)

Now of course, I'm also assuming that AD Sites are configured, since the client will get an IP of a logon server in its own subnet before it looks elsewhere.

This latter part of the above is incorrect in GENERAL.

There is no guarantee that a client will use a Logon server from the same SUBNET, but only that it will strongly tend to use one from the SAME SITE (which may have many subnets, or have a subnet in Sites that is actually inclusive of many physical subnets on the wire.)

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"Ace Fekay [MVP]" <PleaseAskMe@xxxxxxxxxxxxxxxx> wrote in message news:OTm0gmh1GHA.4392@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

Re: DNS A Record Order.

In news:OAJSCkf1GHA.4108@xxxxxxxxxxxxxxxxxxxxxxxx,
Herb Martin <news@xxxxxxxxxxxxxxxx> stated, which I commented on below:

"Matthew" <matlowe@xxxxxxxx> wrote in message
news:1158011194.079646.138000@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

That's kind of where I got to. Would be nice to have the same
one
returned with round robin turned off.

We will have to look at a host file entry.

You can lock the order FROM the server by turning off
BOTH "round robin" and "netmask ordering" on the Server.

But you will still possibly see variations from the client
due to "subnet prioritization" (clients version of netmask
ordering) -- however this order should remain consistent
IF your client doesn't change subnets.

Going to a "hosts" file entry seems a little odd -- if you only
want one particular entry why not one entry in DNS?

--
Ace
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Ace Fekay, MCSE 2003 & 2000, MCSA 2003 & 2000, MCSE+I, MCT, MVP
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Having difficulty reading or finding responses to your post?
Instead of the website you're using, I suggest to use OEx (Outlook Express
or any other newsreader), and configure a news account, pointing to
news.microsoft.com. This is a direct link to the Microsoft Public
Newsgroups. It is FREE and requires NO ISP's Usenet account. OEx allows
you to easily find, track threads, cross-post, sort by date, poster's
name, watched threads or subject.
It's easy:

How to Configure OEx for Internet News
<http://support.microsoft.com/?id=171164>

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Infinite Diversities in Infinite Combinations
Assimilation Imminent. Resistance is Futile
"Very funny Scotty. Now, beam down my clothes."

The only constant in life is change...