

Re: DNS A Record Order.

Source:

<http://www.tech-archive.net/Archive/Win2000/microsoft.public.win2000.dns/2006-09/msg00058.html>

- *From:* "Herb Martin" <news@xxxxxxxxxxxxxxx>
 - *Date:* Mon, 11 Sep 2006 18:14:26 -0500
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"Matthew" <matlowe@xxxxxxxx> wrote in message
news:1158011194.079646.138000@xx

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?

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Thanks

Matthew

Kevin D. Goodknecht Sr. [MVP] wrote:

matlowe@xxxxxxxx wrote:

Hi All.

Re: DNS A Record Order.

I have an issue with MS DNS.

We have 3 subnet A=192.168.1.0, B=192.168.2.0,
C=192.168.3.0

Subnet A and B have DC's .5 in each.

The resolution of the domain name foo.com points to the 2
dc's

In subnet A and B they subnet prioritization gives the correct
host
name for each site.

The issues start with subnet C, this is a remote site and can
only
access subnet A

We have turned off round robin DNS.

I would expect that then the DNS server would return
recored in the
order that they are created. IE the first in the list. This is
correct, if the DC in subnet A is on the top all is OK but from
time
to time it seems to reorder itself and the DC from subnet B is
on the
top.

This breaks GPO deployment for subnet C. ie
\\foo.com\sysvol\.. etc
etc is broken.

Is there a way to "lock" the resolution order for the domain A
records?

This is a point I brought up for adding support for this to the new
version
of Windows server (now in Beta) I'm keeping my fingers crossed for this.

At this time you have to rely on Netmask Ordering, and disable round
robin.

If that doesn't work make static routes for all subnets or use the hosts
file. DNS kinda' just does what it wants to when it comes to sending out
records in a particular order.

Re: DNS A Record Order.

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

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