

## Re: Migration from sbs 2003 to 2008 standard

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*Source:*

[http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active\\_directory/2009-04/msg00840](http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.active_directory/2009-04/msg00840)

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- *From:* Meinolf Weber [MVP-DS] <meiweb(nospam)@gmx.de>
  - *Date:* Fri, 17 Apr 2009 20:56:22 +0000 (UTC)
- 

Hello matttt897,

Nothing will replicate with DNS server change but the client will renew it's ip address from the DHCP server after the half lease time. At that moment the client will get the new settings from the server, if you have changed the scope options in the DNS management console.

If you do not need the SBS DNS server remove it from the scope options and use only the 2008.

Think i missed somewhere the part with DNS on the new DC. I assume it is installed, if not install the DNS server role from the server manager, choose roles and checkmark DNS server. On the SBS machine make sure to use AD integrated zones, highlight the forward/reverse lookup zone and in the left pane you see the kind of zone. If not AD integrated change them to, easier with adding new DNS servers. Every zone information will be copied to the new DNS without any configuration.

Best regards

Meinolf Weber

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\*\* Please do NOT email, only reply to Newsgroups

\*\* HELP us help YOU!!! [http://www.blakjak.demon.co.uk/mul\\_crss.htm](http://www.blakjak.demon.co.uk/mul_crss.htm)

Hello Meinolf, Thanks also for the quick response

As i'm still not the brightest network guy on the planet can you help me

with the "You have to change the DNS server on the clients with the DHCP

scope options(change

the order if both are still in), or unfortunatly manual at the machine

if you

use fixed ip's, next reboot or DHCP lease refresh the clients will use the

new settings"

Do you mean I need to change the client machines to Preferred DNS (new 2008

box) secondary (old box)???? Also you mention that somehow it will replicate

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over to the clients.  
thank you too for your patience!

-Matt

"Meinolf Weber [MVP-DS]" wrote:

Hello matttt897,

Ace gave you already the proper configuration detail's for DNS. To disable IPv6 see this article:  
<http://blogs.dirteam.com/blogs/paulbergson/archive/2009/03/19/disabling-ipv6-on-windows-2008.aspx>

You have to change the DNS server on the clients with the DHCP scope options (change the order if both are still in), or unfortunatly manual at the machine if you use fixed ip's, next reboot or DHCP lease refresh the clients will use the new settings.

Also keep in mind that normally only the SBS DC can have the FSMO roles, so you should think of removing the SBS if everything is running with the new DC.

Additional as Ace already pointed out you should not multihome the new DC. Better connect your router to the switch where also the new DC is connected. This prevents you from problems in the future with GPO processing, logon problems, etc.

For remote access, if needed configure an additional member server, do not use the DC for that.

Best regards

Meinolf Weber

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Ace

Thanks for being so responsive to this. I changed the DNS settings

on

both

the server side nic from the SBS and the 2008 nic too. Each one has

themselves as the preferred DNS. I went into DHCP, under ipv4 i

right

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clicked  
and added the two options which already had option 006 and  
015. I  
left  
ipv6  
alone. which i can hopefully remove later.  
I should be able to check the config now?  
Do I need to manually change the DNS on each client to  
preferred  
(2008  
box)  
and secondary (SBS) or does it magically work.  
I like when things magically work.  
"Ace Fekay [Microsoft Certified Trainer]" wrote:

"matttt897"  
<matttt897@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>  
wrote in message  
[news:3B4985EF-5A4C-4E61-8DFA-73F0FA954BDA@xxxxxxxxxxxxxxxxxxxx](mailto:news:3B4985EF-5A4C-4E61-8DFA-73F0FA954BDA@xxxxxxxxxxxxxxxxxxxx)

Thanks ace for being so  
patient. I'm having trouble  
figuring out  
how  
to  
set  
themselves as the first entry  
in DNS, also in DHCP. Do I  
change  
the  
DHCP  
on  
the new box only?  
I haven't done this kind of  
stuff in ages!  
Thanks again

Patience is a virtue!

On the DCs, I assume you know how to get  
into network properties.  
Control Panel – Network Properties, on  
2008 it's Manage Network  
Settings. Go into the NIC properties, IP  
properties, and change  
just the DNS address section. Make its own  
IP as the first one, the  
partner DC as the second one.

Yes, if you are using DHCP on the new

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server, go into DHCP  
properties, expand the scope, you will see  
the Scope Options. Right  
click, configure options. Change it in there.  
Also make sure you  
have your WINS addresses set in Option 044  
and 046 as:

044 = new server IP

046 = 0x8

Ace