

Re: DNS servers

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-03/msg05863.html>

- *From:* bitsnpcs <bitsnpcs@xxxxxxxxxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 27 Mar 2006 20:05:01 -0800
-

Thanks again Dave

You've certainly solved a mystery or two for me there! So the preferred DNS server should be my ISP's DNS address and there is no alternate DNS in my case...and thats Ok. Right?

So lets move on....

1. My ISP has provided me with a static IP.
2. I also have registered a domain name but I did not purchase any domain hosting just yet for a external web site (I will soon but don't want that just now.) so along with registering a Domain name I have purchased DNS hosting – which seems to provide ability for me to create a domain server record(or A record) and assign that name to an IP address.....now I'm just guessing here but it seems to me that what I should do is create a domain server like "myserver.mydomainname.com" and assign that to my static IP – how am I going?
3. Also through the domain name registrar I have purchased mail forwarding – so they seem to have created a mail.mydomainname.com server which i am presuming I can marry exchange server by assigning it also to my static IP am I on the right track?

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Jim
Bitsnpcs

"Dave Nickason [SBS MVP]" wrote:

These are the DNS servers you get from the ISP that provides your Internet connection and IP address. If they only give you one, that's ok, just leave the alternate blank. The DNS on your SBS will use root DNS servers if it can't get to the ISP's DNS. You don't need to buy DNS hosting for your SBS domain – you're getting that from the ISP that provides the Internet connection. You may need to purchase DNS services for your externally hosted web site, although that service may also be provided for free by the

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hosting company.

I get DNS for my externally hosted web site from the hosting company to simplify configuration and let me deal with one less company. You can also get it from the domain registrar (if you have a separate one) or from a 3rd party like ZoneEdit.

I'm not near an SBS but I'll look at the CEICW tomorrow if I get a chance. There should be a Help or More Information button on every screen that will point you to whatever information you need. The best source of information on the CEICW I know of is SBS MVP Andy Goodman's explanation at <http://www.sbs-rocks.com/sbs2k3/sbs2k3-n2.htm>. He's got a whole series of articles about the SBS setup process at <http://www.sbs-rocks.com/articles.htm>

MX records are for e-mail. Please post back your questions about that if you have them.

"bitsnpcs" <bitsnpcs@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message news:DD1E1823-E5CF-4560-A4E5-2CCE9060B9BB@xxxxxxxxxxxxxxxxxxxx

Thanks for your help Dave,
Just to clarify –

Quote from your reply "When you enter the forwarders in the CEICW you can use two DNS servers that you get from your ISP"

So in CEICW where you enter preferred DNS server and alternate DNS servers these are the "forwarders" ? is that right? If so then you have solved another deep and evasive mystery for me!

And further – are you saying that my ISP should provide these numbers? My ISP has only provided one – can I get away without an "alternate" DNS?

And...which ISP are we talking about? The ISP that provides my access to the Net and my static IP– Or the ISP where I have my domain name registered?(Different type of ISP but an ISP all the same) I see on my domain name management website that I can purchase DNS hosting for my domain name...is this what is required?

You ask where I am being prompted for a web server certificate...it is on the 6th panel of the CEICW process....I understand I need to get a "MX" record or an 'A' record for this –.see how confused I am? or am i talking about the same thing?

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This is a really murky and mysterious area to new comers like me – and there seems to be endless variations – should be some definitive guide somewhere – not something 20 pages long – just something so we can understand what's what!

--
Jim
Bitsnpcs

"Dave Nickason [SBS MVP]" wrote:

The IP of your internal NIC should be the only DNS Server showing up when you run ipconfig /all. There should be no alternate DNS server listed. When you enter the forwarders in the CEICW you can use two DNS servers that you get from your ISP. On the internal NIC, the DNS should be 192.168.16.2, not 127.0.0.1. On the external NIC, it should be 192.168.16.2 as well. Your router should not be doing the DNS, but if your SBS is properly configured I would suspect your router can do whatever it wants and the SBS will just ignore it.

DHCP seems to be disabled on both NICs, so your SBS should be handling DHCP for the client PCs on your LAN.

Where are you getting prompted for a certificate?

"bitsnpcs" <bitsnpcs@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>
wrote in message
news:7BA99B8B-7AA2-463C-A109-6C58A0D9F6C4@xxxxxxxxxxxxxxxxxxxx

Still dealing with the delights of CEICW here....currently I have these settings

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Preferred DNS server: 192.168.254.254
Alternative DNS server: My ISP's DNS IP
Local address of router: 192.168.254.254

Note: Apparently My router/modem insists on being the DHCP so SBS can't be in this set up.
So are my settings above correct?
It would seem this makes my router the DNS – I thought SBS was meant to be the preferred DNS....if I wanted to change it could I? (And how would I?
And does it matter?)
Am I correct making my ISP's DNS my alternative DNS?

Apparently I now have to get a web server certificaste – trying to sort that out with my Domain Name registrar....until I do it seems I will continue to get "An error occurred while configuring a component" (be nice if it told us which component!!!)

So not withstanding that.....are there any other "components" that might be preventing this so called "wizard" from falling on it's magical face?

Here is this is the result of my ipconfig/all command – any advice please?

```
Windows IP Configuration
HostName -----:
Server1
Primary suffix -----:
myserver.local
Node type -----:
hybrid
```

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IP routing enabled -----: No
WINS proxy enabled -----: No
DNS suffix search list -----:
myserver.local

Ethernet adapter Network connection
Connection Specific DNS suffix ----- :
Description
-----: Uli
PCI Ethernet Controller
Physical address
-----:
00-0d-6a-cf-df-ed
DHCP enabled
-----: No
IP Address
-----:
192.168.254.6
Subnet mask
-----:
255.255.255.0
Default Gateway
-----:
192.168.254.254
DNS Servers
-----:
192.168.254.254
Primary WINS server
-----: 192.168.16.2

Ethernet adapter Server Local Area
Connector
Description
-----:
Realtek PCI ethernet
connector
Physical address
-----:
00-00-21-D3-A4-03
DHCP enabled
-----: No
IP Address
-----:
192.168.16.2
Default Mask
-----:
255.255.255.0
Default Gateway
-----:
DNS servers
-----:

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127.0.0.1
Primary WINS Server
-----:

Jim
Bitsnpcs