

## Re: Still have problem with DNS forwarding

**Source:**

<http://www.tech-archive.net/Archive/BackOffice/microsoft.public.backoffice.smallbiz2000/2004-04/1557.html>

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*anonymous\_at\_discussions.microsoft.com*

**Date:** 04/26/04

Date: Mon, 26 Apr 2004 09:58:58 -0700

I would dearly like to not only unplug the linux server, but also throw it through the window of a very tall building overlooking a wrecking yard!! But if i do, i know that the client will lose all name resolution, which means no internet, mail delivery, etc.

There are 2 nic in the system, one of which is disabled through windows. The active nic ip is 192.168.254.1 and is connected to the internal LAN.

Regards

Darren

>-----Original Message-----

>So unplug the linux server..its acting in the network somewhere

>

>How many nics in your SBS server

>What are they connected to??

>What do you have as the DNS address on them??

>

>

>

>--

>Cris Hanna (SBS-MVP)

>-----

---

>Please DO NOT respond directly to me but rather in the newsgroup so that everyone can benefit

><anonymous@discussions.microsoft.com> wrote in message

>news:429201c42b68\$a23964c0\$a001280a@phx.gbl...

>> The story so far, well as much of it as i have been told!

>> (Customer has fallen out with original supplier)

>>

>> The linux server was part of the original setup which

>> included a w2k server. The linux server provided imap4

>> mail facilities, and dns, while the w2k, as far as i

Re: Still have problem with DNS forwarding

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```
>> could tell, sat doing nothing. The client save their
>> files to the linux server (samba) occasionally.
>>
>> My brief was to reconfigure the existing setup to
>> centralise all of the files and email functionality.
>>
>> I have installed w2003 sbs on the old w2k server, and
>> migrated to clients (3 in all!) to the new server.
Setup
>> OWA, which works very well, apart from the vaguaries
of a
>> satellite broadband connection. I have also installed a
>> Cisco PIX501 firewall on the gateway to the lan. All
set-
>> up and running beautifully, apart from the dns problem.
>>
>> The linux baos is still on the network because without
>> it, i cannot resolve dns queries forwarded to any other
>> server.
>>
>> I understand how to set up the CIECW, and have setup
the
>> isp (BTOpenwound) dns server. But without the linux
>> server being the primary forwarder, names cannot be
>> resolved.
>>
>> Hope this helps
>>
>> Regards
>>
>> Darren
>>>-----Original Message-----
>>>Well...lets step back
>>>
>>>Why is the linux box still up and on the network??
>>>
>>>SBS should "optimally" have two nics
>>>1 for internal LAN connections, running to a switch/hub
>> and all workstations
>>>connect to the hub as well
>>>1 for external/internet connection, to either a router,
>> cablemodem, DSL
>>>modem, or other device and it is the only thing
>> connected to that device
>>>
>>>These two nics should be on different IP subnets The
>> IP address of the
>>>internal nic should be the DNS address for the LAN
>>>When you run the CEICW you would specify the IP
>> addresses of your ISPs DNS
>>>servers.
>>>
>>>Who set this linux server up and why??
>>>
>>>--
>>>Cris Hanna (SBS-MVP)
>>>-----
--
>> ---
>>>Please DO NOT respond directly to me but rather in the
>> newsgroup so that
>>>everyone can benefit
```

Re: Still have problem with DNS forwarding

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```
>>><anonymous@discussions.microsoft.com> wrote in message
>>>news:3a6a01c429ce$05765760$a101280a@phx.gbl...
>>>>I don't know, not being over familiar with linux
>>>> (Microsoft born and bred!). How would i find out?
>>>>
>>>> I certainly do not reference the linux server in
anyway
>>>> on the sbs, and it still has problems when it comes
to
>>>> dns. How could the linux server do this? The only
thing
>>>> that i could think of is that it in some way has
>> promoted
>>>> itself to be the authoritative dns server on the lan.
It
>>>> was running the dns in the old set-up, the install of
>> the
>>>> sbs was a fresh one (Not upgrade).
>>>>
>>>> The other thing i thought of was that when i
installed
>>>> the sbs on the server, it had two nic's installed. Is
>>>> there anyway that it could be trying to use the
>> disabled
>>>> nic for dns in preference to the enabled nic?
>>>>
>>>> Regards
>>>>
>>>> Darren Woodman
>>>>-----Original Message-----
>>>>>Sorry I haven't jumped into this before and you
started
>>>> a new thread so I
>>>>>don't know the history
>>>>>
>>>>>Is there a nic running from your SBS box to your
Linux
>>>> box and then your
>>>>>linux box to the internet...in otherwords is the
linux
>>>> box acting as some
>>>>>sort of proxy server??
>>>>>
>>>>>--
>>>>>Cris Hanna (SBS-MVP)
>>>>>-----
--
>> --
>>>> ---
>>>>>Please DO NOT respond directly to me but rather in
the
>>>> newsgroup so that
>>>>>everyone can benefit
>>>>>"Darren Woodman"
<anonymous@discussions.microsoft.com>
>>>> wrote in message
>>>>>news:2f7f01c428c9$7be5ece0$a601280a@phx.gbl...
>>>>>> Subject: Re: DNS
>>>>>> From: "anonymous@discussions.microsoft.com"
>>>>>> <anonymous@discussions.microsoft.com> Sent:
>> 4/22/2004
>>>>>> 1:26:55 PM
```

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```
>>>>>
>>>>>
>>>>>
>>>>>
>>>>> Well spotted, this was the result of my work LATE
>> last
>>>>> night. I have ammended this (Although it was OK
>> before
>>>> i
>>>>> changed it for some other clients network address
by
>>>>> mistake), and i have run the CEICW.
>>>>>
>>>>> I still have the same problem, if i make anything
>> other
>>>>> than the linux server (192.168.254.15) the first
>>> forward
>>>>> resolution path, anything relying on name
resolution
>>>>> fails, email, internet access, etc, etc....
>>>>>
>>>>> Regards
>>>>>
>>>>> Darren
>>>>>>-----Original Message-----
>>>>>>>If your server has IP 192.168.254.1 than DNS should
>> be
>>>>>> the same.
>>>>>>
>>>>>>--
>>>>>>>Regards,
>>>>>>
>>>>>>>Marina
>>>>>>>Microsoft SBS-MVP
>>>>>>>
>>>>>>><anonymous@discussions.microsoft.com> schreef in
>>>> bericht
>>>>>>>news:29e401c4283a$81b20bc0$a301280a@phx.gbl...
>>>>>>>> Hi
>>>>>>>>
>>>>>>>> Below is the output of the ipconfig /all
>>>>>>>>
>>>>>>>> C:\Documents and
>> Settings\Administrator>ipconfig /all
>>>>>>>>
>>>>>>>> Windows IP Configuration
>>>>>>>>
>>>>>>>> Host Name . . . . . : epdl
>>>>>>>> Primary Dns Suffix . . . . . : EPD.co.uk
>>>>>>>> Node Type . . . . . : Hybrid
>>>>>>>> IP Routing Enabled. . . . . : No
>>>>>>>> WINS Proxy Enabled. . . . . : No
>>>>>>>> DNS Suffix Search List. . . . . : EPD.co.uk
>>>>>>>>                                     co.uk
>>>>>>>>
>>>>>>>> Ethernet adapter Server Local Area Connection:
>>>>>>>>
>>>>>>>> Connection-specific DNS Suffix . :
>>>>>>>> Description . . . . . : Intel(R)
>>>>>>>> PRO/1000
>>>>>>>> MT Network Connection
>>>>>>>> Physical Address. . . . . : 00-07-E9-
```

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```
4D-
>>>> F3-
>>>>> 01
>>>>>> DHCP Enabled. . . . . : No
>>>>>> IP Address. . . . . :
>> 192.168.254.1
>>>>>> Subnet Mask . . . . . :
>> 255.255.255.0
>>>>>> Default Gateway . . . . . :
>>>> 192.168.254.254
>>>>>> DNS Servers . . . . . :
192.168.16.1
>>>>>> Primary WINS Server . . . . . :
>> 192.168.254.1
>>>>>>
>>>>>>> C:\Documents and Settings\Administrator>
>>>>>>>
>>>>>>>
>>>>>>> This is the output of nslookup when trying to
>> resolve
>>>>>>> name with the ISP forwarders active
>>>>>>>
>>>>>>> Default Server: epdl.epd.co.uk
>>>>>>> Address: 192.168.254.1
>>>>>>>
>>>>>>> > bbc.co.uk
>>>>>>> Server: epdl.epd.co.uk
>>>>>>> Address: 192.168.254.1
>>>>>>>
>>>>>>> DNS request timed out.
>>>>>>> timeout was 2 seconds.
>>>>>>> DNS request timed out.
>>>>>>> timeout was 2 seconds.
>>>>>>> *** Request to epdl.epd.co.uk timed-out
>>>>>>> > google.co.uk
>>>>>>> Server: epdl.epd.co.uk
>>>>>>> Address: 192.168.254.1
>>>>>>>
>>>>>>> DNS request timed out.
>>>>>>> timeout was 2 seconds.
>>>>>>> DNS request timed out.
>>>>>>> timeout was 2 seconds.
>>>>>>> *** Request to epdl.epd.co.uk timed-out
>>>>>>>
>>>>>>> Thanks
>>>>>>>
>>>>>>> Darren Woodman
>>>>>>> >-----Original Message-----
>>>>>>> >Connect Email and Internet Connection Wizard.
This
>>>>>>> will
>>>>>>> set everything up
>>>>>>> >for you.
>>>>>>> >Can you post the ipconfig/all from the server
>>>> please?
>>>>>>> >
>>>>>>>> >--
>>>>>>>> >Regards,
>>>>>>>> >
>>>>>>>> >Marina
>>>>>>>> >Microsoft SBS-MVP
>>>>>>>> >
```

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```
>>>>>>> ><anonymous@discussions.microsoft.com> schreef in
>>>>>> bericht
>>>>>>> >news:273a01c427f5$8b3d7cf0$a501280a@phx.gbl...
>>>>>>> >> DNS Resolution only works when forwarded to
the
>>>>>>> Linux
>>>>>>> >> server, and yes it is still on the network.
>> There
>>>>>>> are 2
>>>>>>> >> nic in the server, one disabled. What's CEICW?
>>>>>>> >>
>>>>>>> >> Regards
>>>>>>> >>
>>>>>>> >> Darren Woodman
>>>>>>> >> >-----Original Message-----
>>>>>>> >> >Is that Linuxbox still in the network? 2 nics
>> in
>>>>>>> the
>>>>>>> >> server? Run the
>>>>>>> >> >CEICW-wizard?
>>>>>>> >> >
>>>>>>> >> >--
>>>>>>> >> >Regards,
>>>>>>> >> >
>>>>>>> >> >Marina
>>>>>>> >> >Microsoft SBS-MVP
>>>>>>> >> >
>>>>>>> >> >"Darren Woodman" <drw@ecommdigital.co.uk>
>> schreef
>>>>>>> in
>>>>>>> >> bericht
>>>>>>> >> >news:25b001c427ec$24e02150
$a601280a@phx.gbl...
>>>>>>> >> >> I have installed a SBS 2003 Server on my
>>>> customer
>>>>>>> site.
>>>>>>> >> >> The installation went well, with no
errors. I
>>>>>>> configure
>>>>>>> >> >> the internal dns to use the external dns
>>>> servers
>>>>>>> >> >> recommended by the customer ISP
(Forwarders).
>>>> The
>>>>>>> >> >> original system before this was running
IMAP
>>>> mail
>>>>>>> on a
>>>>>>> >> >> linux box, and DNS was configured on this
>>>>>> (external
>>>>>>> >> >> resolution via dynamicdns). I cannot get
the
>>>> SBS
>>>>>>> 2003
>>>>>>> >> to
>>>>>>> >> >> forward dns requests for external
resolution,
>>>>>>> unless
>>>>>>> >> the
>>>>>>> >> >> sbs 2003 dns forwards to the old linux box
>>>>>>> first. I
>>>>>>> can
```

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```
>>>>>>> >> >> ping the ISP and other dns servers, so the
>>>>>> routing
>>>>>>> side
>>>>>>> >> >> of it is working. There is a Cisco PIX
>> firewall
>>>>>> on
>>>>>>> the
>>>>>>> >> >> gateway, but this is configured correctly.
>>>>>>> >> >>
>>>>>>> >> >> Any idea's?
>>>>>>> >> >
>>>>>>> >> >
>>>>>>> >> >.
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