

# Re: Problem sending email out of Exchange 2003

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2008-10/msg00974.html>

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- *From:* Andrew B. Abrams <[AndrewBAbrams@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:AndrewBAbrams@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Thu, 9 Oct 2008 15:49:00 -0700
- 

Not currently. I do have clients that have issues when sending to AOL ... due to the fact they are behind an ATT DSL/T1 and the email is getting flat out rejected sometimes. I have SMTP connectors configured for those instances but would like to get away from the SMTP connector. I thought the SPF record my solidify those domains Exchagne servers behind the ATT DSL/T1 internet connectiosn.

My email is now working again using OpenDNS settings.

"SuperGumby [SBS MVP]" wrote:

spf and txt records for your domain are only of benefit if remote email systems are rejecting your email for these reasons. Are they?

"Andrew B. Abrams" <[AndrewBAbrams@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:AndrewBAbrams@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)> wrote in message [news:494296F9-4746-4A41-9F6E-232597B01E0E@xxxxxxxxxxxxxxxxxxxx](mailto:news:494296F9-4746-4A41-9F6E-232597B01E0E@xxxxxxxxxxxxxxxxxxxx)

Thanks,

What about SPF and TXT records in the Zone file at our domain registrar? Would it helpd to have these with information listing our primary and secondary IP addresses?

"SuperGumby [SBS MVP]" wrote:

yes, either use 'root hints' or OpenDNS.

a 3rd alternative exists, but depends on your router acting as 'DNS Proxy' (which most do). Set the router as DNS forwarder. The router should then resolve DNS via whichever internet connection is in use at the time.

Personally, I don't perform reverse lookups.

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"Andrew B. Abrams"

<AndrewBAbrams@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote

in

message

news:BD8DCBC4-6A9C-4E41-BB0E-C5657B170560@xxxxxxxxxxxxxxxxxxxx

This is all coincidence and out of the blue.

So, your saying either don't use any external  
DNS servers or configure  
to  
use  
the Open DNS ones?

What about Perform Reverse DNS lookup  
on incoming messages setting in  
the  
SMTP Advanced settings. Should I check  
this or don't perform? If  
checked,  
should I use Open DNS as well?

"SuperGumby [SBS MVP]" wrote:

Synchronicity, or just plain  
coincidence?

For the last couple of days I  
have been fighting with  
Exchange showing  
similar behaviour. A client  
had moved offices,  
changing ISP in the  
process.  
Sorta similar hey?

Here's a curious part of it.  
6wks ago they moved from  
their original  
location to temporary  
offices, again with a change  
of ISP. No problem  
appeared at this time.  
Original location – ISP1.  
Temp location – ISP2.  
Final location – ISP3.

I had inherited support of  
this system ~2.5yrs ago, the

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initial  
install  
having been performed by a  
'corporate admin' type  
person, not familiar  
with  
SBS.

My problem was resolved  
last night when it was found  
that Exchange was  
not  
referring DNS queries to  
SBS but instead had been  
given specific DNS  
servers, those of ISP1, in the  
SMTP server. Seems that  
when SBS was  
moved  
to  
ISP2 these ISP1 servers  
were still available but when  
connected to  
ISP3  
Exchange SMTP was no  
longer able to query these  
servers. (this sounds  
like  
your basic problem,  
concerning your fallback  
between TWC and Covad)

How do we avoid it? By  
\_not\_ telling Exchange  
SMTP to refer to an  
external  
server (this is the default  
condition) and by using a  
DNS query  
mechanism  
which is available from both  
ISPs.

On SBS, the CEICW  
prompts for 'DNS servers' as  
part of the network  
setup.  
Leaving the entries blank is  
a valid choice, causing SBS  
DNS to use  
'root

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hints', the internet 'root servers', for DNS resolution. This effectively 'disconnects' SBS DNS from any external service (ISP).

An alternative, with benefits concerning 'internet abuse', is to specify the OpenDNS servers during the network setup portion of the CEICW, this causes SBS to use OpenDNS as 'DNS Forwarders' and the OpenDNS DNS servers \_should\_ be available from any internet connection.

"Andrew B. Abrams"

<AndrewBAbrams@xxxxxxxxxxxxxxxxxxxxxxxxxxxx>

wrote in message

[news:0E04490D-39E3-4F20-9773-F64BE7FF562A@xxxxxxxxxxxxxxxxxxxx](mailto:news:0E04490D-39E3-4F20-9773-F64BE7FF562A@xxxxxxxxxxxxxxxxxxxx)

All of a sudden, I cannot send email out of Exchange using DNS to send email directly from the SMTP server. When I look at the SMTP Queue, it is just jammed with emails it is re-trying to

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deliver. I  
use Time  
Warner  
Cable  
Business  
Class Road  
Runner and  
haven't had  
this issue  
before. If I  
setup  
the  
SMTP  
connector to  
smtp-server.wi.rr.com,  
then email  
goes out as  
it  
is  
relaying  
through  
TWC. This  
is ok, but I  
prefer not to  
use a  
connector  
if  
I  
don't have  
to. The  
main reason  
is we have a  
failover  
Internt to  
Covad  
DSL.  
If the TWC  
is down,  
and we are  
on failover,  
then I  
cannot even  
relay  
to  
TWC's  
SMTP  
servers as  
they block  
the relay  
from the  
Covad IP

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block (or  
Covad  
is  
blocking us  
from getting  
to TWC)

TWC says  
they aren't  
blocking us  
on Port 25  
nor is our  
domain nor  
IP  
block  
in any block  
lists.

Is there  
anywhere I  
can look, or  
things I can  
test, to see  
why I  
cannot  
send  
email from  
Exchange  
via DNS  
rather than  
using the  
SMTP  
connector?