

## RE: NDR when sending mail to a domain

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*Source:*

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2005-07/msg01639.html>

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- *From:* [v-natliu@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:v-natliu@xxxxxxxxxxxxxxxxxxxxxxxx) (Nathan Liu [MSFT])
  - *Date:* Fri, 08 Jul 2005 07:42:30 GMT
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Hello Acon,

Thank you for posting in the SBS newsgroup.

According to your description, I understand that you received a NDR when you are sending mail to a specific domain. If I have misunderstood your concern, please don't hesitate to let me know.

To narrow down this issue, please answer and perform the following questions and steps:

1. Since this issue occurs if a looping condition was detected, and this issue only occurs on the specific domain, please also contact the specific domain administrator to check the relevant configuration of the Exchange Server.
2. If you forward all mail through smarthost, please try to use DNS to route the outgoing email, and then try again. Please check if the issue can be re-produced.
3. As you mentioned, you already have "smtp \* 1" in the address space tab. If there is other items in the Address Space tab of the SmallBusiness SMTP connector Properties, please delete it , and then check if the issue can be re-produced.
4. If there are other third-party software on the SBS Server, please temporarily uninstall it, and then try again.
5. Based on my research, this issue may occurs if the SBS Server is configured to forward mail either to itself or another server that may be configured to forward it's unresolved recipients to this server, on the "Forward all mail with unresolved recipients to host" option of the Default SMTP Virtual Server properties.
6. If the DNS server has two same records, the problem may occur due the message will be sent to two targets at the same time and the loop will occur.

RE: NDR when sending mail to a domain

7. Please refer to the below steps to enable SMTP logging:

1) Open the properties page of the Default SMTP Virtual Server in Exchange System Manager.

2) On the General tab, check the "Enable logging" box.

3) Click Properties, click the Extended Properties tab and check all the boxes on the list.

4) Click OK twice.

5) Stop and restart the SMTP virtual server.

6) Reproduce the issue.

7) Stop the SMTP virtual server.

8) Go to the C:\WINDOWS\system32\LogFiles\SMTPSVC1 folder and check the latest two (if there are many) log files.

I am appreciated your time and cooperation. If anything is unclear, please feel free to let me know. I am looking forward to hearing from you.

Best regards,

Nathan Liu (MSFT)  
Microsoft CSS Online Newsgroup Support  
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>From: "acon" <ezacon@xxxxxxxxxxxx>  
>Subject: NDR when sending mail to a domain  
>Date: Wed, 6 Jul 2005 18:59:31 +0200  
>Lines: 34  
>X-Priority: 3  
>X-MSMail-Priority: Normal  
>X-Newsreader: Microsoft Outlook Express 6.00.2900.2527  
>X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2900.2527  
>X-RFC2646: Format=Flowed; Original  
>Message-ID: <u\$vlWwkgFHA.1948@xxxxxxxxxxxxxxxxxxxxxxxx>  
>Newsgroups: microsoft.public.windows.server.sbs  
>NNTP-Posting-Host: 98.red-217-127-189.pooles.rima-tde.net 217.127.189.98  
>Path: TK2MSFTNGXA01.phx.gbl!TK2MSFTNGP08.phx.gbl!TK2MSFTNGP12.phx.gbl  
>Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.windows.server.sbs:133498  
>X-Tomcat-NG: microsoft.public.windows.server.sbs

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◇ *From:* acon

- Prev by Date: *Six O' Clock Slowdown*
- Next by Date: *Re: WSS errors and SP install issues.....*
- Previous by thread: *NDR when sending mail to a domain*
- Next by thread: *Re: NDR when sending mail to a domain*
- Index(es):
  - ◆ *Date*
  - ◆ *Thread*