

# RE: Relay problem in Exchange

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<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2006-06/msg03118.html>

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  - *Date:* Tue, 20 Jun 2006 09:17:39 GMT
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Hi Partner,

Thank you for posting here.

Yes, you got the point, actually, Exchange 2003 is by default configured to prevent open relay.

- Open Exchange System Manage.
- Expand to Administrative Groups→first administrative group→servers→[backend server]→Protocols→SMTP→Default SMTP server.
- Right-click Default SMTP server and then click Properties.
- On the Access tab, click the Relay button.
- Make sure that "Allow all computers which successfully authenticate to relay, regardless of the list above" has been selected.
- Restart SMTP service on this server.

Please determine if your exchange server is open relay through telnet to port 25, we do not recommend user using third-party website to check the stat of exchange server. Microsoft does not control these sites and has not tested any software or information found on these sites; therefore, Microsoft cannot make any representations regarding the quality, safety, or suitability of any software or information found there. There are inherent dangers in the use of any software found on the Internet, and Microsoft cautions you to make sure that you completely understand the risk before retrieving any software from the Internet.

XFOR: Telnet to Port 25 to Test SMTP Communication

<http://support.microsoft.com/?id=153119>

On Small Business Server ICW wizard will restore Internet, ISA and Exchange settings to default. ICW itself does provide a way to block open relay for Exchange but you may find your Exchange server is still for relay after running ICW. Please check if 127.0.0.1 is in the list of IP addresses that are allowed to relay in the properties of the default SMTP Virtual Server because it will be added back after you run CEICW. You should do more things. This is by design in ICW. We recommend our customers stop Exchange

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from open-relay manually after each time they finish ICW. You can refer to the following articles for the detailed information:

How to block open SMTP relaying and clean up Exchange Server SMTP queues in Windows Small Business Server

<http://support.microsoft.com/default.aspx?scid=KB;EN-US;324958>

310380 HOW TO: Prevent Exchange 2000 from Being Used as a Mail Relay in Windows

<http://support.microsoft.com/?id=310380>

Note: If you have an ISA server in front of exchange, the server may be an open relay if the following conditions are true:

- o ISA Server is configured with a server publishing rule for the SMTP protocol.
- o 127.0.0.1 is in the list of IP addresses that are allowed to relay in the properties of the default SMTP Virtual Server.

In addition, On SBS box

External NIC:

IP: assigned by your ISP or your hardware router

Gateway: your ISP or your Hardware router IP

DNS: SBS INTERNAL NIC IP as the only entry

Internal NIC:

IP: Fixed IP

Gateway: None

DNS: SBS INTERNAL NIC IP as the only entry

You should remove the external IP address in the relay restriction list.

In addition, to determine if your exchange server is open relay through telnet to port 25

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More information to secure your server.

Securing Your Windows Small Business Server 2003 Network

<http://download.microsoft.com/download/1/f/1/f15a874-f696-4992-b5ad-b1e7b25>

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8de1c/SecuringSBSnetwork.doc

To protect your server from spam email on Exchange, I would also like to give you the following information.

Antispam Capabilities in Exchange Server 2003

<http://www.microsoft.com/exchange/techinfo/security/antispam.asp>

Exchange Server 2003 Security Hardening Guide

<http://www.microsoft.com/downloads/details.aspx?FamilyID=6A80711F-E5C9-4AEF-9A44-504DB09B9065&displaylang=en>

Hope this helps. Have a nice day!

Best Regards,

Chace Zhang (MSFT)

Microsoft CSS Online Newsgroup Support

Get Secure! – [www.microsoft.com/security](http://www.microsoft.com/security)

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This newsgroup only focuses on SBS technical issues. If you have issues regarding other Microsoft products, you'd better post in the corresponding newsgroups so that they can be resolved in an efficient and timely manner. You can locate the newsgroup here:

<http://www.microsoft.com/communities/newsgroups/en-us/default.aspx>

When opening a new thread via the web interface, we recommend you check the "Notify me of replies" box to receive e-mail notifications when there are any updates in your thread. When responding to posts via your newsreader, please "Reply to Group" so that others may learn and benefit from your issue.

Microsoft engineers can only focus on one issue per thread. Although we provide other information for your reference, we recommend you post different incidents in different threads to keep the thread clean. In doing so, it will ensure your issues are resolved in a timely manner.

For urgent issues, you may want to contact Microsoft CSS directly. Please check <http://support.microsoft.com> for regional support phone numbers.

Any input or comments in this thread are highly appreciated.

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