

Re: frequency of email send / receive

Source:

<http://www.tech-archive.net/Archive/Windows/microsoft.public.windows.server.sbs/2004-09/7551.html>

From: Al Christoph (*ac2_at_too.net*)

Date: 09/24/04

Date: Fri, 24 Sep 2004 19:51:52 -0400

I live mainly in the outlook express world. I have NEVER understood that SMTP mail goes directly to the recipient. The way I understand that it works is

my email program -> ??? -> A server at My ISP -> SMTP ??? -> Perhaps lots of servers -> A server at your ISP -> POP3 or IMAP -> your Email program.

I'm not sure where SMTP belongs. I guess I had thought that it was how mail got from my ISP to your ISP. I thought that what had set the modern malware apart is that they now included their own SMTP servers so that they could bypass the one at My ISP.

My research came up with this definition:

<http://www.webopedia.com/TERM/S/SMTP.html>

Short for Simple Mail Transfer Protocol, a protocol for sending e-mail messages between servers. Most e-mail systems that send mail over the Internet use SMTP to send messages from one server to another; the messages can then be retrieved with an e-mail client using either POP or IMAP.

It goes on to say

In addition, SMTP is generally used to send messages from a mail client to a mail server.

This double use may be the source of my confusion.

However, I definitely disagree with your statements about skipping ISP. One needs the details of the environment and especially the email address to know whether you can do it.

Here is how I have one situation hooked up that skips ISP in one direction only.

Outlook 2003 -> Exchange Server 2003 -> Recipients ISP -> POP3 or IMAP -> User's Email program

The reply though is

User's Email Program-> SMTP -> User's ISP ->SMTP -> My ISP-> Exchange Server

2003 -> Outlook 2003.

Alternatively like at the moment when i'm haveing troubles getting Exchange Server to barf out its cache of email i can do

User's Email Program-> SMTP -> User's ISP ->SMTP -> My ISP-> POP3 -> Outlook Express OR Outlook

The reason for this is that I'm still using my very first email address / isp and it is hooked into the POP3 portion of exchange server. The email addresses associated with my web site domain names go through the web host servers.

The external url for my SBS network - provided as a sub net through dynip.org - is probably not working with my Exchange Server because 1) I don't have a port configured on the router for it to get that far 2) I don't have SBS configured to hack it. I'm not sure that the dynip.org URL is even configured in the SBS server. If i did make this work then my email address would be al@fake subdomain name.ath.cx

My assumption is that with appropriate configuration one could do

My Outlook 2003 <-> My Exchange Server 2003 <-> SMTP <-> Your Exchange Server 2003 <-> Your Outlook 2003

This would leave ISP servers out the picture entirely, though we would still walse our packets through there Internet switching hardware.

All this goes to say that we need to be very careful and get all the details in trying to understand how a specific situation goes together.

Reegards,

Al

"Javier Gomez [SBS MVP]" <javier_gomez@remove.this.engineer.com> wrote in message news:eGuC5%23ioEHA.2864@TK2MSFTNGP12.phx.gbl...

> *Sorry. Let me explain it with more details...*

>

> *POP3 is a retrieve mail protocol in this case your domain mail is hosted at your ISP. The POP3 connector goes to the ISP and retrieves your mail and then distributes it inside Exchange.*

>

> *SMTP is really the email "standard" (you use it already to send mail) in this case the mail comes directly to you. Your ISP doesn't work as an intermediary and mail will be in real time. You will also have more control over spam (you could implement blacklists, AD filtering, etc.).*

> *Changing to SMTP is not very difficult (even easier if you have a static IP):*

>

> <http://groups.google.com/groups?hl=en&lr=&ie=UTF-8&c2coff=1&selm=OktqRUm%24DHA.2012%40TK2MSFT>

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> --

> *Javier [SBS MVP]*

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> << SBS ROCKS !!! >>

microsoft.public.windows.server.sbs: Re: frequency of email send / receive

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