

Re: SMTP Virtual Server 'Quit' problem

Source:

<http://www.tech-archive.net/Archive/Exchange/microsoft.public.exchange.connectivity/2005-04/msg00113.html>

- *From:* "Tom Felts" <tfelts@xxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 11 Apr 2005 13:58:09 -0400
-

It is difficult for me to give assurances, as I do not know your mail volume, etc, etc.

That said, we used to have issues with exchange 2000 when talking to other 2k servers where the queues would just take forever....turning off the PIPELINING verb fixed that....on our external facing mail server (which is not an exchange server, but a smart host) we use SMTP only, as we have found that ESMTP doesn't always 'play nice' with older mail systems.....I haven't noticed any performance hits, but you can always filp it during a time you can watch it.

>From a different viewpoint, I tried telnetting to both the IP's you listed. the first would not respond, and is listed in the ARIN database as belonging to:
Search results for: 168.215.79.61

OrgName: Time Warner Telecom
OrgID: TWTC
Address: 10475 Park Meadows Drive
City: Littleton
StateProv: CO
PostalCode: 80124
Country: USHowever, if you look at their MX records, that is not an IP for their mailserver. So who knows what that is.

The second IP was telnetable, and shows it being an IMail 7.07 server (which is an older version of the IpSwitch IMail smtp engine).

I guess the point being that it may not be on your side of the equation in all cases....

"TBONE" <TBONE@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message <news:B5326A6C-A5F0-4BEB-83A9-C606A1BC02CC@xxxxxxxxxxxxxxxxxxxx>
> I've got a Broadcom NetXtreme Gigabit Ethernet card. This is in an IBM

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> x225
> Dual Xeon box w/ 2gb ram. My only concern about turning esmtp off is that
> it
> will bog down if someone tries to send an attachment over 10mb....with
> esmtp,
> the connection is rejected before the transfer begins; without it, the
> transmission isn't cut off until the 10mb limit is exceeded. Having said
> that, I don't know how often that will be. I guess I'll need some
> assurance
> that I won't see a performance hit.
>
> As for Helo rather than Ehlo, doesn't the server revert back to helo if
> ehlo
> isn't understood? What are the effects of using HELO only?
>
> I'd be happy to try it. I just don't want to run into performance
> issues....what say you?
>
> Thanks again,
>
> TBONE
>
> "Tom Felts" wrote:
>
>> Hmm...what kind of NIC card(s) are in that box? I have seen some really
>> strange issues with, for example, Intel chipset cards vanish with updated
>> NIC drivers.
>>
>> Is ESMTP on? What happens if you turn it off? (Use helo rather than
>> ehlo?)
>>
>>
>>
>> "TBONE" <TBONE@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
>> news:BABFFAFA-CA9D-40FD-8CCF-DF4A7A171C15@xxxxxxxxxxxxxxxxxxxx
>>> Tom,
>>>
>>> The SMTP server is not performing a DNS Blacklist check of any kind.
>>> The
>>> Spam filter does perform a DNS check but that is at the message level
>>> (not
>>> protocol level) and it is performed only after the SMTP virtual server
>>> accepts the message.
>>>
>>> I only get a single line stating 'Quit' for the dropped connection. Do
>>> you
>>> know of any way to further analyze the logs. I don't have much to go
>>> on.
>>>
>>> Thanks,
>>>

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>>> TBONE
>>> "Tom Felts" wrote:
>>>
>>>> Are you doing any DNS blackholing., or does the SPAM filter you
>>>> switched
>>>> to
>>>> do that?
>>>>
>>>> "TBONE" <TBONE@xxxxxxxxxxxxxxxxxxxxxxxxxxxx> wrote in message
>>>> news:B7C42D3C-F06E-4672-86FB-DA70321D8F93@xxxxxxxxxxxxxxxxxxxx
>>>>> I recently switched spam filters and have encountered a strange
>>>>> problem.
>>>>> Let
>>>>> me state right off that my problem is not related to the spam
>>>>> filter.
>>>>>
>>>>> The new filter does not have its own SMTP server and instead relies
>>>>> on
>>>>> the
>>>>> Virtual SMTP server within IIS. The application makes no changes to
>>>>> the
>>>>> SMTP
>>>>> server and simply applies rules to messages it receives from the
>>>>> virtual
>>>>> server. I am running Windows 2000 SP4 and IIS 5 with all of the
>>>>> latest
>>>>> updates.
>>>>>
>>>>> My problem is that for specific mail servers, the SMTP virtual
>>>>> server
>>>>> simply
>>>>> drops the connection. When I look at the logs, I don't even see an
>>>>> EHLO
>>>>> or
>>>>> HELO. There is simply a single line that states 'QUIT'
>>>>>
>>>>> 2005-04-08 18:49:13 168.215.79.61 SMTPSVC1 LIBERTY5 0 QUIT 240
>>>>> or another server
>>>>> 2005-04-08 20:50:25 24.172.50.194 SMTPSVC1 LIBERTY5 0 QUIT 240
>>>>>
>>>>> It doesn't even log the connecting mail servers name so it doesn't
>>>>> look
>>>>> like
>>>>> there's even an initial handshake.
>>>>>
>>>>> The problem is consistent with 5 other sending mail servers that I
>>>>> know
>>>>> of.
>>>>> There's probably more but I haven't found them yet. The problem does
>>>>> not
>>>>> seem

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>>>> to be related to volume because there would be inconsistent mail
>>>> delivery.
>>>> That's not the case; if I receive messages from a certain domain
>>>> I'll
>>>> always
>>>> get messages. If I can not get a message from another domain, I'll
>>>> never
>>>> receive their messages.
>>>>
>>>> I had a network admin at the sending site open a telnet session but
>>>> he
>>>> wasn't able to get a response. He simply got a blinking cursor after
>>>> attempting the connecton.
>>>>
>>>> I have no connection or relay restrictions set on the virtual server
>>>> and I
>>>> am allowiing anonymous access. My message size and session size are
>>>> set
>>>> to
>>>> 10240K. The number of messages per connection is 20 and the number
>>>> of
>>>> recipients per connection is 100. Finally, I am not limiting the
>>>> number
>>>> of
>>>> incomming connections.
>>>>
>>>> Any and all ideas and suggestions are welcome.
>>>>
>>>> Thank you,
>>>> --
>>>> TBONE
>>>>
>>>>
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>>
>>
>>

• **References:**

- ◆ **SMTP Virtual Server 'Quit' problem**
 ◇ From: TBONE
- ◆ **Re: SMTP Virtual Server 'Quit' problem**
 ◇ From: Tom Felts
- ◆ **Re: SMTP Virtual Server 'Quit' problem**
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Re: SMTP Virtual Server 'Quit' problem

◇ *From:* Tom Felts

◆ ***Re: SMTP Virtual Server 'Quit' problem***

◇ *From:* TBONE

- Prev by Date: *problems connecting outlook to exchange server*
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