

Re: Problem about Window Xp SP2 firewall and the buildin FTP command

Source:

<http://www.tech-archive.net/Archive/WinXP/microsoft.public.windowsxp.general/2005-06/msg10387.html>

- *From:* "ping" <imperfectluk-wonder@xxxxxxxxxxxxx>
 - *Date:* 21 Jun 2005 03:22:15 -0700
-

Dear Tom,

Sorry for so late to response to your reply on the newsgroup.

I checked the firewall log, that the firewall drop several TCP SYN packets that may cause the FTP hand problem (seems waiting for server to connect to client for file transfer).

Could you please give me your email address that i can send the screen capture, firewall log, etc to you.

BTW, I always test the XP SP2 on both my own FTP server, production FTP server(both IIS 5.0, window 2000 server, service pack 4, with max. connections = 100, 000) and FTP server on IBM AIX. The problem occurs when firewall is turned on.

The site: ftp2.de.nero.com is a reference site only that my FTP site is located within my company's intranet that can't let you try to connect for testing. Sorry for confusing you.

I think this situation do not happen on individual PC due to wrong config. or installation problem, since i have also tested 3 new PCs, preinstalled with XP SP2 (2 HP, 1 IBM), the same problem occurs.

Thank you for your kind attention.

Tom Che [MSFT] ãS
> Hi,
>

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> Thanks for your update.
>
> I have performed a lot of tests, but still have not expected result.
> Please see my tests as below:
>
> Note:
> =====
> (1). I copy your example ftp command file to a.txt saved in C:\dell folder.
>
> (2). I cannot turn off Windows Firewall, since it is controlled by Domain
> Policy in my computer. Therefore, all the tests as below were finished
> with enabled Windows Firewall.
>
> (3). I cannot add attachment zip file contains 5 JPG files which are
> screenshots in the newsgroup, so please let me know your E-mail and I will
> send it to you directly.
>
> Tests:
> =====
> 1. I do followed your instruction, and I opened 6 command windows all
> including the same command "ftp -s:a.txt" under C:\dell. Please see 1.JPG.
>
> 2. I pressed ENTER on each window as fast as I could (I believed it was
> finished in 2 seconds), then I got the results as 2.JPG. From the
> screenshot, you can see that only 2 windows complete this command
> successfully, but other 4 windows get different errors including
> "Permission denied" and "Not connected". I have repeated step 1 & 2 about
> a dozen of times, and I got the exactly same results – 2 successes, 3
> "Permission denied" and 1 "Not connected".
>
> 3. I thought there is a better way to run the command at the same time –
> using Scheduled Tasks to run 6 same tasks at one time. I edited a batch
> file named a.bat containing "ftp -s:c:\dell\a.txt". I added a Scheduled
> Task to run "a.bat > ao.txt" as 3.JPG.
>
> 4. I copied a.job to other 5 Task files including b.job, c.job and so on.
> I also changed the output file to bo.txt, co.txt and so on. Please see
> 4.JPG.
>
> 5. At the scheduled time, these Scheduled Tasks were opened and run
> themselves as expected. After a while, all windows were closed
> automatically (I also noticed the error "Permission denied" appearing in
> some windows before close). And then I checked the output files – you can
> see the result from 5.JPG – ONLY 2 commands were successful again! Other 4
> output files don't contain error information, but obviously they were
> failed.
>
> =====
> From above results, I believe this FTP Server (ftp2.de.nero.com) may allow
> only 2 sessions from the same IP address simultaneously. Therefore, I
> don't think this issue is related to Windows Firewall, but may be caused by

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> different network environment or FTP Server. I recommend that you do the
> following tests for further troubleshooting:
>
> 1. Perform the multiple FTP commands test on a different network
> environment with enabled and disabled Windows Firewall.
>
> 2. Create a FTP Server by yourself, and make its setting to allow multiple
> sessions from one user at the same time. Then try this issue using your
> own FTP Server.
>
> BTW: I cannot find anything useful in my pfirewall.log file, either.
>
> Hope this helps!
>
> Have a nice day!
>
> Sincerely,
>
> Tom Che
>
> Microsoft Online Partner Support
> Get Secure! – www.microsoft.com/security
> =====
> When responding to posts, please "Reply to Group" via your newsreader so
> that others may learn and benefit from your issue.
> =====
> This posting is provided "AS IS" with no warranties, and confers no rights.
>
> -----
>>From: "a ms user" <1@xxxx>
>>References: <e#EUYCSaFHA.796@xxxxxxxxxxxxxxxxxxxxxx>
>><55afd3663f84728f1e16e7b279ce9a09@xxxxxxxxxxxxxx>
>><Zm9lJnnaFHA.3336@xxxxxxxxxxxxxxxxxxxxxx>
>><eT2IcLraFHA.3272@xxxxxxxxxxxxxxxxxxxxxx>
>>Subject: Re: Problem about Window Xp SP2 firewall and the buildin FTP
> command
>>Date: Tue, 7 Jun 2005 00:27:22 +0800
>>Lines: 167
>>X-Priority: 3
>>X-MSMail-Priority: Normal
>>X-Newsreader: Microsoft Outlook Express 6.00.2800.1478
>>X-MimeOLE: Produced By Microsoft MimeOLE V6.00.2800.1478
>>Message-ID: <uzfXdSraFHA.2124@xxxxxxxxxxxxxxxxxxxxxx>
>>Newsgroups: microsoft.public.windowsxp.general
>>NNTP-Posting-Host: 221.124.167.215
>>Path: TK2MSFTNGXA01.phx.gbl!TK2MSFTNGP08.phx.gbl!TK2MSFTNGP14.phx.gbl
>>Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.windowsxp.general:402810
>>X-Tomcat-NG: microsoft.public.windowsxp.general
>>
>>sorry make a mistake about the interpretation of message PORT
>>192,168,11,1,1,252

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>>actually i don't know if the port stand for 1252 or 508 --> 1 1111 1100
>>(binary) or 64513 --> 1111 1100 0000 0011
>>but no matter which intrepretation, do not exist in the firewall log (i
>>setup to log successful connection)
>>thanks
>>"a ms user" <1@xxxx> !b¶!¥ó news:eT2IcLraFHA.3272@xxxxxxxxxxxxxxxxxxxxxx
> ¶¼¶
>>¼g...
>>> Dear Tom,
>>> Thanks for your reply.
>>> ***IN order to reproduce the error, you should press the ENTER key
>>very
>>> FAST!!! ***
>>> I'm now at home without XP SP2, so can't modify the tcpnumconnections
>>or
>>> try netsh....
>>> i will try them tomorrow at office.
>>>
>>> Some ans. for your points:
>>> 1. Up to now, i try many times, this situation only occur when
>>firewall
>>> is on.
>>> 2. I think this issue should happen on other computers, as i can
>>> reproduce this error on 3 other XP SP2 workstations.
>>> (2 desktops, 1 notebook)
>>> 3. Haven't try third party FTP software. But ever try using window's
>>> file explorer to down many files at the same time, no
>>> problem occur!!!!
>>>
>>> Today, in office, i run the ftp command in debug mode (issue command
>>> debug), after issue a get command,
>>> i compare the message PORT IP_address,port(e.g. PORT 192,168,11,1,1,252)
>>and
>>> the pfirewall.log (locate at
>>> c:\windows) that no connection to such port (1252?) is established,
>>instead
>>> many ports larger 5000, are used for
>>> data transfer.....do the firewall do some port-forwarding activities?
>>>
>>> BTW, today, i write a simple ftp program (using function
>>> FTPgetfileA,in
>>> wininet.dll, to get files), the problem
>>> occur too..
>>>
>>> Don't know if this problem cause by firewall or limit of tcp
>>connection
>>> ..
>>> PS: i check the event log that no event of event id 4226 (generated
>>when
>>> exceed 10 simantenuous
>>> outgoing connection).

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>>>>
>>>> 3. Have you tried to use third-party FTP application to do a same test?
>>>>
>>>> Have a nice day!
>>>>
>>>> Sincerely,
>>>>
>>>> Tom Che
>>>>
>>>> Microsoft Online Partner Support
>>>> Get Secure! – www.microsoft.com/security
>>>> =====
>>>> When responding to posts, please "Reply to Group" via your newsreader
> so
>>>> that others may learn and benefit from your issue.
>>>> =====
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>>>> rights.
>>>>
>>>> -----
>>>>> Message-ID: <55afd3663f84728f1e16e7b279ce9a09@xxxxxxxxxxxx>
>>>>> Date: Sat, 04 Jun 2005 16:50:00 GMT
>>>>> From: "Detlev Dreyer" <dettreyer@xxxxxxxxxxxx>
>>>>> Organization: Not responsible
>>>>> Subject: Re: Problem about Window Xp SP2 firewall and the buildin FTP
>>>>> command
>>>>> References: <e#EUYCSaFHA.796@xxxxxxxxxxxxxxxxxxxx>
>>>>> X-Comment: MS-MVP Germany
>>>>> X-Importance: Normal
>>>>> X-Priority: 3
>>>>> Content-Type: text/plain; charset=ISO-8859-1
>>>>> Content-Transfer-Encoding: 8bit
>>>>> Lines: 17
>>>>> Newsgroups: microsoft.public.windowsxp.general
>>>>> NNTP-Posting-Host: ACB1D506.ipt.aol.com 172.177.213.6
>>>>> Path: TK2MSFTNGXA01.phx.gbl!TK2MSFTNGP08.phx.gbl!TK2MSFTNGP15.phx.gbl
>>>>> Xref: TK2MSFTNGXA01.phx.gbl microsoft.public.windowsxp.general:401625
>>>>> X-Tomcat-NG: microsoft.public.windowsxp.general
>>>>>
>>>>>> "msnews.microsoft.com" wrote:
>>>>>>
>>>>>>> Is it that the buildin firewall can't handle too many connection at
>>>>>>> the
>>>>>>> same time?
>>>>>>>
>>>>>>> Not really.
>>>>>>>
>>>>>>>
>>>>>>> <http://www.microsoft.com/technet/prodtechnol/winxppro/maintain/sp2netwk.ms>
> p
>>>>> x#EIAA

