

Re: Extremely abnormal behaviour: ftp client does show a file list in a folder occasionally

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*Source:*

<http://www.tech-archive.net/Archive/Internet-Server/microsoft.public.inetserver.iis.ftp/2007-03/msg00024.html>

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- *From:* "kevin" <[ocean\\_chen@xxxxxxxxxxxxx](mailto:ocean_chen@xxxxxxxxxxxxx)>
  - *Date:* 1 Mar 2007 19:05:46 -0800
- 

Many thanks, Bernard. Yes, the first part on /images/gif89a was indeed from ftp client and its folder auto searching. OK, say bye bye to this confusion.

I have tried ftp.exe, info as shown below –

```
331 Password required for Administrator.
Password:
230 User Administrator logged in.
ftp> binary
200 Type set to I.
ftp> pwd
257 "/" is current directory.
ftp> dir
200 PORT command successful.
150 Opening ASCII mode data connection for /bin/ls.
-----?
Aborting any active data connections...
425 Can't open data connection.
ftp> cd tmp1
250 CWD command successful.
ftp> pwd
257 "/tmp1" is current directory.
ftp> dir
200 PORT command successful.
150 Opening ASCII mode data connection for /bin/ls.
-----?
```

It hangs there unless you forcibly discontinue it! Then I searched the web about this and found your previous contributions – it is about DOS FTP Active mode. I just do not know how to set Passive mode for the DOS FTP. I tried to test this mode swap in WS\_FTP – indeed, if I select Active mode, the client produces the same hanging.

We do use Firewalls on both Server and all client XP machines within the company. I note that all ftp clients used – including ftp.exe, WS\_FTP and SmartFTP – are put in Firewall exceptions.

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The most odd thing is that the Server is just sensitive to some files being uploaded. If I rename "Lucy\_photo.jpg" to "Lucy\_photo1.jpg" or "Lucy1\_photo.jpg" within the "tmp1" folder, both Ws\_FTP and SmartFTP can show the file list very quickly, no problem. If I change the new file name back to "Lucy\_photo.jpg", the problem re-occurs – both WS\_FTP and SmartFTP CANNOT show the file list of this "tmp1" folder. I also note that the problem is not really totally related to this file "Lucy\_photo.jpg", as if it is within the "tmp1" folder, just only a partial list of files can be shown (e.g., in SmartFTP).

Is it possible that this is to do with some net filtering solutions implemented within the larger company network?

Below I am forwarding two WS\_FTP log files – the first one with the "Lucy\_photo.jpg" deleted in the "tmp1" folder, while the second was re-added. As soon as it is added, the ftp client cannot show file list!!! Both logs file show first login as Administrator, and then move to the folder "tmp" to test – no problem with this folder; back to the root directory, then trying to open the troubling folder "tmp1" – at this point two log files start to show difference.

```
=====
1st log – works OK

WINSOCK.DLL: WinSock 2.0
WS_FTP LE 5.08 2000.01.13, Copyright © 1992–2000 Ipswitch, Inc.
--
connecting to xxx.xxx.xx.xx:21
Connected to xxx.xxx.xx.xx port 21
220 Microsoft FTP Service
USER Administrator
331 Password required for Administrator.
PASS (hidden)
230 User Administrator logged in.
PWD
257 "/" is current directory.
Host type (I): Microsoft NT
PASV
227 Entering Passive Mode (xxx,xxx,xx,xx,19,140).
connecting to xxx.xxx.xx.xx:5004
--
connecting to xxx.xxx.xx.xx:5004
Connected to xxx.xxx.xx.xx port 5004
LIST
125 Data connection already open; Transfer starting.
Received 5202 bytes in 0.1 secs, (500.00 Kbps), transfer succeeded
226 Transfer complete.
CWD tmp
250 CWD command successful.
PWD
```

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```
257 "/tmp" is current directory.
PASV
227 Entering Passive Mode (xxx,xxx,xx,xx,19,141).
connecting to xxx.xxx.xx.xx:5005
--
connecting to xxx.xxx.xx.xx:5005
Connected to xxx.xxx.xx.xx port 5005
LIST
125 Data connection already open; Transfer starting.
Received 212 bytes in 0.1 secs, (20.00 Kbps), transfer succeeded
226 Transfer complete.
CDUP
250 CWD command successful.
PWD
257 "/" is current directory.
CWD tmp1
250 CWD command successful.
PWD
257 "/tmp1" is current directory.
PASV
227 Entering Passive Mode (xxx,xxx,xx,xx,19,147).
connecting to xxx.xxx.xx.xx:5011
--
connecting to xxx.xxx.xx.xx:5011
Connected to xxx.xxx.xx.xx port 5011
LIST
125 Data connection already open; Transfer starting.
Received 4284 bytes in 0.1 secs, (410.00 Kbps), transfer succeeded
226 Transfer complete.
```

=====  
2st log – problem appeared in the last line

```
WINSOCK.DLL: WinSock 2.0
WS_FTP LE 5.08 2000.01.13, Copyright © 1992–2000 Ipswitch, Inc.
--
connecting to xxx.xxx.xx.xx:21
Connected to xxx.xxx.xx.xx port 21
220 Microsoft FTP Service
USER Administrator
331 Password required for Administrator.
PASS (hidden)
230 User Administrator logged in.
PWD
257 "/" is current directory.
Host type (I): Microsoft NT
PASV
227 Entering Passive Mode (xxx,xxx,xx,xx,19,144).
connecting to xxx.xxx.xx.xx:5008
```

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--  
connecting to xxx.xxx.xx.xx:5008  
Connected to xxx.xxx.xx.xx port 5008  
LIST  
125 Data connection already open; Transfer starting.  
Received 5202 bytes in 0.1 secs, (500.00 Kbps), transfer succeeded  
226 Transfer complete.  
CWD tmp  
250 CWD command successful.  
PWD  
257 "/tmp" is current directory.  
PASV  
227 Entering Passive Mode (xxx,xxx,xx,xx,19,145).  
connecting to xxx.xxx.xx.xx:5009

--  
connecting to xxx.xxx.xx.xx:5009  
Connected to xxx.xxx.xx.xx port 5009  
LIST  
125 Data connection already open; Transfer starting.  
Received 212 bytes in 0.1 secs, (20.00 Kbps), transfer succeeded  
226 Transfer complete.  
CDUP  
250 CWD command successful.  
PWD  
257 "/" is current directory.  
CWD tmp1  
250 CWD command successful.  
PWD  
257 "/tmp1" is current directory.  
PASV  
227 Entering Passive Mode (xxx,xxx,xx,xx,19,146).  
connecting to xxx.xxx.xx.xx:5010

--  
connecting to xxx.xxx.xx.xx:5010  
Connected to xxx.xxx.xx.xx port 5010  
LIST  
125 Data connection already open; Transfer  
starting.  
-----

WS\_FTP is hanging there now, and cannot display the FULL file list  
again!

THANK YOU.

On Mar 1, 6:37 pm, "Bernard Cheah [MVP]"

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<qbern...@xxxxxxxxxxxxxxxxxxxxxx> wrote:

Funny... it could be from the ftp client itself auto navigating to the folder  
CWD /images/gif89a

have you try plain simple ftp.exe to connect and check the behavior ?

after upload do a dir listing.

—

Regards,

Bernard

Cheah<http://www.iis.net/http://www.iis-resources.com/http://msmyps.com/blogs/bernard/>