

Re: FTP from AIX to Win Issue – Intermittent Connection Abort

Source: <http://unix.derkeiler.com/Mailing-Lists/AIX-L/2005-07/0277.html>

From: Green, Simon (*Simon.Green_at_EU.ALTRIA.COM*)

Date: 07/29/05

Date: Fri, 29 Jul 2005 12:16:32 +0200
To: aix-l@Princeton.EDU

If that does prove to be the problem, (I'm not suggesting it is or isn't), there are some network options in AIX that can help: I think I posted something about that last year.

The parameters were "tcp_nodelayack" and "tcp_finwait2". I changed "tcp_nodelayack" to 1 (default 0) and "tcp_finwait2" from the default of 1200 to 120. (That's in half-seconds, I think, so the default was 10 minutes and I cut it to 1 minute.)

However, check that's really the problem before messing with it.

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Simon Green

Altria ITSC Europe s.a.r.l.

AIX-L Archive at <https://new-lists.princeton.edu/listserv/aix-l.html>

New to AIX? <http://publib-b.boulder.ibm.com/redbooks.nsf/portals/UNIX>

N.B. Unsolicited email from vendors will not be appreciated.

Please post all follow-ups to the list.

-----Original Message-----

From: IBM AIX Discussion List [mailto:aix-l@Princeton.EDU] On Behalf Of Thomas Rupp

Sent: 29 July 2005 07:52

To: aix-l@Princeton.EDU

Subject: AW: FTP from AIX to Win Issue – Intermittent Connection Abort

Hi Alexandre,

I once had a similar problem with sending files from our IBM mainframe (VM) to AIX.

Ours was caused by TCP/IP keeping too many connections open till all possible connections were exhausted.

Have a look at netstat -a (or something similar) and count the number of connections in state "CLOSE WAIT".

If I remember correctly this connections wait about 5 minute before they are closed.

I think we solved the problem by reducing the wait time.