

FCoE Corollary to MD's Disappearing DJ Problem

**For reasons which will become obvious, no authors have
been willing to claim paternity of this presentation.**

1 April 2009 — 09-199v0

Abstract

Concerns have been raised that various link statistics *disappear* when an FCoE Virtual Link experiences a LOGO.

A solution is suggested for this conundrum.

The RLS ELS

A Timeless Solution

Retrieve Lost Statistics ELS Payload

Bits Word	31 .. 24	23 .. 16	15 .. 08	07 .. 01
0	RLS (0Fh)	00h Requested Statistic	00h	00h
1	Reserved	N_Port_ID		

★ ELS_Command Code

- ✚ 0Fh is suggested for compatibility with current RLS mnemonic
- ✘ Other choices were considered and rejected (see next slide)

Rejected ELS_Command Code Suggestions

Code	Reason
4Fh	This is patently insane.
BSh	Although possibly appropriate, Madam Sylvia[†] has reported that Bob Snively turned over in his grave upon hearing this.
K9h	The dog refused to leave the TARDIS.
GQh	This proposal cannot be dressed up that much.
C3P0h	Requires LZ code compression
XXh	Larry Flint Enterprises refused to release

[†] Palm readings, tarot cards, séances

Requested Statistic

Code Assignments w/ LESB in LS_ACC

Code‡	Description
00 0000h	See Read Link Error Status Block (RLS) in FC-LS-2.★
00 0001h	LESB for most recent link with specified N_Port_ID.
00 0002h	LESB for a link that might have had the specified N_Port_ID.

‡ Codes not mentioned in this proposal are Reserved.

★ In keeping with the bull-in-a-china-shop nature of this proposal, consideration was given to using this code for another purpose, but this small nod to backward compatibility won out.

Requested Statistic

Code Assignments w/ LESB in LS_ACC

Code‡	Description
00 0007h	Thin Elvis LESB.
00 0008h	Fat Elvis LESB.
00 0009h	Elvis sighting latitude.
00 000Ah	Elvis sighting longitude.
00 000Bh	Elvis declination.
00 000Ch	Elvis right ascension.
00 000Dh	Elvis light years from Earth.

‡ Codes not mentioned in this proposal may be found at Graceland.

Requested Statistic

Code Assignments that return an LS_ACC Parameter

Code‡	Description
00 0101h	Number of attendees at first FC-BB Ad Hoc
00 0102h	Number of installations that use Autonomous Regions
00 0103h	Number of minutes PDF files posted by Bob Nixon
00 0104h	Number of times Landon Noll seconded a motion to adjourn an FC-BB-5 meeting
FF FFFEh	Number of opposing positions held by any FC-BB-5 member during a single Ad Hoc

‡ Codes not mentioned in this proposal have fled to an offshore tax haven.

Requested Statistic

Code Assignments that return an LS_ACC Parameter

Code[‡]	Description
00 0105h	Number of times Silvano Gai leapt to his feet to passionately promote a proposition
00 010Fh	Number of times John Hufferd objected to one of Silvano's ardent articulations
00 0106h	Number of boxes in a typical Claudio DeSanti FCoE Model diagram
00 0107h	Number of Claudio DeSanti Model boxes after Bob Nixon defined FC-2V
00 010Eh	Edits made to 00 0106h and 00 0107h

[‡] Codes not mentioned in this proposal may be the property of AIG.

Requested Statistic

Code Assignments that return an LS_ACC Parameter

Code[‡]	Description[§]
FF 8001h	Number of guests at Marie Antoinette's wedding
FF 8002h	Number of lovers taken by Catherine the Great
FF 8003h	Number of lab engineers tasked to <i>pre-qualify</i> Asps for Cleopatra
FF 8004h	Number of Asp-Tester volunteers who failed to read the job description carefully

[‡] Codes not mentioned in this proposal are hidden in King Tut's tomb.

[§] Void where taxed or prohibited. Your mileage may vary. Not sold in stores.
Member FDIC.

N_Port_ID

A modest enhancement

To further enhance the effectiveness of the RLS ELS,
a new Well-Known Address is recommended.



FFFFFF0h — Fabric Ouija board