

Draft Minutes
T11.3 FC-FS Working Group Meeting
Sept 10, 2002 – Minneapolis, MN
9AM – 5 PM

A meeting of working group FC-FS of INCITS Technical Committee T11 Task Group T11.3 was held at Minneapolis, MN on September 10, 2002, in conjunction with the T10 Plenary Week meetings. Attendance at this meeting was 5 people from 5 companies and is tabulated at the end of this document.

Minutes were taken by John Scheible (jpscheible@aol.com)

1. Opening remarks and introductions: John Scheible

Facilitator John Scheible opened the meeting at 9:00 AM Tuesday, September 10, 2002. He thanked our host company, Cisco, and led a round of introductions. John then indicated that among the rules and policies under which this working group operates are the T11, INCITS, and ANSI patent policies. He directed persons wishing to ask questions or make statements relevant to those policies to do so at the T11.3 or T11 plenary meeting.

2. Call for changes to minutes

2.1 FS report to T11.3 - 08/08/02 02-477v0 John Scheible

No changes identified.

2.2 FS minutes - 08/06/02 02-492v0 Bob Nixon

No changes identified.

3. Approval of this agenda: 02-552v0 John Scheible

Changes identified and will become 02-552v1 (and shown in these minutes).

4. Review of old FS action items: 02-552v0 John Scheible

- 1) Roger Rose to consult with Gary Stephens on how to extend the changes proposed in 02-282v0 to class 4 and with Mike Foster or Mike Dorsett (Boeing) for class 6.
(Opened 6/11/02) Closed with 02-498v1 (withdraw 02-282v0)
- 2) Roger Rose to publish a revision to 02-282v0 to incorporate changes agreed at the FC-FS meeting on 6/11/02, and class 4 and 6 support if possible.
(Opened 6/11/02) Closed with 02-498v1
- 3) **John Scheible to propose a clarifying rewrite of 6.1 and its subsections.**
(Opened 6/11/02) Carryover
- 4) **Craig Carlson to propose a more complete resolution to Qlogic-027 than contained in the comment.** (Opened 6/11/02) Carryover
- 5) Claudio DeSanti to request from FC-SP a proposal for changes to specify a security header.
(Opened 7/16/02) Closed with 02-070v2

- 6) **Craig Carlson to prepare a proposal for text concerning Qlogic-044 to be inserted in the relevant tables. (Opened 7/16/02) Carryover**
- 7) Bob Nixon to write text changes for FC-FS to revert the REC FC-4 Link Service to an ELS (Opened 8/6/02) Closed with 02-501v0
- 8) Bob Nixon to write email to the T10 and T11.3 of the intention to revert the REC FC-4 Link Service to an ELS. (Opened 8/6/02) Closed with Email
- 9) Bill Martin to publish his proposed resolution to Qlogic-010. (Opened 8/6/02) Closed with 02-473v0
- 10) **Dave Peterson to provide resolution for Qlogic-012 (Opened 8/6/02) Carryover**
- 11) **Gary Stephens to provide resolution for FSI-011 (Opened 8/6/02) Carryover**
- 12) **Gary Stephens to provide clarification on the comment for FSI-016 (Opened 8/6/02) Carryover**
- 13) Bob Nixon to post text corrections for review in accord with the Exabyte-008 recommendation (Opened 8/6/02) Closed with 02-498v1
- 14) Mike Foster to propose clarification on proper preemption behavior in FC-FS 9.5.3.3 and FC-FS 20.1.3. (Opened 8/6/02) Closed 02-527v0
- 15) **Dave Peterson to bring the issues of Qlogic-038 to the attention of T10. (Opened 8/6/02) Carryover**
- 16) **Craig Carlson to review the list of ELSs in Qlogic-038. (Opened 8/6/02) Carryover**

5. Scheduled FS Business

5.1 Proposed Resolution - Exabyte-008 02-498v1 Bob Nixon/Scheible

Comment accepted with the following changes "Remove "or choose not to assign" in two places. John Scheible takes an action item to let Bob Nixon know the changes so a new revision can be uploaded.

5.2 Reverting REC to ELS 02-501v0 Bob Nixon/Scheible

This issue was deferred to the larger group in October due to the late comments from Bob Snively (not in attendance). It should be noted that the FS and FCP-2 group are in agreement that this change should be made.

5.3 ESP header in FC-FS 02-070v2 Claudio DeSanti

The group did a detailed analysis of the ESP writeup provided by Claudio. In general, the ESP work re-defines frame elements in such a way that the existing writeup with FS needs to be redone for ESP such that the frame figure elements is re-written and the processes of encryption, authentication generation, authentication verification, and decryption are written up in a new clause. Claudio rewrote his work and re-presented it in the afternoon. An action item was generated for Claudio to generate a new revision.

5.4 Local/Remote port definition 02-473v0 Bill Martin

Accepted (Qlogic-010) as written

5.5 Pre-emption clarification 02-527v0 Mike Foster?

Deferred until author present.

5.6 Fabric Name discussion Claudio DeSanti

There was a discussion on how to cause nodes to learn that the fabric name has changed (resets to everyone?). A configuration change could cause the fabric name to change resulting in misrouted frames. It was decided that this is not an FS issue, but instead should be discussed in SW-3. FS provides some tools, SW-3 provides the protocol.

5.7 FC-FS problem compilation 02-161v6 John Scheible

Exebyte-008 – Resolved with 02-498v2

Inrange-010 - Accepted

Tivoli-048 – Open - Action item-John Scheible to ask George what he meant (what parameter/column?)

Tivoli-050 – Open - Action item-John Scheible to ask George what he meant (what parameter/column?)

Boeing-012 - Accepted

Boeing-014 – Accepted (except remove “supported as”)

Boeing-015 - Accepted

Brocade-007 - Accepted

Brocade-008 – Open-Action item-John Scheible to ask why making this major change?

Tivoli-055 - Accepted

Brocade-009 – Rejected, fix is not correct

Andiamo-056 – Accepted-remove a) and b) and leading and following sentences

Andiamo-057 – Open – Action Item: Craig Carlson to ask SW people what “first” means

Boeing-016 – Reject-fine as is

Andiamo-058 – Accepted

Andiamo-061 – Accepted

Tivoli-056 – Accepted

Boeing-017 – Accepted (remove note)

Andiamo-064 – Accepted but reworded

Andiamo-065 – Accepted

Andiamo-067 – Accepted

QLogic-051 – Open-needs bigger group discussion. Consider all FLA restrictions.

Andiamo-070 –Accepted (move to 15.1 and add pointers)

Andiamo-074 – Accepted

Andiamo-076 – Accepted but reworded

Tivoli-057 – Accepted, change “will resolve” to “resolves”.

Andiamo-084 – Accepted but reworded

Andiamo-086 – Accepted, add “(implicit or explicit)”

Andiamo-088 – Accepted but reworded

6. Late comments for T11.3 next month (will not cover)

6.1 Late-Domain Controller addr wrong 02-514v0 Bob Nixon

This item was not covered, and instead acts a a list of approval requests for the next T11.3 plenary.

7. Review of FS action items (see minutes)

- 1) **John Scheible to propose a clarifying rewrite of 6.1 and its subsections.**
(Opened 6/11/02) Carryover
- 2) **Craig Carlson to propose a more complete resolution to Qlogic-027 than contained in the comment.** (Opened 6/11/02) Carryover
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- 7) **Dave Peterson to bring the issues of Qlogic-038 to the attention of T10.**
(Opened 8/6/02) Carryover
- 8) **Craig Carlson to review the list of ELSs in Qlogic-038.**
(Opened 8/6/02) Carryover
- 9) **John Scheible takes and action item to let Bob Nixon know the changes so a new revision of 02-498v1 can be uploaded.** (Opened 9/10/02) Closed with email 9/13/02
- 10) **Bob Nixon to update and upload 02-498v2** (Opened 9/10/02)
- 11) **Claudio DeSanti to update 02-070v2 to reflect the comments railed during the 9/10 WG meeting.** (Opened 9/10/02)
- 12) **John Scheible to ask for clarification on Tivoli-048, Tivoli-050 (what parameters, what columns?)** (opened 9/10/02) Closed with e-mail on 9/13/02
- 13) **John Scheible to ask for justification for the big change requested by Brocade-008** (opened 09/10/02) Closed with e-mail 9/13/02
- 14) **Craig Carlson to request feedback from SW group on meaning of “first” in Andiamo-057** (opened 9/10/02)

8. Future meeting plans

At the last T11 plenary, FS requested...

- Request as much time as possible at the October T11 plenary week.
- Request 8 hours at the November T10 plenary week.

9. Adjournment

The meeting was adjourned at 4:45 pm to meet other commitments at 5 PM.

10. Attendance

Company Represented	Last name	First name	E-Mail
Andiamo Systems	DeSanti	Claudio	cds@andiamo.com
Cisco Systems	Peterson	David	dap@cisco.com
IBM	Scheible	John	Jpscheible@aol.com
Nishan	Monia	Charles	Cmonia@nishansystems.com
Qlogic	Carlson	Craig	craig.carlson@qlogic.com