

Draft Minutes

T11.3 FC-NVMe study group regular meeting

June 2, 2014 - 4:00 PM to 6:00 PM EST

Philadelphia, PA

The FC-NVMe Study Group of the Fibre Channel Protocol (T11.3) Task Group held a regular meeting in Philadelphia, PA on June 2, 2014, hosted by the FCIA. Attendance is tabulated at the end of this document.

Minutes were taken by David Peterson (Brocade) (david.peterson@brocade.com). Please report any corrections by email to the T11.3 reflector at t11_3@mail.t11.org.

1 Opening remarks

1.1 Introductions

Chairperson David Peterson (Brocade) opened the regular meeting on Monday June 2, 2014 at 4:00PM EST. He thanked our host organization, the FCIA, and led a round of introductions.

2 Meeting Policy

2.1 Attendance and Membership

The chair explained that attendance is recorded electronically at www.t11.org/att, and explained the procedure. Attendance at this meeting does not count toward attendance at the plenaries of T11 and its task groups (i.e., being here will not get you out or keep you out of membership jeopardy).

The chair stated that all persons present are considered members of this meeting and may vote on questions, limited to one vote per company present. He advised that although T11 does not limit participation in the activities of its work groups to representatives of T11 member organizations, it requires nonmembers to identify themselves as such. Nonmembers that expect they may participate in the activities of T11 regularly were encouraged to become members.

No person identified himself as a member of an organization that is not a member of T11.

2.2 Patents

The chair indicated that among the rules and policies under which this working group operates are the ANSI intellectual property policies as specified in pages 1-3 of http://www.incits.org/pat_slides.pdf. He displayed these pages without comment or explanation, and directed that questions about the policy should be referred to the questioner's legal counsel or the ANSI General Counsel.

2.3 Antitrust

The chair indicated that among the rules and policies under which this working group operates are the INCITS Antitrust Guidelines. Any member of the meeting is responsible for objecting if he believes discussion in the meeting violates those guidelines. As examples, there should never be discussion of the following topics at any INCITS or INCITS subgroup meeting:

- Any company's prices or pricing policies;
- Specific R&D, sales and marketing plans;
- Any company's confidential product, product development or production strategies;
- Whether certain suppliers or customers will be served;
- Prices paid to input sources; or
- Complaints about individual firms or other actions that might tend to hinder a competitor in any market.

If such discussion is not immediately terminated, it is the chairperson's responsibility to terminate the meeting. The INCITS Antitrust Guidelines are available at <http://www.incits.org/inatrust.htm>.

3 Administrivia

3.1 Approval of Agenda

David Peterson (Brocade) moved and Lou Ricci (EMC) seconded to accept T11/14-199v0 as the agenda for this regular meeting. Approved unanimously.

3.2 Review of Minutes

This is the first meeting thus no minutes to review.

4 Review of Old Action Items

No action items.

5 Old Business

6 Scheduled Business

6.1 FC-NVMe project (no doc) Deming (Solution Tech)

Dave spoke on what is needed to map NVMe to FC.

6.2 FC-NVMe: Commencement (14-200v0) Peterson (Brocade)

Dave presented a slide on what items need to be addressed or included at the (V)N_Port<->(V)F_Port, -(V)N_Port interfaces. Goal is to develop a low latency transport for NVMe over FC. General agreement for a new FC-4 Type. Slides will be revised for August meeting.

7 Unscheduled Business

8 Project Schedule

Milestone	Expected date
Last Technical Input	TBD
T11 letter Ballot	June 2015
Forward to INCITS	TBD

9 Review of New Action Items

None

10 Meeting Schedule

Request 2 hours at the next T11 plenary week in Anchorage, AK.

11 Adjournment

Siamack Ayandeh (HP) moved and Mark Wunderlich (Intel) seconded to adjourn at 5:00pm. Approved unanimously.

12 Attendance

David Peterson	Brocade
John Crandall	Brocade
Steve Wilson	Brocade
Claudio DeSanti	Cisco
Joseph White	Dell
Lou Ricci	EMC
Gautam Shiroor	Emulex
Hao Chen	FutureWei
Wei Song	FutureWei
Siamack Ayandeh	HP
Barry Maskas	HP
Patty Driever	IBM
Roger Hathorn	IBM
Mark Wunderlich	Intel
Jason Rousch	JDSU
Fred Knight	NetApp
Craig Carlson	Qlogic
Raul Oteyza	Qlogic
Bruce Klemin	Qlogic
David Deming	SolutionTech
Tim Sheehan	UNI-IOL