

Accredited Standards Committee*
InterNational Committee for Information Technology Standards (INCITS)

Doc. No.: T10/08-060r0

Date: January 15, 2008

Reply to: John Lohmeyer

To: T10 Membership
From: John Lohmeyer and Mark Overby
Subject: SAT Working Group Meeting -- January 15, 2008
Santa Ana, CA

Agenda

1. Opening Remarks
2. Approval of Agenda
3. Attendance and Membership
4. Old Business
 - 4.1 SAT-2: Work Items and Open Issues List (08-023) [Overby]
 - 4.2 SAT-2 On disk data format (07-242) [Elliott]
 - 4.3 SAT-2: Translation of zero-length security protocol commands (07-325) [Overby]
 - 4.4 SPC-4, SAT-2, Proposal to add the ATA device password security feature (06-070) [Stevens]
 - 4.5 SAT-2 Additional power management methods (07-485) [Knight]
 - 4.6 SAT-2: Non-volatile cache translation (08-018) [Overby]
 - 4.7 SAT-2 WRITE BUFFER MODE 7 to DOWNLOAD MICROCODE Mode 3 (08-019) [Wolford]
 - 4.8 SAT-2 START STOP UNIT to STANDYBY IMMEDIATE (08-020) [Wolford]
5. New Business
6. Review of SAT-2 working draft [Overby]
7. Review of Recommendations
8. Meeting Schedule
9. Adjournment

Results of Meeting

1. Opening Remarks

John Lohmeyer called the meeting to order at 9:00 a.m. Tuesday, January 15, 2008. He thanked Curtis Stevens of Western Digital for hosting the meeting. As usual, the people present introduced themselves.

2. Approval of Agenda

The draft agenda was approved with no changes.

No additions and changes were made during the course of the meeting.

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3. Attendance and Membership

Attendance at working group meetings does not count toward minimum attendance requirements for T10 membership. Working group meetings are open to any person or organization directly and materially affected by T10's scope of work. The following people attended the meeting:

Name	S	Organization
Mr. Kevin Marks	P	Dell, Inc.
Mr. William Martin	P	Emulex
Mr. Ralph O. Weber	P	ENDL Texas
Mr. Jeff Wolford	A	Hewlett Packard Co.
Mr. Dan Colegrove	P	Hitachi Global Storage Tech.
Mr. George O. Penokie	V	Independent
Mr. John Geldman	P	Lexar Media, Inc.
Mr. Brad Besmer	A	LSI Corp.
Mr. Dennis Kleppen	A	LSI Corp.
Mr. John Lohmeyer	P	LSI Corp.
Mr. Chris Fore	A	Network Appliance
Mr. Frederick Knight	P	Network Appliance
Mr. Mark Overby	P	Nvidia Corp.
Mr. Tim Symons	P	PMC-Sierra
Mr. Michael Rogers	A	Samsung
Mr. Gerald Houlder	P	Seagate Technology
Mr. Mark Evans	P	Western Digital
Mr. Duncan Penman	V	Western Digital
Mr. Curtis Stevens	A	Western Digital
Mr. Rich Ramos	AV	Xyratex

20 People Present

Status Key: P - Principal
 A - Alternate
 AV - Advisory Member
 E - Emeritus
 L - Liaison
 V - Visitor

4. Old Business

4.1 SAT-2: Work Items and Open Issues List (08-023) [Overby]

Mark Overby reviewed the latest work items and open issues list (08-023r0). He noted that this document previously was numbered 06-497r8. He had made a few minor changes since posting 08-023r0 and agreed to post revision 1.

Mark said that the cut-off date for proposals for SAT-2 is now March 2008. He still wants to issue the forwarding letter ballot following the July 2008 meeting.

4.2 SAT-2 On disk data format (07-242) [Elliott]

Jeff Wolford asked that this agenda item be deferred to the next meeting.

4.3 SAT-2: Translation of zero-length security protocol commands (07-325) [Overby]

Mark Overby presented 07-325r0, SAT-2: Translation of zero-length security protocol commands. The issue of not being able to translate zero-length security protocol commands was discussed. Mark said that T13 had created zero-length trusted commands as part of their letter ballot comments resolution. The group discussed the proposal and Mark agreed to revise the proposal for consideration at the February SAT working group meeting.

4.4 SPC-4, SAT-2, Proposal to add the ATA device password security feature (06-070) [Stevens]

Curtis Stevens presented SPC-4, SAT-2, Proposal to add the ATA device password security feature (06-070r3 plus additional changes). The group provided additional suggestions for the revision and Curtis agreed to post it for consideration at the next meeting.

Curtis Stevens moved and Bill Martin seconded that 08-075r0, 06-070r3 as revised, be recommended for inclusion into SAT-2. The motion passed 5:3:6.

4.5 SAT-2 Additional power management methods (07-485) [Knight]

Fred Knight presented SAT-2 Additional power management methods, 07-485r1. The group discussed the proposal and offered numerous of suggestions. Fred agreed to prepare revision 2 for the February meeting.

4.6 SAT-2: Non-volatile cache translation (08-018) [Overby]

Due to the late hour, Mark Overby asked that the agenda item be deferred until the next meeting.

4.7 SAT-2 WRITE BUFFER MODE 7 to DOWNLOAD MICROCODE Mode 3 (08-019) [Wolford]

Due to the late hour, Jeff Wolford asked that the agenda item be deferred until the next meeting.

4.8 SAT-2 START STOP UNIT to STANDBY IMMEDIATE (08-020) [Wolford]

Due to the late hour, Jeff Wolford asked that the agenda item be deferred until the next meeting.

5. New Business

6. Review of SAT-2 working draft [Overby]

Mark Overby asked that this item be deferred until the next meeting noting that he has not posted a new revision of SAT-2 since July.

7. Review of Recommendations

The following documents were recommended for inclusion into SAT-2:

08-016r1 (SAT-2 Add translation for Block Characteristics VPD Page) [Besmer] {December 10th meeting}
08-075r0 (SPC-4, SAT-2, Proposal to add the ATA device password security feature) [Stevens]

8. Meeting Schedule

Face-to-face SAT-2 working group meetings are scheduled for:

Friday, February 22, 2008 in Foothill Ranch, CA from 9:00 a.m. until 2:00 p.m. during T13 week.
Tuesday, March 11, 2008 in Raleigh, NC from 9:00 a.m. until 2:30 p.m. during T10 week.
Friday, April 25, 2008 in Las Vegas, NV from 9:00 a.m. until 2:00 p.m. during T13 week.

SAT-2 teleconference calls may be announced on the T10 reflector as needed.

9. Adjournment

The meeting was adjourned at 12:09 p.m. on Tuesday January 15, 2008.