

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

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Reply to: John Lohmeyer

To: T10 Membership
From: Mark Overby and John Lohmeyer
Subject: SAT Working Group Meeting -- July 10, 2007
Colorado Springs, CO

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 (06-497) [Overby]
 - 4.2 SAT-2 WRITE LONG to WRITE UNCORRECTABLE EXT (07-200) [Elliott and Wolford]
 - 4.3 SAT2 Translation of large block sizes (07-201) [Hatfield and Elliott]
 - 4.4 SAT-2 On disk data format (07-242) [Elliott]
5. New Business
 - 5.1 SAT-2 Error Translation mapping for ATA IDNF (07-298) [Wolford]
 - 5.2 SAT-2: Translation of zero-length security protocol commands (07-325) [Overby]
 - 5.3 SPC-4: Device Server Password Security (06-070) [Stevens]
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 9:05 a.m. Tuesday, July 10, 2007. He thanked LSI for hosting the meeting. As usual, the people present introduced themselves.

2. Approval of Agenda

The draft agenda was approved with the following addition:

- 5.3 SPC-4: Device Server Password Security (06-070) [Stevens]

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. Chris Fore	P	Adaptec, Inc.
Mr. Kevin Marks	P	Dell, Inc.
Mr. Ralph O. Weber	P	ENDL Texas
Mr. Rob Elliott	P	Hewlett Packard Co.
Mr. Jeff Wolford	V	Hewlett Packard Co.
Mr. Dan Colegrove	P	Hitachi Global Storage Tech.
Mr. Brad Besmer	V	LSI Corp.
Mr. Steve Johnson	V	LSI Corp.
Mr. John Lohmeyer	P	LSI Corp.
Mr. Travis Veldkamp	V	LSI Corp.
Mr. Mark Overby	P	Nvidia Corp.
Mr. Tim Symons	P	PMC-Sierra
Mr. Michael Rogers	A	Samsung
Mr. Jim Hatfield	V	Seagate Technology
Mr. Jim Scott	P	Vitesse Semiconductor
Mr. Mark Evans	P	Western Digital
Mr. Curtis Stevens	A	Western Digital

17 People Present

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

4. Old Business

4.1 SAT-2: Work Items and Open Issues List (06-497) [Overby]

Mark Overby reviewed revision 6 of the work items and open issues list. The group made revisions to the list. Mark agreed to post revision 7 of the issues list.

4.2 SAT-2 WRITE LONG to WRITE UNCORRECTABLE EXT (07-200) [Elliott and Wolford]

Jeff Wolford presented 07-200r1, SAT-2 WRITE LONG to WRITE UNCORRECTABLE EXT. He reviewed the changes made since revision 0. The group decided to wait on the CAP WG to decide what to do about multiple logical block translation with Pblock set.

4.3 SAT2 Translation of large block sizes (07-201) [Hatfield and Elliott]

Jim Hatfield presented 07-201r1, SAT2 Translation of large physical blocks. The group provided a number of suggestions and he agreed to prepare revision 2.

Curtis Stevens moved that 07-201r2, r1 as revised, be recommended for inclusion in SAT-2. Jim Hatfield seconded the motion. In the absence of objections, the motion passed unanimously.

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

Jeff Wolford noted that there have been no updates since last time on 07-242r0, SAT-2 On disk data format. (Also see agenda item 5.1).

5. New Business

5.1 SAT-2 Error Translation mapping for ATA IDNF (07-298) [Wolford]

Jeff Wolford presented 07-298r0, SAT-2 Error Translation mapping for ATA IDNF.

Jeff Wolford moved that 07-298r0 be recommended for inclusion in SAT-2. Ralph Weber seconded the motion. In the absence of objections, the motion passed unanimously.

5.2 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 agreed to make revisions based on what T13 decides to do with zero-length trusted commands.

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

Curtis Stevens presented 06-070r2, SPC-4, SAT-2, Proposal to add the ATA device password security feature. He noted that this document is also on the CAP working group agenda, but he prefers to discuss it in the SAT meeting. The group gave Curtis a number of suggestions and he agreed to prepare revision 3 for consideration at the next meeting.

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

Mark Overby asked people to review the changes he made in SAT-2 revision 1.

7. Review of Recommendations

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

For inclusion in SAT-2:

07-298r0 (SAT-2 Error Translation mapping for ATA IDNF) [Wolford]

07-201r2 (SAT2 Translation of large block sizes) [Hatfield and Elliott]

8. Meeting Schedule

SAT Working Group meetings are scheduled for:

Monday, August 20, 2007 in Longmont, CO from 9:00 a.m. until 6:00 p.m. Jim Hatfield will host the meeting at the Seagate site. Jim will post an announcement.

SAT will not meet with T10 during the September 2007 meeting week.

There will be a SAT teleconference call on Wednesday October 17, 2007 1:00 p.m. - 4:00 p.m. PDT hosted by Mark Overby.

Other teleconference calls will be announced on the T10 reflector as needed.

9. Adjournment

The meeting was adjourned at 12:20 p.m. on Tuesday July 10, 2007.