

Minutes Sept 2007 SSC-3 (07-495r0)

Date: Nov 06, 2007

Time: 10:15 am-6:00 pm

Location: Las Vegas, NV

## Agenda

### 1. Opening remarks and introductions

Dave Peterson thanked Hitachi GST for hosting.

### Attendance

SSC-3 Working Group Attendance Report - November 2007

Name	S	Organization
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Mr. Noud Snelder	V	BDT
Mr. David Peterson	P	Brocade
Mr. Robert H. Nixon	A	Emulex
Mr. Ralph O. Weber	P	ENDL Texas
Mr. Michael Banther	A	Hewlett Packard Co.
Mr. Christopher Williams	V	Hewlett Packard Co.
Mr. Kevin Butt	P	IBM Corp.
Mr. Matthew Ball	V	M.V. Ball Technical Consulting, Inc.
Mr. Geoffrey Barton	V	Overland Storage
Dr. Paul Suhler	P	Quantum Corp.
Mr. Rod Wideman	A	Quantum Corp.
Mr. Paul Stone	V	Quantum Corporation
Mr. Erich Oetting	P	Sun Microsystems, Inc.
Mr. Raymond Gilson	A	Symantec Corporation
Mr. Halvard Eriksen	AV	Tandberg Storage

15 People Present

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

### 2. Approval of agenda (07-488r0) [Peterson]

Dave Peterson moved that the agenda be approved as revised. Michael Banther seconded the motion. Passed unanimously.

**3. Approval of meeting minutes (07-413r0, 07-461r0, 07-466r0) [Peterson]**

Dave Peterson made a motion to approve the minutes. Kevin Butt seconded the motion. The motion passed unanimously.

**4. Review of old action items [Butt]****4.1 Dave Peterson: Bring in a White Paper on the value added with Explicit Command Set.**

Carry-Over

**4.2 Dave Peterson assign an owner for item 2.7 of 05-351r1 which is to provide a means for the library Serial Number to be reported by the Tape Drive**

Dave asked the ADI facilitator for an ADI person to take this.

Done.

**4.3 Kevin Butt Revise TapeAlert Delineation (06-138r5) and post.**

Done.

**4.4 Dave Peterson incorporate TapeAlert Delineation (06-138r6) into SSC-3**

Carry-Over

**4.5 Michael Banther revise the Requested Recovery log page (07-046r2) and post as 07-046r3.**

Done

**4.6 Dave Peterson to incorporate Requested Recovery log page (07-046r3)**

Carry-Over

**4.7 Michael Banther will provide his companies definition of medium as a selection from Section 5.1.2.**

HP's definition is synonymous with recording medium as specified in physical elements clause (4.2.2 SSC-303e).

Done

**4.8 Paul Suhler will provide his companies definition of medium as a selection from Section 5.1.2.**

Carry-Over

**4.9 Kevin Butt will provide his companies definition of medium as a selection from Section 5.1.2.**

Carry-Over

**4.10 Erich Oetting will provide his companies definition of medium as a selection from Section 5.1.2.**

Carry-Over

**4.11 Georg Boasson will provide his companies definition of medium as a selection from Section 5.1.2.**

Tandberg Storage's definition is synonymous with recording medium as specified in physical elements clause (4.2.2 SSC-303e).

Done

**4.12 Paul Suhler to provide his companies answer to "Should a device server allow host write access to MAM on a write protected volume?"**

Carry-Over

**4.13 Erich Oetting to provide his companies answer to "Should a device server allow host write access to MAM on a write protected volume?"**

Carry-Over

**4.14 Michael Banther to revise Volume model (07-409r0) and post**

Done

**4.15 Fred Knight to investigate if the version byte and the format byte from the LABEL field from Table 123 in SSC-3r03e can be removed.**

Carry-Over

**4.16 Kevin Butt to revise Protecting a partially encrypted volume (07-290r2) and post.**

Done

**4.17 Dave Peterson to incorporate Protecting a partially encrypted volume (07-290r3) into SSC-3.**

Carry-Over

**4.18 Curtis Ballard to revise and post SSC-3: Out of Band Encryption Key Management (07-361r2)**

Done

## **5. Old business**

### **5.1 General items**

#### **5.1.1 Vendor Feedback (05-351r1) [Group]**

Deferred

#### **5.1.2 MAM and write protect (07-382r1) [Banther]**

Michael went over the changes. He stressed that those companies that have outstanding Action Items to report on definition of medium had better complete the action item.

## **5.2 Security-related items**

### **5.2.1 SSC-3: Out of Band Encryption Key Management (07-361r4) [Ballard]**

Dave Peterson raised a concern about using the physical device. Dave's concern seems to be in the terminology "physical device" instead of in the concept.

Dave Peterson does not want to have phrases as definitions (i.e., 3.1.61 and 3.1.62). These should be moved into a normative clause. Curtis agreed to this change.

4.2.22.3 Table y and table y+1 are insufficient to please Dave. There is much confusion about how an SSC device uses these and how these get set. There was a lot of discussion revolving around this point and Curtis took notes in the proposal.

Many additional edits were made.

Dave Peterson noted that we need to sweep SSC for Medium vs. Volume. Brought out by looking at the Physical device.

Curtis completed the review at 5:05 PM.

Kevin Butt moves that SSC-3: Out of Band Encryption Key Management (07-361r4) as revised be incorporated into SSC-3. Curtis Ballard seconded the motion.

Paul Suhler from Quantum stated he is uncomfortable voting on this without seeing all the changes in a completed document.

Dave Peterson is concerned about the Physical Device and that it needs to be used here. Kevin commented that the physical device was in SSC-3 prior to this proposal. Dave does not like that term "Physical Device". Dave asked how this relates to data encryption on more than one LUN. Will there be multiple physical devices? Kevin said in his interpretation, each LUN would be it's own instance of an SSC device and would therefore contain a physical device. Dave asked questions of assuming you have virtual tape drives, ....

Dave called the two week rule. Dave want's to see a document with all the changes uploaded two weeks prior to the next meeting in which this will be discussed.

Curtis thinks it will take one week to post the updates.

Dave Peterson made a comment that he does not like to have votes on major proposals like this on conference calls.

## **6. New Business**

### **6.1 General items**

### **6.2 Security-related items**

## **7. Liason reports**

### **7.1 P1619.1 Status report (07-497r0) [Ball]**

go to siswg.net webpage and click on the meetings to find the meetings.

## **8. Project Status**

### **8.1 Next Meeting Requirements (Santa Ana, CA)**

Nov 29, 10:00 AM - 12:00 AM CST to discuss 07-361.

Same meeting requirements as this meeting.

### **8.2 Last Technical Input - September 2007**

### **8.3 Target date for letter ballot - January 2008**

## **9. Review of action items**

### **9.1 Old Action Items (Carried Over)**

### **9.2 New Action Items (New this meeting)**

**9.2.1 Paul Suhler assign an owner from the ADI group for item 2.7 of 05-351r1 which is to provide a means for the library Serial Number to be reported by the Tape Drive.**

**9.2.2 Curtis Ballard to revise and post SSC-3: Out of Band Encryption Key Management (07-361r4)**

## **10. Items for SSC-4**

**10.1 Add additional activation conditions to TapeAlert. See note in 05-154r3 to bring in new proposal for this additional info**

**10.2 Address the Volume model (07-409r0) proposal.**

**10.3 Address the Cleaning Model (07-219r1) proposal**

**10.4 Address the TapeAlert Cleaning Clarification (07-408r0) proposal**

## **11. Adjournment**

Dave Peterson made a motion for adjournment at 5:45 pm PDT. Seconded by Chris Williams.