T10/08-251r0: Minutes
SCSI Media Changer (SMC) Working Group
for 28 May 2008, 8:00 AM - 10:00 AM PDT

1.   Introductions   Group

Curtis Ballard called the meeting to order at 8:25 AM PDT. He thanked IBM for hosting the meeting. Kevin Butt is serving as the secretary of this meeting.

2.   Approval of the Agenda   Curtis Ballard

Curtis Ballard presented the agenda. Rod Wideman made a motion to accept the agenda. Geoff Barton seconded the motion. The group passed the motion unanimously.

3.   Attendance and Membership   Curtis Ballard

Curtis Ballard reviewed the T10 attendance rules with the group and directed prospective new members to John Lohmeyer. The attendance report appears below.

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SMC-3 Working Group Attendance Report - May 2008


            Name                        S          Organization
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Mr. Curtis Ballard                  A  Hewlett Packard Co.
Mr. Kevin Butt                      P  IBM Corp.
Mr. Geoffrey Barton                 V  Overland Storage
Mr. Rod Wideman                     A  Quantum Corp.
Mr. Noud Snelder                 V  BDT

5 People Present

Status Key:  P    -  Principal
             A    -  Alternate
             AV   -  Advisory Member
             E    -  Emeritus
             L    -  Liaison
             V    -  Visitor
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4.   INCITS Patent Policy   Curtis Ballard

Curtis Ballard pointed to the T10 website (http://www.t10.org/patpol.htm).

Curtis Ballard discussed that T10 needs to aviod discussions that might raise anti-trust issues and that we are all required to make sure they don't happen.

5.   Approval of Previous Minutes (08-142r0) (08-190r0)   Group

6.   Review of Action Items   Kevin Butt

06-044   [Roger Cummings] Solicit additional vendor-specific sense codes from library vendors per June discussion item 4.4.

> Carry-Over

07-017   [Group] Make sure the all the functionality of Read Element Status is covered by the Report Element Information command (06-272) and the Report Volume Information command and examine if an informative annex to map the RES command onto these is appropriate. [Reminder to do as final step]

       Carry-Over

07-042   [Paul Suhler] Write a proposal for the commands which the cached ready state in ADC may be used.

       Carry-Over

05Nov07-03   Erich Oetting: Determine what actions set TapeAlert flag 19h (illegal operation) and when the flag is cleared. Also what actions does it generate? - Report to Curtis Ballard

       Carry-Over

14Jan08-03   Noud snelder report to Geoff when their library sets NOT READY TO READY CHANGE, MEDIUM MAY HAVE CHANGED sense code

       Carry-Over; if comments are not received before Geoff creates the proposal any differences to the proposal will need to be argued in the meeting.

14Jan08-05   Erich Oetting report to Geoff when their library sets NOT READY TO READY CHANGE, MEDIUM MAY HAVE CHANGED sense code

       Carry-Over; if comments are not received before Geoff creates the proposal any differences to the proposal will need to be argued in the meeting.

14Jan08-08   Noud Snelder to propose meaning of LOGICAL UNIT NOT READY, OFFLINE

       Carry-Over

14Jan08-09   Curtis Ballard to propose meaning of RANDOM POSITIONING ERROR

       Carry-Over

14Jan08-10   Rod Wideman to propose meaning of INCOMPATIBLE MEDIUM INSTALLED

       Carry-Over

14Jan08-11   Kevin Butt to propose meaning of OPERATOR MEDIUM REMOVAL REQUEST

       Carry-Over

14Jan08-12   Rod Wideman to propose meaning of LOGICAL UNIT COMMUNICATION FAILURE

       Carry-Over

10Mar08-03   Noud Snelder to review use of the medium magazine error codes listed in 07-372 in their libraries and report to Kevin Butt.

       Carry-Over

05May08-01   Curtis Ballard to discuss with John Lohmeyer the issue of the SMC-3 editor not belonging to a member company.

       John Lohmeyer said not to worry about it yet.

7.   Old Business   Group

7.1   SMC-3 New ASC/ASCQs List (08-039r0)   [Wideman]

Discussion began with a review of what we covered 05 May and then started at table 4.

Need to discuss in future if I/E OPEN is sense key 5 or 2.

Table 5 discussion led to the sense key. Why is there are sense key if the intent is that these additional sense codes are intended to be returned as data inside the parameters returned in the replacement commands for RES (e.g., Report Element Information). Kevin mentioned that if they are returned as a Check Condition to a command then we don't want a sense key 4 because we don't want to send service personnel out for media (e.g., barcode) issues.

The next step is to generate proposals on these.

REMOVE FROM AGENDA.

7.2   Working List for ISV feedback (SMC/SSC/ADC/SPC) (07-131r0)   [Butt]

Defer

7.3   SMC-3 TapeAlert Enhancements (06-420r2)   [Ballard]

Defer

7.4   SMC-3: Medium Magazine Error Codes (07-372r1)   [Butt]

Defer

7.5   SMC-3, Report Element Information (08-066r3)   [Ballard]

7.6   SMC-3 Use of LOGICAL UNIT NOT READY, INITIALIZING COMMAND REQUIRED error code (08-038r1)   [Snelder]

Noud took edits to this proposal.

There was a discussion about if we make Initialize Element Status mandatory or mandatory if we support CURDATA set to zero. The working group concluded that the two were unrelated.

Noud will revise SMC-3 Use of LOGICAL UNIT NOT READY, INITIALIZING COMMAND REQUIRED error code (08-038r1) and post

7.7   SMC-3 New Tape Alert flags (08-047r1)   [Snelder]

Defer

7.8   SMC-3 Updated SPC-3 references to SPC-4   Curtis Ballard

8.   New Business   Curtis Ballard

8.1   SMC-3 Report Volume Information (08-215r0)   [Ballard]

8.2   SMC-3 Cleaning error codes (08-201r0)   [Ballard]

9.   Plans for SMC-3 call for final technical input   Curtis Ballard

People need to be thinking about when we should target wrapping up SMC-3. Project proposal suggested January 2006. Do we think a January 2009 call for final content would be appropriate.

10.   Next Meeting Requirements   Curtis Ballard

11.   Review New and Outstanding Action Items   Kevin Butt

Kevin Butt reviewed the following new action items with the group:

28May08-01   Rod to create a tracking document for proposals coming out of 08-039r0 and post.

28May08-02   Noud will revise SMC-3 Use of LOGICAL UNIT NOT READY, INITIALIZING COMMAND REQUIRED error code (08-038r1) and post

12.   Adjournment   Group

Rod Wideman made a motion for adjournment. Noud Snelder seconded the motion. The group passed the motion unanimously. Curtis Ballard adjourned the group at 09:58 PM PDT.