T10/08-367r1: Minutes
SCSI Media Changer (SMC) Working Group
for 08 Sept 2008, 9:00 AM - 3:30 PM MDT

1.   Introductions   Group

Curtis Ballard called the meeting to order at 9:12 AM MDT. He thanked LSI for hosting. Kevin Butt served as secretary.

2.   Approval of the Agenda   Curtis Ballard

Curtis Ballard presented the agenda. Rod Wideman made a motion to accept the agenda. Kevin Butt 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 - September 2008


          Name                    S            Organization
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Mr. Noud Snelder                    V  BDT
Mr. Ralph O. Weber                  P  ENDL Texas
Mr. Curtis Ballard                  A  Hewlett Packard Co.
Mr. Kevin Butt                      P  IBM Corp.
Mr. Geoffrey Barton                 V  Overland Storage
Dr. Paul Suhler                     P  Quantum Corp.
Mr. Rod Wideman                     A  Quantum Corp.
Mr. Dale LaFollette                 P  Sun Microsystems, Inc.

8 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 (http://www.incits.org/pat_slides.pdf)   Curtis Ballard

Curtis Ballard presented the patent slides and said no comments were allowed.

Curtis Ballard covered the anti-trust guidelines.

5.   Approval of Previous Minutes (08-288r1, 08-334r0, 08-335r0)   Group

Curtis pointed out that 08-335r0 needed to show that we used the new incits patent slides.

Rod pointed out a typo.

Paul Suhler made a motion to accept 08-335r0 as revised and 08-288r1 and 08-334r0. Dale LaFollette seconded the motion. The passed unanimously.

6.   Review of Action Items   Kevin Butt

Old Action Items:

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

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

>   Carry-Over

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

>   Carry-Over

14July08-01   Geoff Barton to create a proposal for the use of the NOT READY TO READY TRANSITION sense code.

>   Carry-Over

14July08-03   Curtis Ballard will revise and post 08-215r1.

>   Complete

06Aug08-01   Curtis to revise and post 08-201r1 per discussion

>   Carry-Over

06Aug08-02   Noud to incorporate 08-038r4 into SMC-3

>   Complete by SMC-3r12

20Aug08-01   Noud to revise and post SMC-3 New Tape Alert flags (08-047r2).

>   Complete

20Aug08-02   Noud to incorporate SMC-3 New Tape Alert flags (08-047r3) into SMC-3

>   Complete SMC-3r12

20Aug08-03   Rod to decide if he will change SMC-3 Use of LOGICAL UNIT COMMUNICATION FAILURE (08-271r0) to be against SPC-4.

>   Complete

20Aug08-04   Curtis to report to Noud what causes the LOGICAL UNIT NOT READY, OFFLINE error code to be reported. This needs to be in light of both ADC and SMC.

>   Carry-Over

20Aug08-05   Kevin to report to Noud what causes the LOGICAL UNIT NOT READY, OFFLINE error code to be reported. This needs to be in light of both ADC and SMC.

      Carry-Over

20Aug08-06   Rod to report to Noud what causes the LOGICAL UNIT NOT READY, OFFLINE error code to be reported. This needs to be in light of both ADC and SMC.

      Carry-Over

20Aug08-07   Geoff to report to Noud what causes the LOGICAL UNIT NOT READY, OFFLINE error code to be reported. This needs to be in light of both ADC and SMC.

      Carry-Over

7.   Old Business   Group

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

Updates were made.

AI: Kevin Butt to revise and post Working List for ISV feedback (SMC/SSC/ADC/SPC) (07-131r0)

7.2   SMC-3 Cleaning error codes (08-201r1)   [Ballard]

Defer

7.3   SMC-3 Use of INCOMPATIBLE MEDIUM INSTALLED (08-270r0)   [Wideman]

Rod Discussed 6.11.4 and why it is proposed only against medium transport element descriptor. It turns out that three other descriptors refer back to this section and only discuss the unique fields.

Rod Wideman made a motion to incorporate SMC-3 Use of INCOMPATIBLE MEDIUM INSTALLED (08-270r0) into SMC-3. Noud Snelder seconded the motion. The motion passed unanimously.

AI: Noud Snelder to incorporate SMC-3 Use of INCOMPATIBLE MEDIUM INSTALLED (08-270r0) into SMC-3.

Remove from agenda.

7.4   SMC-3 Use of LOGICAL UNIT COMMUNICATION FAILURE (08-271r0)   [Wideman]

There was a lot of discussion revolving around the use of Hardware Error specifically during the case of not configured yet. The hardware error should be only for the true failure case. The group is leaning towards NOT READY, IN THE PROCESS OF BECOMING READY for the case where it is trying to configure. The suggestion was made to remove reference to task management functions and to be silent on it.

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

Defer

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

Kevin took several comments and edits.

AI: Kevin to revise and post SMC-3 Medium Magazine Error Codes (07-372r1)

7.7   SMC-3 Report Volume Information (08-215r2)   [Ballard]

This was reviewed through the volume static information descriptor before time was called.

7.8   SMC-3 Report Element Information (08-066r5)   [Ballard]

7.9   SMC-3 Use of LOGICAL UNIT NOT READY, OFFLINE (08-260r0)   [Snelder]

7.10 SMC-3 New additional sense codes tracking document (08-272r1)   [Wideman]

7.11 SMC-3 Use of NOT READY error codes (08-320r0)   [Snelder]

8.   New Business   Curtis Ballard

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

Tentatively looking at January 2009 call for final content. We will review each meeting cycle the appropriateness of the date.

10. Next Meeting Requirements   Curtis Ballard

Phone conference October 01, 2008 from 8:00 - 10:00 PDT to be hosted by IBM

We will request the same time for Nov 3 in Santa Ana, CA

11. Review New and Outstanding Action Items   Kevin Butt

Old Action Items:

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

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]

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

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New Action Items:

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08Sept08-02   Noud Snelder to incorporate SMC-3 Use of INCOMPATIBLE MEDIUM INSTALLED (08-270r0) into SMC-3

08Sept08-03   Kevin to revise and post SMC-3 Medium Magazine Error Codes (07-372r1)

08Sept08-04   Rod to revise and post SMC-3 Use of LOGICAL UNIT COMMUNICATION FAILURE (08-271r0)

12. Adjournment   Group

Paul Suhler made a motion for adjournment. Kevin Butt seconded the motion. The group passed the motion unanimously. Curtis Ballard adjourned the group at 15:30 MDT.