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Draft Minutes
SSC-2 Working Group
Ad Hoc Meeting
March 11, 2002 – Dallas, TX
T10/02-076r0
1:03 PM – 6:53 PM

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1. Introductions: Group

> The facilitator, Dave Peterson, called the meeting to order at 1:03 PM. He thanked our host, Texas Instruments, and led a round of introductions. Attendance is tabulated at the end of this document.

2. Approval of the agenda: T10/02-077r1   Dave Peterson

> Vit Novak (Sun) raised the issue of identifying whether a node implements REC as ELS or FC-4 LS. Discussion deferred to FC-FS.
> Corrections were noted and the final agenda approved.

3. Approval of minutes:

> 3.1 12/14/2001 working group minutes   T10/02-024r0   Dave Peterson
> Approved as written.

4. Review of old action items: Paul Suhler

> 4.1 Joe Breher to take the Note from Exabyte comment 16 to CAP WG for SPC-3. Generated 02-044; merged into Elliott's 01-199 and approved. Closed.
>
> 4.2 Dave Peterson to finish marking comments as T/E and post resolution document to reflector. Closed.
>
> 4.3 All to review resolution document and post e-mail to T10 reflector with any issues. Closed.
>
> 4.4 Dave Peterson to organize a phone conference. No need. Carryover.
>
> 4.5 All to review TapeAlert defaults to determine impact of removing their specification from SSC-2. Closed.
>
> 4.6 Mike Banther to send e-mail to reflector with a pointer to the latest TapeAlert spec. Attempting to determine last version and resurrect web site. HP feels this is now owned by SSC-2 WG. Carryover.
>
> 4.7 All to review whether Note 48 should read "should" or "shall" when moved into normative text. Closed

5. Discussion items:

> 5.1 Resolution of letter ballot comments   T10/02-081r1   Dave Peterson
>
> Selected items:
>
> 5.1.1   Compaq 65, Retain READ REVERSE(6, 16): IBM uses. Retain as Optional.

     5.1.2   Compaq 98: Clarification of power on condition is needed in SAM-2.

     5.1.3   Compaq 106, Definition of compression acronyms: Expand, but no standards references.

     5.1.4   We will revisit error conditions in various states prior to next letter ballot.

     5.1.5   Exabyte 39: Joe Breher to ask customers. Dave Peterson to query reflector.

     5.1.6   IBM 17, Reserve(10) and third party: Wait for CAP WG decision on obsoleting RESERVE/RELEASE.

6. Unscheduled business: Dave Peterson

    6.1   Explicit Address Write Sequence Identifier   Michael Banther
Need to support multiple initiators writing the same drive and detect (i) overlapping LBAs and (ii) mixing of streams.   Can't allow unrestricted reordering with the explicit address model. When FCS = 1, device server will assign a sequence identifier that application client will use in all commands in that sequence. This will require either a new command or a bi-directional command. An alternative would be to to use CRNs. Group was more favorable to handling overlapping LBAs in the device server.
Michael will split this into two proposals.

    6.2   Note 48   Joe Breher
LBAs become ambiguous if decompression fails.
If record is longer than the maximum variable block size, then it can't be returned.
Joe will initiate a reflector discussion.

7. Next meeting requirements: Dave Peterson

     4 – 5 hours.

8. Review new action items: Paul Suhler

    8.1   Dave Peterson to integrate agreed changes into SSC-2 revision 8a and produce a new revision of the resolution document.

    8.2   Dave Peterson to discuss Compaq 98 with Rob Elliott.

    8.3   Working group will address error handling as it relates to the state diagrams.

    8.4   Joe Breher to evaluate impact of RSMK=0 in the Device Configuration mode page.

    8.5   Dave Peterson to post e-mail to reflector requesting impact of RSMK=0.

    8.6   Working group will clarify medium partition page.

    8.7   Michael Banther to split proposal defining behavior when commands arrive out of order.

    8.8   Joe Breher will prepare a proposal and initiate a reflector discussion about recovery after encountering uncompressible data.

9. Adjournment: Group

    The meeting was adjourned at 6:53 PM.

Attendees:

Company Represented	Last Name	First Name	Email
Cisco Systems	Peterson	David	dap@cisco.com
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