

To: T10 Technical Committee
 From: Rob Elliott, Compaq Computer Corporation (Robert.Elliott@compaq.com)
 Date: 31 July 2001
 Subject: T10/01-249r0 Minutes of the SRP teleconference - 31 July 2001

Revision History

Revision 0: (31 July 2001) first revision

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Topics

1 Opening Remarks and introduction

The teleconference started at 10:00am Central time, hosted by Compaq.

2 Attendance and membership

Name	S	Organization	Electronic Mail Address
Mr. John Carrier	V	Adaptec	jcarrier@corp.adaptec.com
Mr. Bob Snively	P	Brocade	rsnively@brocade.com
Mr. Robert C. Elliott	P	Compaq Computer Corp.	Robert.Elliott@compaq.com
Mr. Robert Griswold	V	Crossroads	rgriswold@crossroads.com
Mr. Cris Simpson	P	Intel Corp.	cris.simpson@intel.com
Mr. Rob Haydt	P	Microsoft	robhay@microsoft.com
Mr. Edward Gardner	P	Ophidian Designs	eag@ophidian.org
Mr. George Penokie	P	Tivoli	gpenokie@tivoli.com
Mr. Xai Phan	V	McData Corp	Xai.Phan@McDATA.com
Mr. John Carrier	V	Adaptec	
Mr. Ralph O. Weber	P	ENDL Texas	roweber@acm.org
Mr. William C. Terrell	P	Troika	terrell@TroikaNetworks.com

12 People Present

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

3 Approve agenda

The agenda was approved as listed above.

4 Review Minutes of SRP WG 19-20 July 2001 (01-233r0) [Rob Elliott/Cris Simpson]

George raised a few issues in the last minutes.

Ed does not have a document number for the SRP operation overview. He plans to obtain that today.

Cris will prepare 01-205r2 with the modifications agreed in the last meeting.

01-228r0 (SRP session issues) will not be pursued any further.

01-177r2 (SRP Model for RDMA communication services) will be posted later this week.

01-227r2 (SRP buffer description formats) will be posted later this week.

01-085r3 (SRP multichannel (reserved fields)) has been posted with changes after the minutes.

01-230r1 (SRP buffer descriptor subclause rewrite) will reflect changes made to 01-227r2.

Cris will revise the minutes to address the concerns in 01-233r1.

5 Review old action items

5.1 Ed Gardner will release SRP revision 8 on Thursday 26 July 2001.

Not done. Ed plans to release it this week.

5.2 Ed Gardner will release SRP revision 9 on Thursday 3 August 2001.

Not likely.

A letter ballot before September T10 week is no longer possible.

5.3 Rob Haydt, Cris Simpson, and Rob Elliott will prepare a proposal redoing the InfiniBand IOControllerProfile.

Not done. Cris has started investigating this.

6 SRP to SAM-2 protocol (01-172r3) [George Penokie]

George will change a few a) b) c) lists to 1) 2) 3) format and prepare 01-172r4.

The group recommended that 01-172r3 as revised (into r4) be included in SRP revision 8.

7 OS considerations for SRP on IB (01-189r1) [Rob Haydt]

Rob suggested some of the reserved fields in the IOControllerProfile might be usable rather than redefining the IOControllerProfile. We need a flag in the existing profile (maybe ControllerServicesMask) indicating that more information is available somewhere, unless the existing one is completely redefined.

8 SRP Multichannel proposal (reserved fields version)(01-085r3) [Cris Simpson]

Ed believes the SRP definition can handle all the fields requested by 01-085r3. Because there is a response length field no pre-formatting of the response data needs to be done.

Cris will release 01-085r4 which specifies which reserved bytes are being used.

Further discussion of this proposal will be deferred into SRP-2.

9 Document review of SRP revision 7 (srp-r07) [Ed Gardner]

Rob Elliott noted that sense data length requirements are different in SPC-2, SPI-4, FCP-2, and SRP.

- SPI-4 information units dictates a maximum of 252 bytes and requires a multiple of 2.
- SRP requires a multiple of 4.
- FCP has no requirement.
- SPC-2 REQUEST SENSE has a 255 byte limit for its allocation length. The sense data format can hold $255+8=263$ bytes.

The group felt that SPC-2 should enforce a maximum sense data length for both REQUEST SENSE and autosense methods that holds true across protocols. The protocol documents should not enforce any limits. Rob Elliott will prepare a proposal on this for SPC-3 and SPI-4.

In SRP revision 8, Ed may clarify when the sense data is not a multiple of 4 that pad bytes are added.

10 Review new and open action items

10.1 Ed Gardner will release SRP revision 8 by Friday 3 August 2001.

10.2 Rob Haydt, Cris Simpson, and Rob Elliott will prepare a proposal redoing the InfiniBand IOControllerProfile.

11 Meeting schedule

SRP letter ballot is now planned for after the September WG meeting.

Teleconference

21 Aug 2001 Thu 9:00am Pacific time 4 hours hosted by Cris Simpson, Intel

September T10 Week (Huntington Beach):

12 Sep 2001 Wed CAP

13 Sep 2001 Thu SRP (begins 1 hour after T10 plenary, usually around 1pm)

14 Sep 2001 Fri SRP (end by 12:00 noon)

12 Adjournment

The meeting adjourned at 12:45pm Central time.