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

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<tr>
<th>Name</th>
<th>S</th>
<th>Organization</th>
<th>Electronic Mail Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. John Carrier</td>
<td>V</td>
<td>Adaptec</td>
<td><a href="mailto:jcarrier@corp.adaptec.com">jcarrier@corp.adaptec.com</a></td>
</tr>
<tr>
<td>Mr. Bob Snively</td>
<td>P</td>
<td>Brocade</td>
<td><a href="mailto:rsnively@brocade.com">rsnively@brocade.com</a></td>
</tr>
<tr>
<td>Mr. Robert C. Elliott</td>
<td>P</td>
<td>Compaq Computer Corp.</td>
<td><a href="mailto:Robert.Elliott@compaq.com">Robert.Elliott@compaq.com</a></td>
</tr>
<tr>
<td>Mr. Robert Griswold</td>
<td>V</td>
<td>Crossroads</td>
<td><a href="mailto:rgriswold@crossroads.com">rgriswold@crossroads.com</a></td>
</tr>
<tr>
<td>Mr. Cris Simpson</td>
<td>P</td>
<td>Intel Corp.</td>
<td><a href="mailto:cris.simpson@intel.com">cris.simpson@intel.com</a></td>
</tr>
<tr>
<td>Mr. Rob Haydt</td>
<td>P</td>
<td>Microsoft</td>
<td><a href="mailto:robhay@microsoft.com">robhay@microsoft.com</a></td>
</tr>
<tr>
<td>Mr. Edward Gardner</td>
<td>P</td>
<td>Ophidian Designs</td>
<td><a href="mailto:eaq@ophidian.org">eaq@ophidian.org</a></td>
</tr>
<tr>
<td>Mr. George Penokie</td>
<td>P</td>
<td>Tivoli</td>
<td><a href="mailto:gpenokie@tivoli.com">gpenokie@tivoli.com</a></td>
</tr>
<tr>
<td>Mr. Xai Phan</td>
<td>V</td>
<td>McData Corp</td>
<td><a href="mailto:Xai.Phan@McDATA.com">Xai.Phan@McDATA.com</a></td>
</tr>
<tr>
<td>Mr. John Carrier</td>
<td>V</td>
<td>Adaptec</td>
<td></td>
</tr>
<tr>
<td>Mr. Ralph O. Weber</td>
<td>P</td>
<td>ENDL Texas</td>
<td><a href="mailto:roweber@acm.org">roweber@acm.org</a></td>
</tr>
<tr>
<td>Mr. William C. Terrell</td>
<td>P</td>
<td>Troika</td>
<td><a href="mailto:terrell1@TroikaNetworks.com">terrell1@TroikaNetworks.com</a></td>
</tr>
</tbody>
</table>

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.