Accredited Standards Committee*
InterNational Committee for Information Technology Standards (INCITS)

Doc. No.:	T10/02-178r0

Date: May 2, 2002
Reply to: Cris Simpson

To: T10 Membership
From: Cris Simpson
Subject: SCSI RDMA Protocol (SRP) Working Group Meeting -- May 2, 2002
                   Nashua, NH

1. Opening Remarks

Cris Simpson thanked Hitachi Cable Manchester and Zane Daggett for hosting.

2. Approval of Agenda

3. Attendance and Membership

Attendees

Brian Forbes	Brocade
Rob Elliott	Compaq
John Tyndall	Crossroads
Ralph Weber	ENDL
Randy Haagens	HP
George Penokie	IBM
Cris Simpson	Intel
John Lohmeyer	LSI
Bob Davis	Network Appliance
Ed Gardner	Ophidian Designs

4. Old Business

4.1. Letter ballot resolution status - Simpson

Expecting completion in a few weeks. Will request review by SRP WG, move to accept in July.

4.2. edit005

Alias associations: Are there any SRP-specific events that clear them?
No, just IT Nexus Loss - See Rob's Clearing Effects

4.3. ibm050

Covered by Rob's 02-134r2.

4.4. edit027
Do IOCs CONTAIN or PROVIDE SRP target ports? Propose: PROVIDE
Provide.

4.5. edit028
Service name formatting compliance statement.
"A service name shall be recognized as identifying an SRP target port if and only if it satisfies all of the rules described in this table." (Table B.8)
Proposed:
"A service name that identifies an SRP target port shall meet the rules described in this table."
Proposal as modified.

4.6. edit030
SRP over a non-compliant RDMA Comm Svc.:
"**If an RDMA communication service is unable to meet these requirements on an RDMA channel, it shall disconnect the RDMA channel.**"
Proposed:
"*Use of this protocol over a communication service not meeting the requirements of 4.5 is outside the scope of this standard."*
If an RDMA communication service is unable(fails?) to meet the ordering requirements of this subclause on an RDMA channel, it shall disconnect the RDMA channel.

4.7. Bro008
SRP target ports shall be implemented *** in IB I/O units. ***Added "by IO Controllers".*
Accepted.

4.8. OD1
Applicability of SRP to non-IB, overlapping RDMA Writes, proper placement of burden.
Do we care about iWarp? I think we've decided in the past that we do not.
*If we cared, and if special precautions were needed, the burden needs to be on the **initiator** device, not the target port, else we've created a requirement that the TP check for overlap.*
The order in which multiple RDMA Writes without an intervening message are applied to a particular memory location is specific to the RDMA Communication Service.

4.9. OD2
RDMA Read processing/completion, ordering, proper placement of burden.
Currently:
    "RDMA Read operations may complete in any order."
OD2: ."..it is not clear what data they are required to return."
CRS: *The text should really say that RDMA Read ops may be PROCESSED in any order (at the responder). Like OD1, this is a burden that should be on the the initiator (i.e, Don't issue commands resulting in overlapping memory accesses.)*
 may be processed in any order

4.10. HP26
What is that initiator-side dotted-line thingy? *Remove.*
Yes. Remove it.

4.11. edit004

Change *contains* to *includes*, move up to just below figure.

5. New Business

5.1. Next meeting
TBA

5.2. SRP-2 requirements
Cris requested that WG members continue work on requirements, develop proposals for July CAP meeting.

Meeting Adjourned at 14:15.