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Title: SRP-2 Requirements

References

T10/01-071R0 InfiniBand (tm) Multi-Channel Connections for SRP
T10/01-085R0 SRP MultiChannel Proposal
T10/02-004r0 Proposed Model Clause for SRP
T10/02-096R0 Sending Write Data with SRP Commands
T10/02-127r2 LOGOUT Signals: Model concerns

Revision history

Revision 0: **July 3, 2002** Original version

1 Introduction

This document is intended to spur discussion at the July CAP meeting about the requirements for SRP-2. Comments are solicited.

2 SRP-2 Protocol

2.1 Robust multiple channel operation

2.1.1 Separation of data and control channels

2.1.2 Multiple control channels providing high availability

2.1.3 Multiple parallel data channels for high bandwidth

2.2 Write latency improvements

2.2.1 Send some write data with CDB

2.3 Generic login

2.3.1 Separate interconnect channel establishment from SRP login

3 SRP-2 Standard

3.1 New model clause

3.1.1 Less explanatory

3.1.2 Based on defining interconnect service interface

3.2 Support for emerging RDMA-enabled interconnects