

To: T10 Technical Committee
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Subject: SRP LOGOUT REJECT proposal

Related Documents

T10/srp-r04 SCSI over RDMA Protocol revision 04 (Gardner)
T10/01-028r4 SRP InfiniBand annex revision 04 (Pellegrino and Elliott)

Overview

As discussed in the May 11 SRP conference call, I'm proposing the addition of an IU to carry information regarding rejected/failed SRP LOGIN requests.

SRP_LOGIN_REJ

SRP_LOGIN_REJ is returned when SRP_LOGIN_REQ is not successful.

5.1

Table 5 - SRP responses

Information Unit	Type Value	Length (bytes)	Description
SRP_LOGIN_REJ	C2h	32	LOGIN failure notification

5.4

Table 13 - SRP_LOGIN_REJ response

Bit Byte	7	6	5	4	3	2	1	0
0	TYPE (C2h)							
1								
...	RESERVED							
7								
8								
...	TAG							
15								
16								
...	REASON							
19								
20								
...	RESERVED							
31								

REJECTION Reason codes:**Table 14 - SRP_LOGIN_REJ reason codes**

0x00	UNABLE TO CREATE CHANNEL
Other	Reserved

NOTE 6 - Other reason codes will be defined as needed (See T10/01-085r0)

InfiniBand Annex**A.5.3** (Add to end of second paragraph)

The InfiniBand Communication Management Reject (REJ) message shall include the SRP_LOGIN_REJ IU in the Private Data field.