

To: T10 Technical Committee
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Date: 15 June 2001
Subject: SRP LOGIN REJECT proposal

Revision History

Rev 01 Corrected title, reduced IU size
 Rev 0 18 May 2001 Original version

Related Documents

T10/srp-r05 SCSI over RDMA Protocol revision 05 (Gardner)
 T10/01-028r4 SRP InfiniBand annex revision 04 (Pellegrino and Elliott)

Overview

This IU carries 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	16	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	REASON							
...								
7	TAG							
8								
...								
15								

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

Reason Codes to support Multichannel Support

TABLE 15 - REJECTION REASON CODES

Code	Name	Description
0x01	INVALID SESSION ID	The SESSION ID does not refer to a valid session.
0x02	INVALID CHANNEL GROUP ID	The CHANNEL GROUP ID field does not refer to a valid channel group.
0x03	UNABLE TO CREATE SESSION	The target was unable to create the session.
0x04	UNABLE TO CREATE CHANNEL GROUP	The target was unable to create the channel group.
0x05	UNABLE TO ADD CHANNEL TO CHANNEL GROUP	The target was unable to add a channel to the specified channel group.
0x06	ADDITIONAL CHANNELS NOT ALLOWED ON THIS CHANNEL GROUP	Adding a channel would exceed the maximum number of channels allowed for this channel group.
0x07	UNABLE TO CREATE CHANNEL	The target was unable to create a channel.
0x08-0xFF	Reserved	

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.