

To: T10 Technical Committee
 From: Rob Elliott, HP (elliott@hp.com)
 Date: 22 March 2006
 Subject: 06-165r0 SAS-2 Change SMP ZONE VIOLATION code value

Revision history

Revision 0 (22 March 2006) First revision

Related documents

sas2r03 - Serial Attached SCSI - 2 (SAS-2) revision 3
 06-082r2 SAS-2 zoning-related SMP functions (Ralph Weber, ENDL and Steve Johnson, LSI Logic)

Overview

SMP function result codes 0xh have been used so far for results that apply to all functions (or in case 01h, all unknown functions); 1xh for results that apply to specific functions. 18h (the next 1xh code) or 20h (starting a new range for zoning related codes) would be more appropriate values to use than 04h for SMP ZONE VIOLATION.

Suggested changes

10.4.3.2 SMP function response frame format

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The FUNCTION RESULT field is defined in table 1.

Table 1 — FUNCTION RESULT field

Code	Name	SMP function(s)	Description
00h	SMP FUNCTION ACCEPTED	All	...
01h	UNKNOWN SMP FUNCTION	Unknown	...
02h	SMP FUNCTION FAILED	All	...
03h	INVALID REQUEST FRAME LENGTH	All	...
04h 20h	SMP ZONE VIOLATION	TBD	The SMP target port supports the function, but the application zone permission bit is set to zero (e.g., the ZP[s, 2] bit is set to zero).
...
All others	Reserved		