

ENDL TEXAS

Date: 11 March 2004
 To: T10 Technical Committee and SNIA OSD TWG
 From: Ralph O. Weber
 Subject: SPC-3 Changes for OSD Quota Enforcement & Other Errors

This proposal describes changed to be made in SPC-3 to support OSD quota enforcement. Also, per agreement of the March CAP working group, the formats for OSD sense data descriptors will move to the next OSD revision.

Revision History

- r1 Eliminate dynamic attributes quotes, restore partition capacity quota, add default value for the partition capacity quota as a root quota. Note: These changes eliminate the need for a Collection Quotas attributes page.
- r2 Reduce this proposal to just SPC-3 changes. Put OSD changes in a separate document (04-095) for consideration as part of the OSD Letter Ballot. Move those OSD specific sense data descriptors already defined in SPC-3 out of SPC-3 and in to OSD (also affects the 04-095 proposal). All changes agreed by March CAP working group.

Changes that are new to this revision are marked with change bars.

SPC-3 r17 Changes

Change 1: Modify Table 13 as follows

Table 1 — Sense data descriptor types

Type	Description	Reference
00h	Information	4.5.2.2
01h	Command specific information	4.5.2.3
02h	Sense key specific	4.5.2.4
03h	Field replaceable unit	4.5.2.5
04h	Stream commands	4.5.2.6
05h	Block commands	4.5.2.7
06h	OSD object identification	4.5.2.8 OSD
07h	OSD response integrity check value	4.5.2.9 OSD
08h 08h	OSD attribute identification	OSD
08h 09h - 7Fh	Reserved	
80h - FFh	Vendor specific	4.5.2.10

Change 2: Remove 4.5.2.8 and 4.5.2.9 from SPC-3.

Change 3: Add the following new additional sense code definition (additional sense code value is a recommendation only)

55h/07h ... F QUOTA ERROR