

To: T10 Technical Committee
 From: Rob Elliott, Compaq Computer Corporation (Robert.Elliott@compaq.com)
 Date: 17 January 2002
 Subject: T10/02-016r1 SPC-3 TST field description

Revision History

Revision 0 (18 December 2001) first revision

Revision 1 (17 January 2002) incorporated Jan CAP WG comments (add "The" to table)

Related Documents

spc3r02 - SCSI Primary Commands - 3 revision 2

Overview

The task set type (TST) field description has proved to be a bit confusing.

Suggested Changes to SPC-3 revision 2

8.3.6 Control mode page [PDF page 225]

...

A task set type field (TST) specifies the type of task set in the logical unit (see table 160). ~~If the device maintains mode pages per initiator, the TST field, if changeable, shall reflect in all initiator pages the state selected by the most recent MODE SELECT. If the most recent MODE SELECT changes the setting of this field the device server shall establish a unit attention condition for all initiators except the one that issued the MODE SELECT command (see SAM-2). The device server shall set the additional sense code to MODE PARAMETERS CHANGED.~~

Table 160 - Task set type

Value	Description
000b	The logical unit maintains one task set per logical unit for all initiators
001b	The logical unit maintains a separate task set per for each initiator per logical unit
010b - 111b	Reserved

If the logical unit maintains separate mode pages for each initiator, the TST field, if changeable, shall reflect in all initiator pages the state selected by the most recent MODE SELECT from any initiator. If the most recent MODE SELECT changes the setting of this field the device server shall establish a unit attention condition for all initiators except the one that issued the MODE SELECT command (see SAM-2). The device server shall set the additional sense code to MODE PARAMETERS CHANGED.