

Subject: spc4r04 editorial nits
From: "Elliott, Robert (Server Storage)" <Elliott@hp.com>
Date: Fri, 2 Jun 2006 19:35:42 -0500
To: "Ralph Weber (ENDL)" <roweber@ieee.org>

Some editorial nits in spc4r04 (<> generally means smallcaps):

In Contents on page ix, 2.3 is right rather than left justified

In 3.1.6 delete the final "the" in each of these definitions (there is not just one "sense data" to which these apply as definitions):

3.1.6 additional sense code: A combination of the ADDITIONAL SENSE CODE field and the ADDITIONAL SENSE CODE QUALIFIER field (see 4.5) in the sense data.

3.1.104 sense key: The contents of the SENSE KEY field (see 4.5) in the sense data.

In each of those definitions, move "(see 4.5)" to the end since that points to the overall sense data section, not specific sections about the fields.

In 7.4.6 page 297 bottom change "the fixed format" to "fixed format" in:

"A descriptor format sense data (D_SENSE) bit set to zero specifies that the device server shall return the fixed format sense data (see 4.5.3) when returning sense data in the same I_T_L_Q nexus transaction (see 3.1.45) as a CHECK CONDITION status. A D_SENSE bit set to one specifies that the device server shall return descriptor format sense data (see 4.5.2) when returning sense data in the same I_T_L_Q nexus transaction as a CHECK CONDITION status, except as defined in 4.5.1."

Table 19 title should be "Sense key specific sense data descriptor definitions" or "Sense key
Table 19 header row should use small caps for the field name "<sense key specific> field definition"

Between table 27 and 28, page 43, this text is missing small caps:

"The additional sense codes (i.e., the additional sense code field and additional sense code qualifier field values returned in sense data) are defined in table 28."

Page 103 table 48 title should be "Alias entry <protocol identifier> field" with the left column just "Code"

Page 96-97 section 5.10 toggles between "attributes" and "MAM attributes"

Page 174 table 106 title should be "Persistent reservation <scope> field"

Page 174 table 107 title should be "Persistent reservation <type> field"

Page 215 Table 156 title should be "REPORT SUPPORTED OPERATION CODES <reporting options> field" and left column should be Code

Page 258 table 204 title should be "Supported Diagnostic Pages diagnostic page"

Page 262 table 209 title should be "Threshold met criteria (<tmc>) field" or just "<tmc> field"

Page 268 table 217 title should be "<count basis> field" and the left column should be "Code"

Page 268 table 218 title should be "<cause> field" and left column should be "Code"

Page 278 table 236 title should be "Supported Log Pages log page"

Page 281 table 240 title should be "MAM ATTRIBUTE <format> field" and the left column should be "Code"

Page 305 table 265 title should be "Data transfer disconnect control (<dtcd> field" and the left column should be "Code"

Page 308 table 269 left column should be "Code"

Page 350 table 331 consider a title of "Supported protection type <spt> field" - many other such tables spell out the acronym again

Page 353 table 334 title should be "<service type> field" and the left column should be "Code"

Page 356 above table 339 "SCSI Port" should be "SCSI port" (twice)

Page 359 "This VPD page" should be "The Unit Serial Number VPD page"

Page 377 table 353 title should be "<access identifier type> field" and left column should be "Code"

Page 382 table 361 title should be "<access mode> field" and left column should be "Code"

Page 391 table 370 title should be "CDB <log portion> field" and left column should be "Code"

Page 392 table 372 title should be "Parameter data <log portion> field" and left column should be "Code"

Page 409 table 393 title should be "CLEAR ACCSES CONTROLS LOG <log portion> field" and left column should be "Code"

In these sentences, move the (see table xx) earlier:

page 22

The nomenclature used for binary power multiplier values in this standard is based on IEC 60027:2000, Letter symbols to be used in electrical technology - Part 2: Telecommunications and electronics (see table 2).

The nomenclature used for binary power multiplier values in this standard (see table 2) is based on IEC 60027:2000, Letter symbols to be used in electrical technology - Part 2: Telecommunications and electronics.

page 28

A 32-byte variable length CDB format is defined for long LBA operations (see table 9).

A 32-byte variable length CDB format (see table 9) is defined for long LBA operations.

page 28:

The group code value shall determine the length of the CDB (see table 11).

The group code field (see table 11) shall determine the length of the CDB (see table 11).

page 31

The first byte of all sense data contains the RESPONSE CODE field that indicates the error type and format of the sense data (see table 12).

The first byte of all sense data contains the RESPONSE CODE field (see table 12) that indicates the error type and format of the sense data.

page 33

The DESCRIPTOR TYPE field contains a type code (see table 15) that identifies the type of sense data descriptor.

The DESCRIPTOR TYPE field (see table 15) contains a type code that identifies the type of sense data descriptor.

page 114

All target descriptors are 32 bytes in length and begin with a four-byte header (see table 53) containing the DESCRIPTOR TYPE CODE field that identifies the format of the descriptor.

All target descriptors (see table 53) are 32 bytes in length and begin with a four-byte header containing the DESCRIPTOR TYPE CODE field that identifies the format of the descriptor.

page 168

The PAGE CODE and SUBPAGE CODE fields specify which mode pages and subpages to return (see table 99).

The PAGE CODE and SUBPAGE CODE fields (see table 99) specify which mode pages and subpages to return.

page 184

If the SPEC_I_PT bit is set to one for the REGISTER service action or the REGISTER AND IGNORE EXISTING KEY service action, then the additional parameter data shall include a list of transport IDs (see table 116) and the device server shall also apply the registration to the I_T nexus for each initiator port specified by a TransportID.

If the SPEC_I_PT bit is set to one for the REGISTER service action or the REGISTER AND IGNORE EXISTING KEY service action, then the additional parameter data (see table 116) shall include a list of transport IDs and the device server shall also apply the registration to the I_T nexus for each initiator port specified by a TransportID.

Page 254

The CODE SET field specifies the code set used for the application log information (see table 200) and shall only apply to information contained in the VENDOR SPECIFIC field.

The CODE SET field (see table 200) specifies the code set used for the application log information and shall only apply to information contained in the VENDOR SPECIFIC field.

The ERROR LOCATION FORMAT field specifies the format (see table 201) of the ERROR LOCATION field.

The ERROR LOCATION FORMAT field (see 201) specifies the format of the ERROR LOCATION field.

Page 257

The PAGE CODE field identifies the diagnostic page (see table 203).

The PAGE CODE field (see table 203) identifies the diagnostic page.

Page 297

A task set type (TST) field specifies the type of task set in the logical unit (see table 258).

The task set type (TST) field (see table 258) specifies the type of task set in the logical unit.

Page 308

The value in the method of reporting informational exceptions (MRIE) field defines the method that shall be used by the device server to report informational exception conditions (see table 269).

The method of reporting informational exceptions (MRIE) field (see 269) defines the method that shall be used by the device server to report informational exception conditions.

--

Rob Elliott, elliott@hp.com

Hewlett-Packard Industry Standard Server Storage Advanced Technology

<https://ecardfile.com/id/RobElliott>