

To: INCITS T10 Committee
From: Paul Entzel, Quantum
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Document: T10/05-261r0
Subject: ADC-2: control effect of task management requests over primary interface

1 Revision History

Revision 0:
Posted to the T10 web site on 6 July 2005.

2 General

The Logical Unit subpage controls the access to the device servers over the primary interface. The text specifically states that the ENABLE bit in the logical unit descriptors control if the device server shall respond to tasks received over the primary interface. The text is silent on the effect of task management requests to the device server over the primary interface. It is Quantum's opinion that the device servers should not be affected by task management requests over the primary interface when the logical unit is disabled. This proposal modifies the wording to state this explicitly.

3 Changes to the RMC Logical Unit Descriptor text

Modify the paragraph that describes the ENABLE bit in the RMC logical unit descriptor as shown:

An ENABLE bit set to one indicates that the DT device primary port(s) associated with the RMC logical unit shall be responsive to SCSI tasks **and task management requests** received on that DT device primary port(s). An ENABLE bit set to zero indicates that the DT device primary port(s) associated with the RMC logical unit shall not respond to SCSI tasks **and task management requests** received on that DT device primary port(s) and the associated RMC logical unit number shall not be reported in any REPORT LUNS command. The ENABLE bit has no effect on the access to the RMC device server through the ADT port.

4 Changes to SMC Logical Unit descriptor text

Modify the paragraph that describes the ENABLE bit in the SMC logical unit descriptor as shown:

An ENABLE bit set to one indicates that the DT device primary port(s) associated with the SMC logical unit shall be responsive to SCSI tasks **and task management requests** received on that DT device primary port(s). Received SCSI tasks may be processed by the local SMC device server or may be passed by the bridging manager to the remote SMC device server for processing (see 4.2.3). An ENABLE bit set to zero indicates that the DT device primary port(s) associated with the SMC logical unit shall not respond to SCSI tasks **and task management requests** received on that DT device primary port(s) and the associated SMC logical unit number shall not be reported in any REPORT LUNS command. The ENABLE bit has no effect on the access to the SMC device server through the ADT port.

5 Changes to ADC Logical Unit descriptor text

Modify the paragraph that describes the ENABLE bit in the ADC logical unit descriptor as shown:

An ENABLE bit set to one indicates that the DT device primary port(s) associated with the ADC logical unit shall be responsive to SCSI tasks **and task management requests** received on that DT device primary port(s). An ENABLE bit set to zero indicates that the DT device primary port(s) associated with the ADC logical unit shall not respond to SCSI tasks **and task management requests** received on that DT device primary port(s) and the associated ADC logical unit number shall not be reported in any REPORT LUNS command. The ENABLE bit has no effect on the access to the ADC device server through the ADT port.