

T10/05-xxx revision 0

Date: December 20, 2004

To: T10 Committee (SCSI)

From: George Penokie (IBM/Tivoli)

Subject: SPC-3: Identification Descriptor Rules for Target Names

1 Overview

In the description of the identification descriptor for SCSI target devices there is a requirement stated that a target device under all conditions is required to have a name. This was not the original intention that was stated in 02-419. It was only supposed to be a shall when the target device contained well-known logical units. For commands sent to target devices that do not have well known logical units it was supposed to be a should.

1.0.0.0.1 Identification descriptors for SCSI target devices (current)

The Device Identification VPD page shall have one or more identification descriptors for the SCSI target device. Each SCSI target device identification descriptor shall have the ASSOCIATION field set to 10b (i.e., SCSI target device) and the IDENTIFIER TYPE field set to:

- a) a) 2h (i.e., EUI-64-based);
- b) b) 3h (i.e., NAA); or
- c) c) 8h (i.e., SCSI name string).

The Device Identification VPD page shall contain identification descriptors for all the SCSI target device names for all the SCSI transport protocols supported by the SCSI target device.

1.0.0.0.2 Identification descriptors for SCSI target devices (with suggested changes)

If the SCSI target device contains a well known logical unit the Device Identification VPD page shall have one or more identification descriptors for the SCSI target device. If the SCSI target device does not contain a well known logical unit the Device Identification VPD page should have one or more identification descriptors for the SCSI target device. Each SCSI target device identification descriptor, if any, shall have the ASSOCIATION field set to 2h (i.e., SCSI target device) and the IDENTIFIER TYPE field set to:

- a) a) 2h (i.e., EUI-64-based);
- b) b) 3h (i.e., NAA); or
- c) c) 8h (i.e., SCSI name string).

The Device Identification VPD page shall contain identification descriptors, if any, for all the SCSI target device names for all the SCSI transport protocols supported by the SCSI target device.