ENDL
T E X A S

Date: 14 March 2008
To: T10 Technical Committee
From: Ralph O. Weber
Subject: IKEv2-SCSI Message ID field size correction

Introduction

SPC-4 r13 table 374 (not shown) in which the IKEv2-SCSI parameter data format is defined shows a 4-byte MESSAGE ID field. However, table 377 defines the MESSAGE ID field contents in a way that suggests the fields is 2 bytes. RFC 4306 (upon which IKEv2-SCSI is based) describes Message ID as a 32-bit quantity.

"The Message ID is a 32-bit quantity, which is zero for the first IKE request in each direction."

Therefore, table 377 must be seen as incorrect.

Revision History

r0   Initial revision

Unless otherwise indicated additions are shown in blue, deletions in red strikethrough, and comments in green.

Proposed Changes in SPC-4 r13
(SPC-4 r14 will have the same text but the table numbers may change)

7.6.3.4 IKEv2-SCSI parameter data format

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The MESSAGE ID field (see table 377) identifies the function of the parameter data.

Table 377 — MESSAGE ID field

Code	Description
0000 0000h	Key Exchange step SECURITY PROTOCOL OUT command (see 5.13.4.8.2) or SECURITY PROTOCOL IN command (see 5.13.4.8.3)
0000 0001h	Authentication step SECURITY PROTOCOL OUT command (see 5.13.4.9.2) or SECURITY PROTOCOL IN command (see 5.13.4.9.3)
0000 0002h	Delete operation in a SECURITY PROTOCOL OUT command
0000 0003h - FFFF FFFFh	Reserved