ENDL
TEXAS

Date: 22 September 2004
To: Mr. Harvey Rosenfeld, ANSI Editor
From: Ralph O. Weber
Subject: Editorial corrections for BSR INCITS 400

Dear Mr. Rosenfeld,

I have been made aware of several editorial issues in BSR INCITS 400, "Information Technology - SCSI Object-based Storage Device Commands (OSD)". The published version of the standard would be improved if you are able to add these to the list editorial corrections that you sent me on 15 September.

1) In the a,b,c list in 4.6.1, the last sentence in b) says "LIST" when "LIST COLLECTION" is clearly, meant as per the associated cross reference. Please modify the sentence as shown in red in the following:

Each partition contains a list of User_Object_IDs and Collection_Object_IDs contained in the partition that may be retrieved using the LIST command (see 6.13) and LIST COLLECTION command (see 6.14) command, respectively.

2) In the last line of text in 4.9.2.1, "is" should be "in". Please modify the line as follows:

B) Preparing capabilities only is in response to requests from the security manager.

3) In 4.9.2.2.1 in the a,b,c list between table 7 and table 8, list entry b) mentions a security method attribute. There is no such thing as a security method attribute, per the attributes page definition in 7.1.2.21. The correct identifier for the attribute is default security method. Please modify as follows:

b)   The default security method attribute in the Partition Policy/Security attributes page (see 7.1.2.21) specifies a default security method other than NOSEC for the partition identified as follows:

4) The last row of table 15 (part 1 of 2) contains an incorrect "with" as can be seen by comparing that row to the previous row. Please modify as follows:

A LIST command with addressed to the root object

5) In the second a,b,c list in 4.10.1, list entry b) contains an incorrectly formatted cross reference. Please replace the cross reference as follows:

b)   The integrity check value in the credential protects the capability and commands that include the capability from various attacks described in (see 4.10.4) 4.10.4.

6) Also in 4.10.1 in the 3rd paragraph after the a,b,c list after figure 4, "a application" should be "an application". Please modify as follows:

This protocol allows delegation of a credential if a an application client delegates both the credential and the capability key.

7) The last two paragraphs of 6.24, the definition of the WRITE command, incorrectly identify the CREATE command. Please modify as follows:

If a ~~CREATE~~ WRITE command causes the value in the user object logical length attribute in the User Object Information attributes page (see 7.1.2.11) to exceed the value in the maximum user object length attribute in the User Object Quotas attributes page, then a quota error shall be generated (see 4.8.2). The quota testing principles described in 4.8.3 apply to the testing of the maximum user object length quota.

If a ~~CREATE~~ WRITE command causes the value in the used capacity attribute in the Partition Information attributes page (see 7.1.2.9) to exceed the value in the capacity quota attribute in the Partition Quotas attributes page (see 7.1.2.13), then a quota error shall be generated (see 4.8.2). The quota testing principles described in 4.8.3 apply to the testing of the capacity quota.