T10/01-305R0

Date: October 15, 2001

To: T10 Committee

From: Paul Entzel, Quantum

Subject: Proposed change to UA requirement on SET DEVICE IDENTIFIER command

Overview

This proposed change affects SPC-3, section 7.24 SETDEVICE IDENTIFIER command description. The final paragraph before Table 115 specifies:

"On successful completion of a SET DEVICE IDENTIFIER command a unit attention shall be generated for all initiators except the one that issued the service action. When reporting the unit attention condition the additional sense code shall be set to DEVICE IDENTIFIER CHANGED."

Other commands that place a Unit Attention condition requirement on the Device Server typically include a condition that a change is made. For instance, in the MODE SELECT description the standard states:

"If an application client sends a MODE SELECT command that changes any parameters applying to other initiators, the device server shall generate a unit attention condition..."

There is no mention in this requirement concerning a change in the device identifier. This places a requirement on the Device Server to post a Unit Attention condition with an ASC of DEVICE IDENTIFICATION CHANGED even when it has not.

Proposed Changes

Change the paragraph in question as follows:

"On successful completion of a SET DEVICE IDENTIFIER command that changes the Device Identifier saved by the device, a unit attention shall be generated for all initiators except the one that issued the service action. When reporting the unit attention condition the additional sense code shall be set to DEVICE IDENTIFIER CHANGED."