

ENDL TEXAS

Date: 11 May 2006
To: T10 Technical Committee & SNIA OSD TWG
From: Ralph O. Weber
Subject: Remove PREVENT ALLOW MEDIUM REMOVAL from OSD-2

In May, T10 approved removing the PREVENT ALLOW MEDIUM REMOVAL command definition from SPC-4 (see T10/248r1) and inserting the command definition in OSD-2.

If the T10 approved changes were incorporated in OSD-2, a principle OSD-2 that all OSD-2 defined CDBs are variable length would be violated, resulting in confusion for OSD-2 product developers.

If memory serves, the PREVENT ALLOW MEDIUM REMOVAL command references were introduced in OSD (and carried forward to OSD-2) based on an inspection of SPC-3 commands which might be applicable to OSD devices. Since PREVENT ALLOW MEDIUM REMOVAL is not present in SPC-4 and OSD-2 should reference SPC-4 instead of SPC-3, the correct OSD-2 change is to remove references to PREVENT ALLOW MEDIUM REMOVAL.

If OSD-2 developers desire control over whether or not removable media can be removed, the functionality could be added as an attribute in the Root Information attributes page.

Referencing OSD-2 r00, this change would be effected as follows:

- Remove PREVENT ALLOW MEDIUM REMOVAL from table 48, and
- Remove PREVENT ALLOW MEDIUM REMOVAL from table 70.