

To: Membership of X3T10  
 From Rod DeKoning

Subject: Addition of Association field to the Device Identification Page

The following is proposed to allow a client to determine the port that is being used to access a client:

Add a new field, called 'Association' to byte 1, bits 4-5 to the Identifier descriptor (table 110 of SPC):

Bit Byte	7	6	5	4	3	2	1	0
0	Reserved				Code Set			
1	Reserved		Association		Identifier Type			
2	Reserved							
3	Page Length (n-3)							
4	(MSB) Identifier (LSB)							
n								

The following text and table is to be added to the Device Identification VPD description (Section 8.4.3) to support this change:

'The Association field specifies the entity that the Identifier field is attached to.'

Table xxx - Association

Value	Description
0	The Identifier field is associated with the addressed physical or logical device.
1	The Identifier field is associated with the port that received the request.
2-3	Reserved

The following rewording is also required for the last sentence of the first paragraph for section 8.4.3.

'Logical Units may have more than one identification descriptor (e.g. if several types or associations of identifier are supported).'