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Subj: Public Review comment on SPL-4
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Broadcom would like to submit a Public Review comment against the T10 SPL-4 specification.

During an internal review we found a concern with the SL_CC and XL language in SPL-4. There is a path for an APTA request to show up in a connection, which is counter to the intent of restricting APTA adjustments per T10/16-141r0 and T10/16-169r2 proposals. An APTA adjustment could occur within a connection if the PS_Request state transitions to Selected (SL_CC) or Request_Path (XL) and then subsequently on to Connected.

Note that the following language is present for the transition out of Idle for each of these state machines but is missing for 6.18.4.10.4 Transition SL_CC8:PS_Request to SL_CC2:Selected and 6.19.13.4 Transition XL11:PS_Request to XL1:Request_Path:

...state shall send:...

c) an APTA Disabled (Active Connection) confirmation to the management application layer; and
d) a Disable APTA request to the phy layer.