

To: T10 Technical Committee
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Subject: SAM-2 layering terminology proposal

Revision History

Rev 0 8 June 2001 Original version

Related Documents

T10/SAM2r18 SCSI Architecture Model - 2 , revision 18 (Weber)
T10/SPC2r19 SCSI Primary Commands - 2, revision 19 (Weber)

The SCSI architecture is described in terms of layers, with the bottom layer called "Physical Interconnect Layer" (SAM-2, Protocol service reference model, p. 45), and the next layer called "SCSI Protocol Layer" (*ibid.*) or "Transport Protocol" (SPC-2, SCSI document relationships, p. 1).

"Physical Interconnect Layer" seems to be an anachronism, as current work focuses on more abstract views of the interconnect. **Proposed: The bottom layer of the SCSI Architecture Model Protocol service reference model shall be titled "Interconnect Layer".**

"Transport Layer" does not provide sufficient distinction from the transport(s) provided by the interconnect layer, and "SCSI Protocol Layer" appears insufficiently descriptive. **Proposed: The middle layer of the SCSI Architecture Model Protocol service reference model shall be titled "SCSI Transport Protocol Layer"**