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Information technology - Multipath management (API)

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3.1 Terms and definitions

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the translation method equivalent to ISO /IEC 11002.2008 "Information Technology Multi-Path Management (API)".

The documents of our country that have a consistent correspondence with the international documents referenced in this standard are as follows.

---GB/T 15272-1994 Programming Language C (idtISO /IEC 9899.1990).

1 Scope

This standard specifies the management of the standard capabilities defined by ISO /IEC 14776-453 (SPC-3) and the common capabilities of vendor extensions.

mouth. This standard applies to vendors who deliver drivers that provide these capabilities. This standard and SCSI multipath features

Relevant, but not including, multipathing methods between interconnected devices (such as Fibre Channel switches) and transport-specific multipathing methods (such as iSCSI)

Multiple connections per session).

Note. In order to facilitate the standard user to understand and implement this standard, Appendix A gives the device name, Appendix B gives the synthetic target port group, Appendix C gives

Transport layer multipathing method, Appendix D gives an example of how to use the multipath management API, Appendix E gives a description between the interface library and the plugin

An interface that is required to be independent of the operating system.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

ISO /IEC 9899:1999 Programming Language C (Programming languages-C)

ISO /IEC 14165-133 Information technology Fibre Channel Part 133. Fibre Channel Switch Architecture-3 (FC-SW-3) [In-

formation technology-Fibre channel-Part 133. Switch fabric-3(FC-SW-3)]

ISO /IEC 14165-251 Information technology fibre channel Part 251. Fibre Channel framing and signalling (FC-FS) [Infor-

mation technology-Fibre channel-Part 251. Framing and signaling(FC-FS)]

ISO /IEC 14776-115 Information technology Small Computer System Interface (SCSI) Part 115. Parallel Interface-5 (SPI-5)

[Information technology-Small computer system interface(SCSI)-Part 115.Parallel interface-5 (SPI-5)]

ISO /IEC 14776-150 Information technology Small Computer System Interface (SCSI) Part 150. Serial Attached SCSI

(SAS)[Information technology-Small computer system interface(SCSI)-Part 150.Serial attached SCSI (SAS)]

ISO /IEC 14776-413 Information technology Small Computer System Interface (SCSI) Part 413. Architecture Model 3

(SAM-3)[Information technology-Small computer system interface(SCSI)-Part 413.Architecture Model-3(SAM-3)]

ISO /IEC 14776-453 Information technology Small Computer System Interface (SCSI) Part 453. Main Instructions (SPC-3)

[Information technology-Small computer system interface(SCSI)-Part 453. Primary commands-3

(SPC-3)]

RFC3720 Internet Small Computer System Interface (iSCSI) [Internet Small Computer Systems Interface

(iSCSI)]

3.1 Terms and definitions

The following terms and definitions apply to this document.

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