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**Information technology - Storage management - Part 2:
Common architecture**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1. Structure and Drafting Rules of Standardization Documents"

Drafting.

This document is Part 2 of GB/T 36450 "Information Technology Storage Management". GB/T 36450 has released the following parts.

---Part 1. Overview;

---Part 2. General architecture;

---Part 5. File system;

---Part 6. Exchange structure;

---Part 7. Host Elements;

---Part 8. Media Library.

This document uses the redrafting method to modify and adopt ISO /IEC 24775-2:2014 "Information Technology Storage Management Part 2. General

Architecture.

Compared with ISO /IEC 24775-2:2014, this document has structural adjustments. Chapter 3 corresponds to ISO /IEC 24775-2:2014.

3.1, Chapter 4 corresponds to 3.2, 5.1 and 5.2 of ISO /IEC 24775-2:2014 correspond to 3.3 and 5.2 of ISO /IEC 24775-2:2014 respectively

3.4, Chapter 6 corresponds to Chapter 4 of ISO /IEC 24775-2:2014, and the number of subsequent chapters has been extended.

Compared with ISO /IEC 24775-2.2014, this document has technical differences.

The vertical single line (|) in the blank position is marked. The technical differences between this document and ISO /IEC 24775-2.2014 and the reasons are as follows.

a) The relevant content of the statement about the applicability of this document in "1 Scope" has been added to expand the scope of application of this document from the local area network to

Wan;

b) The references to ISO /IEC 24775-3 and ISO /IEC 24775-4 in ISO /IEC 24775-2.2014 are undated

Use, in the main text, because specific chapters are quoted, it is modified as a dated reference;

c) Added "3.5 Supplier" "3.19 Structured Peer-to-Peer Network" in "3 Terms and Definitions", and "CIM" in "4 Abbreviations"

"DMTF", "NAA", "SAP", "S-P2PN", "SRM", "WBEM", "XML", etc. are required to describe the extended content of the WAN

Terminology and abbreviations; deleted the original term "3.1.29" general SMI-S server", the original acronym "HMAC" "IMA"

"OS", "SES", "SSP" and other content not described in the document;

d) Added "7.3 Reference Model" and "11.1 Overview" regarding resource discovery requests and resource discovery message formats within the wide area network, etc.

Relevant content supplements the expanded content in the WAN;

e) Figure 6 is modified, and the structured peer-to-peer network protocol S-P2PN is added as the internal and external execution for this interface mode

method;

f) Added "12.1 Purpose", "12.2 Overview", "12.8 Directory Agent", and "12.10.3 Non-Multicast Configuration" regarding services within the wide area network.

Related content such as service deployment and resource discovery, so that the file can better adapt to the expansion of service deployment and resource discovery in the WAN;

g) Added "15.3.6 Service Discovery" about WAN service discovery and operations and other related content.

The following editorial changes have been made to this document.

---The ISO /IEC 14776-413 and ISO /IEC 14776-453 in the normative reference documents are deleted because they are not quoted in the text;