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PEOPLE'S REPUBLIC OF CHINA**

GB/T 36450.7-2021

**Information technology - Storage management - Part 7: Host
elements**

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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 7 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 law to modify and adopt ISO /IEC 24775-7.2014 "Information Technology Storage Management Part 7. Host element".

Compared with ISO /IEC 24775-7.2014, this document has some structural adjustments. Adjusted the text structure of Chapter 3 "Terms and Definitions",

Added "abbreviations" chapter, Chapter 5 corresponds to Chapter 4 of ISO /IEC 24775-7.2014, Chapter 6 corresponds to ISO /IEC 24775-7.2014

Chapter 5, the number of subsequent chapters and articles has been postponed.

Compared with ISO /IEC 24775-7.2014, this document has technical differences.

The vertical single line (|) in the blank position is marked. The technical differences between this document and ISO /IEC 24775-7.2014 and the reasons are as follows.

a) Regarding normative reference documents, this document has made adjustments with technical differences to adapt to my country's technical conditions and adjustments.

The situation is collectively reflected in Chapter 2 "Normative Reference Documents", and the specific adjustments are as follows.

--- Replace ISO /IEC 24775-2.2014 with GB/T 36450.2-2021, which is modified to adopt international standards.

---ISO /IEC 24775-7.2014 references to ISO /IEC 24775-3 and ISO /IEC 24475-4 are undated

Quotation, in this document, due to the quotation of specific clauses, it has been revised as a dated quotation.

b) The chapter "Abbreviations" has been supplemented with abbreviations not described in GB/T 36450.2-2021, such as "JBOD", "HDR", "LBA" and "LUID".

Abbreviation.

The following editorial changes have been made to this document.

--- The "Scope" chapter supplements the applicable limits of this document.

Introduction

GB/T 36450 "Information Technology Storage Management" is a recommended standard that guides the standardization of storage management in my country. It aims to adopt a unified

The standard management interface solves the interoperability of multi-vendor products and the management of cross-regional, multi-functional distributed storage systems. GB/T 36450

The compilation of "Information Technology Storage Management" is based on ISO /IEC 24775. Due to the long overall length and the content of it can be clearly divided into

For a relatively independent but related part, GB/T 36450 is intended to be composed of eight parts.

---Part 1. Overview. Provides a general overview of the GB/T 36450 series of standards.

---Part 2. General architecture. Contains basic information about the interface, such as