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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 16645.1-2008

Replacing GB/T 16645.1-1996

**Information technology -- Open systems interconnection --
Common management information protocol -- Part 1:
Specification**

信息技术 开放系统互连 公共管理信息协议 第1部分：规范

(English Translation)

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Foreword

GB/T 16645 "Information technology - Open Systems Interconnection - Common management information protocol" is divided into the following sections.

--- Part 1. Specification;

--- Part 2. Protocol Implementation Conformance Statement proformas.

This is Part 1.

This section identical with the international standard ISO/IEC 9596-1:1998 "Information technology - OSI Common Management Information Protocol Part 1. Specification ", and in accordance with ISO/IEC 9596-1:1998/Cor. 1.1999 "Technical Corrigendum 1", ISO/IEC 9596-1:1998 /Cor. 2.2002 "Technical Corrigendum 2" was modified accordingly, and use "||" marked.

--- According to the requirements of errata, the contents of 7.4 has been modified;

--- According errata requirements of Appendix B of the content has been modified.

This Part replaces GB/T 16645.1-1996 "Information technology - Open Systems Interconnection - Common management information protocol - Part 1.

specification".

Section compared with the GB/T 16645.1-1996 The main changes are as follows.

--- Updated standard reference document;

--- The content 3.3,5.2.2,6.2.1,7.5,8.1 been modified;

--- The content of 7.4 has been modified;

--- Appendix B of the content has been modified.

Appendix A of this section and Appendix B is an informative annex.

This part of the National Information Technology Standardization Technical Committee and centralized.

This section is drafted. Computing Center of Shandong Province, China Electronics Standardization Institute, Key Laboratory of Computer Network of Shandong Province.

1 Scope

GB/T 16645 provisions of this part of the protocol used to exchange management information used by the application layer entities.

This section provides.

- Transmission management protocol information between application entities;
- Abstract syntax and encoding rules related to common management information protocol used;
- The correct interpretation of protocol control procedure information;
- Consistency requirements of this section to be met.

This section does not specify.

- With the structure or meaning of CMIP management information transmitted;
- Methods to accomplish as a result of exchange CMIP management;
- Cause interaction CMIP use.

2 Normative references

The following documents contain provisions which, through reference GB/T 16645 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 9387.1-1998 Information technology - Open Systems Interconnection - Basic Reference Model - Part 1. Basic model (idt ISO/IEC 7498-1:1994) GB/T 9387.4-1996 Information technology - Open Systems Interconnection - Basic Reference Model - Part 4. Management Framework (idt ISO/IEC 7498-4. 1989) GB/T 15128-2008 Information technology - Open Systems Interconnection - Session service definition (ISO/IEC 8236:1996, IDT) GB/T 15695-2008 Information technology - Open Systems Interconnection - Presentation service definition (ISO/IEC 8822:1994, IDT) GB/T 15696-1995 Information processing systems - Open Systems Interconnection - Connection oriented presentation protocol specification of (ISO 8823.

1988, IDT)

GB/T 16262.1-2006 Information technology - Abstract Syntax Notation One (ASN.1) - Part 1. Specification of basic notation (ISO/IEC 8824-1:2002, IDT) GB/T 16262.2-2006 Information technology - Abstract Syntax Notation One (ASN.1) - Part 2. Information object specification (ISO/IEC 8824-2:2002, IDT) GB/T 16262.3-2006 Information technology - Abstract Syntax Notation One (ASN.1) - Part 3. Constraint specification (ISO/IEC 8824-3:2002, IDT) GB/T 16263.1-2006 Information technology - ASN. 1 encoding rules Part 1. Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) specification (ISO/IEC 8825-1:2002, IDT) GB/T 16263.2-2006 Information technology - ASN. 1 encoding rules Part 2. Packed Encoding Rules (PER) Specification (ISO/IEC 8825-2:2002, IDT) GB/T 16644-2008 Information technology - Open Systems Interconnection - Common management information service definition (ISO/IEC 9595:1998, GB/T 16645.1-2008/ISO/IEC 9596-1:1998