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

GB/T 15695-2008

Replacing GB/T 15695-1995

**Information technology -- Open systems interconnection --
Presentation service definition**

信息技术 开放系统互连 表示服务定义

(English Translation)

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Foreword

This standard is identical with the international standard ISO/IEC 8822:1994 "Information technology - Open Systems Interconnection - Presentation service definition," just Editorial changes.

This standard replaces GB/T 15695-1994 "Information processing systems - Open Systems Interconnection - Connection oriented presentation service definition of the." this standard and GB/T 15695-1995 The differences are as follows.

- Change standard entitled "Information Technology OSI Presentation service definition";
- Increased connectionless information transfer technical content (see 7.6);
- Increased registration Appendix B abstract syntax.

The Standard Annexes A and B are normative appendix.

The standard proposed by the People's Republic of China Ministry of Information Industry.

This standard by the National Information Technology Standardization Technical Committee.

This standard was drafted. Ministry of Information Industry Institute of Electronics Industry Standardization.

Introduction

This standard is a set of standards in order to facilitate the interconnection of information systems and the development of one, it OSI Reference Model A set of standards (GB/T 9387) defined by other standards-related. Interconnection reference model will be broken down into a series of standardized field having AUM layer specification.

OSI aims to make all kinds of information processing system to use as little technical agreement outside the interconnection standards to achieve interoperability Even these systems can

- From different manufacturers;

- With different management methods;
- Having different levels of complexity;
- Belong to different periods.

This standard defines the application layer service entity within the reference model that can be used.

The standard notes application entities have a variety of reason to hope that communicate with each other, but not all systems use the same method to represent it. We hope the information communicate with each other and should therefore agree on major issues of communication and information given to the meaning. It indicates that the service provides transfer. Appropriate method of information delivery, to ensure that during the transfer of semantic change.

To realize that, to express the quality of service as described in Chapter 9 (QOS) is concerned, the work is still in progress, in order to involve the reference model all layers. QOS provide comprehensive treatment, and to ensure that the individual layers can be processed to meet the overall objectives consistent with the QOS. So give this standard adds a Supplement to reflect the further development and integration of QOS.

GB/T 15695-2008/ISO/IEC 8822:1994 Information technology - OSI Presentation service definition

1 Scope

1.1

standard (in an abstract way) is defined according to the following. OSI represents the external visible layer provides services.

- a) in the user/service boundary primitive action and event;
- b) associated with each primitive action and event parameter data;
- c) the relationship between these actions and events and their effective order.

1.2

This standard is defined by the OSI Presentation service agreement (together with the OSI session service) provided and for each OSI Application Protocol use.

1.3

This standard is not a specification implementations or products, nor constraint implementation of entities and interfaces within a computer system, and therefore whether the absence of this standard is consistent problem.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard. However, to encourage the parties to agreements based on this research Study whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

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 9387.3-1995 Information processing systems - Open Systems Interconnection - Basic Reference Model - Part 3. Naming and addressing (Idt ISO/IEC 7498-3. 1989) GB/T 15128 Information processing systems - Open Systems Interconnection - Session service definition (GB/T 15128-2008, idt ISO 8326.

1996)

GB/T 15696-1995 Information processing systems - Open Systems Interconnection - Connection oriented presentation protocol specification of (idt ISO 8823.

1988)

GB/T 16262 (all parts), Information technology - Open Systems Interconnection - Abstract Syntax Notation One (ASN.1) (idt ISO/IEC 8824:2002) GB/T 17546.1 Information technology - OSI Connectionless presentation protocol Part 1. Protocol specification (GB/T 17546.1-1998, idt ISO/IEC 9576-1:1995) Practice GB/T 17969.1-2000 Information technology - OSI OSI registration authorities - Part 1. General Regulations Cheng (eqv ISO/IEC 9834-1:1993) ISO/T R8509. 1987 Information processing systems - Open Systems Interconnection - Service conventions CCITT Recommendation X. 410-1984 Message Handling System Remote operation and reliable delivery service

3 Terms

This standard uses the following terms.

Terminology 3.1 Basic Reference Model the concept of this standard to GB/T 9387 proposed as the basis, and uses the following terms are defined.

a) application entity;

GB/T 15695-2008/ISO/IEC 8822:1994