

ICS 35.100.01
CCS L 79



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

GB/T 9387.3-2008

Replacing GB/T 9387.3-1995

**Information technology -- Open systems interconnection --
Basic reference model -- Part 3: Naming and addressing**

信息技术 开放系统互连 基本参考模型 第3部分：命名与编址

(English Translation)

Issued on: September 1, 2008

Implemented on: February 1, 2009

Issued by: Standardization Administration of China

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Foreword

GB/T 9387 "Information technology - Open Systems Interconnection - Basic Reference Model" is currently divided into four parts.

- Part 1. The basic model;
- Part 2. Security Architecture;
- Part 3. Naming and addressing;
- Part 4. Management framework.

This part identical with ISO/IEC 7498-3:1997 "Information technology - Open Systems Interconnection - Basic Reference Model - Part 3. life Name and addressing ", only editorial changes.

This Part replaces GB/T 9387.3-1995 "Information processing systems - Open Systems Interconnection - Basic Reference Model - Part 3. Naming and addressing. " this section proposed by the People's Republic of China Ministry of Information Industry.

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

This section drafted by. Ministry of Information Industry Institute of Electronics Industry Standardization.

Introduction

This section extends the concept of the identifier 9387.1-1998 GB/T described the basic architecture.

This section GB/T 9387 statement of an architecture guidelines for interconnection purposes in the OSI environment (OSIE) rather any object identification involves the development of (name) and location (addressing) standard, should follow this section.

This section is flexible enough to accommodate the expansion of advances in technology and user requirements, which allow flexibility also means that existing Achieve a gradual

transition to the OSI standard.

Note 1: This section is expected to obey in the future, especially with the entity data transmission Multi-peer (MPDT) consistent.

Construction standards system in this section set forth in order to ensure that any one of the OSIE interconnection purposes related to object identification and location What national standards will.

a) avoid any restrictions in the following areas.

1) function may appear in the current or future national and international standards;

2) function for any real open system;

3) Internal any real open system design.

b) remain in the middle OSIE independence standards. That is an internal function layer is not any other layer of restrictions.

c) Reserved achieve independence guidelines OSIE GB/T 9387.1-1998 described in 4.2. That is, any real open system (Or manager) will not need to know that other real open system (or manager) to achieve the design, there is no need to expose themselves to the realization of set Count as a condition of using the OSI standard for communication.

d) in OSIE single standard in order to allow the interconnection support savings, especially that arising in the framework of this section shall be illustrated in OSIE facilitate the interconnection required to identify and locate objects, so that in performance, reliability and integrity aspects Achieve adequate standards and reduce manual administration.

In this section, for the naming and addressing OSIE description done step by step.

Note 2: The demand for OSIE naming and addressing, and the definition of 9387.1-1998 GB/T inadequate in this section gives a clear fundamental Architecture.

GB/T 9387.3-2008/ISO/IEC 7498-3:1997 Information technology - Open Systems Interconnection - Basic Reference Model Part 3. Naming and addressing

1 Scope

GB/T 9387 This section defines the basic mechanisms of names and addresses in OSIE in order to identify and locate objects and use. The base Hierarchy of the reference model defined in the use of these mechanisms.

This section extends the concept and criteria GB/T 9387.1-1998 defined in this section is neither intended as an implementation specification, I do not want to become a basis for achieving consistency evaluation.

The canonical form name and address is not within the scope of this.

2 Normative references

The following documents contain provisions which, through reference to GB/T 9387 to the present, 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, under this part are encouraged to reach 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 processing systems - Open Systems Interconnection - Basic Reference Model - Part 4. Management Framework (idt ISO/IEC 7498-4. 1989) GB/T 12500-2008 Information technology - OSI transport services provide connectivity protocols (ISO/IEC 8073.

1997, IDT)

GB/T 15126-2008 Information technology - Open Systems Interconnection - Network service definition (ISO/IEC 8348:2002, IDT) GB/T 16974-1997 Information technology - data communication data terminal equipment X. 25 Packet Layer Protocol (idt ISO/IEC 8208.

1995)

GB/T 17176-1997 Information technology - OSI Application Layer Structure (idt ISO/IEC 9545:1994) GB/T 17967-2000 Information technology - Open Systems Interconnection - Basic Reference Model OSI service definition conventions (idt ISO/IEC 10731:1994)

3 Definitions

3.1

The following terms are used in the part of GB/T 17176-1997 defined.

- a) application process type of application-process-type;
- b) application process calls application-process-invocation.

3.2

The following terms are used in the part of GB/T 17967-2000 defined.

- a) (N) service request primitive [(N) -service-request-primitive];
- b) (N) service indication primitive [(N) -service-indication-primitive];
- c) (N) service response primitive [(N) -service-response-primitive];
- d) (N) service confirm primitive [(N) -service-confirm-primitive].