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

GB/T 16264.5-2008

Replacing GB/T 16264.5-1996

**Information technology -- Open systems interconnection -- The
directory -- Part 5: Protocol specifications**

信息技术 开放系统互连 目录 第5部分: 协议规范

(English Translation)

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Foreword

GB/T 16264 "Information technology - OSI Directory" includes the following 10 sections.

--- Part 1. Overview of concepts, models and services;

--- Part 2. Model;

--- Part 3. Abstract service definition;

--- Part 4. Procedures for distributed operation;

--- Part 5. Protocol specification;

--- Part 6. Selected attribute types;

- Part 7. Selected object classes;
- Part 8. a public key and attribute certificate frameworks;
- Part 9. Copy (to be published);
- Part 10. System Management uses common directory management mechanism (to be released).

This part of GB/T 16264 Part 5.

This part identical with ISO/IEC 9594-5:2005 "Information technology - OSI Directory Protocol Specification", just edit Modifications.

This Part replaces GB/T 16264.5-1996.

This portion of the GB/T 16264.5-1996 The differences are as follows.

- Adds support for TCP/IP protocol;
- Increased the OSI and TCP/IP support both protocols coexist;
- Increased Internet direct mapping;
- Increased and extended version of the rules.

This section of the Appendix A, Appendix B, Appendix C, Appendix D, Appendix E, Appendix F is a normative appendix.

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.

Introduction

GB/T 16264 in this section, together with the other parts of this standard is to facilitate the interconnection of information processing systems to provide directory services customized. A set of such systems, together with the directory information which they hold, can be considered as a whole, known as the "directory." Directory Have information, collectively called the directory information base (DIB), is typically used to facilitate communication between subject and object, and the object of communication or related objects Communications, etc. These objects application entities, people, terminals and distribution lists as.

Play in the OSI Directory in a key role, with the goal, in addition to their own interconnection standards minimum of technical agreement Under the circumstances, to allow interconnection between the following kinds of information processing systems.

- From different manufacturers;

- Having different management;
- Having a different degree of complexity, as well as
- There are different times.

This section provides the --- Directory Access Protocol (DAP) and Directory System Protocol (DSP) application service elements and application of two agreements Below. DAP to access the directory for use, in order to retrieve or modify directory information. DSP link request for use, in order to be able to have the appropriate Other parts of the distributed directory information retrieval system or modify directory information.

In addition, this section also provides directory information imaging protocol (DISP) and directory operations Binding Management Protocol (DOP) application service element and application context. DISP image information in a DSA to have another DSA. DOP provides binding between the DSA on Create, modify, and terminate functions to manage the relationship (such as image relationship or hierarchy) DSA between.

This section provides a basic framework, in this framework, based on other standards groups and industry forums industry profiles can be defined.

Many of the features defined as optional in these frameworks, through profiles description, under certain circumstances be used as a mandatory feature. ISO/IEC 9594 is the 5th edition of the original international standard 4th edition revises and enhances, but does not replace. Implementations may still claim compliance Through 4th edition. However, in some respects, the fourth edition will not be supported (ie no longer eliminate some reports up errors). Recommended system implementation Followed when the fifth edition as soon as possible.

5th edition detailed definition of the first edition and the second edition of the directory protocol.

Version 1 and Version 2 only defines the protocol version 1. This version (Version 5) a number of services and protocols defined is designed to be run in the first edition. However, some enhanced services and protocols, such as error signature, all directory entries only included in the operation have negotiated Support agreement before running the second edition. Whether the difference between what is negotiated Edition, 5th Edition defined between services and protocols Differences, except for those specifically assigned to version 2, but can be extended using the rules GB/T 16264.5-2008 defined in the regulation.

This section uses the term "first edition systems" to refer to comply with international standards of the first edition of the system, namely ISO/IEC 9594:1990 edition;

This section uses the term "second edition systems" to refer to all systems in accordance with international standards of the second edition of that ISO/IEC 9594:1995 edition; this

Section uses the term "third edition systems" to refer to systems conforming to international standards 3rd edition of the system, namely ISO/IEC 9594:1998 edition; this section the term "4th edition systems" to refer to the fourth edition follows the international standard for all systems, namely ISO/IEC 9594:2001 version of Part 1 to Section 10; This section uses the term "fifth edition systems" to refer to all systems in accordance with international standards fifth edition, namely ISO/IEC 9594.

2005 version.

GB/T 16264-1996 reference to ISO/IEC 9594:1990 and developed. Our country has not established international standards Version 2, 3 Edition, 4th Edition corresponding national standards. The version number in this section refers mostly to international standard version.

Appendix A is a normative appendix provides a public ASN directory protocol specification. 1 module definition.

Appendix B is a normative appendix provides ASN OSI protocol specification. 1 module definition.

Appendix C is a normative appendix provides a catalog of OSI protocols ASN. 1 module definition.

GB/T 16264.5-2008/ISO/IEC 9594-5:2005 Appendix D is a normative appendix provides ASN IDM protocol specification. 1 module definition.

Appendix E is a normative appendix provides a directory IDM ASN agreement. 1 module definition.

Appendix F is a normative appendix provides ASN. 1 module definitions, including the identity of the operating parts of this series binding type points

All ASN assigned. 1 object identifier.

GB/T 16264.5-2008/ISO/IEC 9594-5:2005 Information technology - OSI Directory Part 5. Protocol specifications

1 Scope

GB/T 16264 in the provisions of this part of the Directory Access Protocol directory system protocol, directory information and directory operations imaging protocol bindings tube Factoring agreement, to be implemented in GB/T 16264.2-2008, GB/T 16264.3-2008, GB/T 16264.4-2008 and ISO/IEC 9594-9:2005 specified in the abstract service.