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

GB/T 16264.2-2008

Replacing GB/T 16264.2-1996

**Information technology -- Open systems interconnection -- The
directory -- Part 2: Models**

信息技术 开放系统互连 目录 第2部分: 模型
(English Translation)

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Introduction

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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 2.

This part identical with ISO/IEC 9594-2:2005 "Information technology - OSI directory model", only editorial modify.

This Part replaces GB/T 16264.2-1996.

This portion of the GB/T 16264.2-1996 difference is the addition of the following elements.

- Directory management model;
- Directory management and operational information model;
- Directory schema;
- Directory Services Administration;
- DSA model;
- DSA information model;

--- DSA operational framework;

--- Expanded GB/T 16264.2-1996 pieces of content in each chapter.

This section of the Appendix A ~ Appendix H is a normative appendix, Appendix Appendix I ~ T is informative 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 a different set of directory model as a framework for the rest of the reference. These models include the overall (functional) model, the tube Body model, provide information on the directory and manage users view, universal directory information model directory information, generic Directory System Agent (DSA) and DSA information models and operational framework and a security model.

For example, common information model describes the object directory of information about how to group, forming the object directory entry information as well as those it provided the name (title) for the object.

Generic DSA and DSA information models and operational framework for distributed directory provides support.

This section provides a general directory of specialized information models to support the

management of the directory schema.

This section provides the 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, you can configure the set of instructions, under certain circumstances be used as a mandatory feature. Currently ISO/IEC 9594 is the 5th edition of the original international standard 4th edition revises and enhances, but does not replace. Still can be declared at the time of system implementation to comply with the 4th edition. However, in some respects, the fourth edition will not be supported (ie no longer eliminate some reported defects). Recommended system Subject to section 5 when the plate 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 signature errors, all directory entries only included in the operation are 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 summarizes this standard ASN. 1 object identifier usage.

Appendix B is a normative appendix provides ASN. 1 module.

Appendix C is a normative appendix provides ASN subschema Management. 1 definition.

GB/T 16264.2-2008/ISO/IEC 9594-2:2005 Appendix D is a normative appendix provides a service management ASN. 1 module definition.

Appendix E is a normative appendix provides basic access control ASN. 1 module definition.

Appendix F is a normative appendix provides an ASN. 1 module definition The module contains all the DSA operational attribute types

Related definitions.

Appendix G is a normative appendix provides an ASN. 1 module definition, the module contains the binding management operations and related operations

All definitions.

Appendix H is a normative appendix provides an ASN. 1 module definition, the module contains all relevant and enhanced security

definition.

Appendix I is informative appendix mathematical terminology associated with tree outlined.

Appendix J is informative appendix describes some guidelines for the design name (called) when can be considered.

Appendix K is informative appendix, different aspects of the model provides some examples.

Appendix L is informative appendix provides an overview of the basic access control and license-related aspects of semantics.

Appendix M is informative appendix provides an extended example of a basic access control usage.

Appendix N is informative appendix describes some DSA-specific entry combinations.

Appendix O is informative appendix provides a knowledge modeling framework.

Appendix P is informative appendix describes a name (called) is an alternative distinguished name or the primary distinguished name, whether it may include alternative

Value and whether it can include context information like criterion.

Appendix Q is informative appendix describes the concept of sub-filters.

Appendix R is informative appendix describes how family members naming suggestions and examples.