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

GB/T 17969.3-2025

Replacing GB/T 17969.3-2008

**Information technology - Open systems interconnection - Procedures for the
operation of OSI registration authorities - Part 3: Registration of object identifier
arcs beneath the top-level arc jointly administered by ISO and ITU-T**

信息技术 开放系统互连 OSI登记机构的操作规程 第3部分：ISO和ITU-T联合管理的
的顶级弧下的对象标识符弧的登记

(English Translation)

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents".

Drafting.

This document is Part 3 of GB/T 17969 "Operating Procedures for Open Systems Interconnection (OSI) Registry".

GB/T 17969 has published the following parts.

---Part 1: General Procedures and Top-Level Arcs of the International Object Identifier Tree;

---Part 3: Registration of object identifier arcs under the top-level arc jointly managed by ISO and ITU-T;

---Part 5: Registration Form for VT Controlled Object Definitions;

---Part 6: Registration of Application Processes and Application Entities;

---Part 8: Generation of Universally Unique Identifiers (UUIDs) and their use in object identifiers.

This document replaces GB/T 17969.3-2008 "Operating Procedures for OSI Registry Authorities - Part 3" the document, "Registration of Object Identifier Arcs under Top-Level Arcs Jointly Managed by ISO and ITU-T," differs from GB/T 17969.3-2008 except for structural...

Aside from adjustments and editorial changes, the main technical changes are as follows.

- a) The scope has been changed (see Chapter 1, Chapter 1 of the 2008 edition);
 - b) The terminology in "ASN.1 Terminology" has been changed (see 3.1, 2008 edition of 3.1);
 - c) The term "catalog terminology" was changed to "international object identifier tree terminology," and the corresponding terminology was modified (see 3.2, 2008 edition).
 - d) Change "RH Name Tree and Object Identifier Tree Terminology" to "Additional Definitions" and modify the corresponding terminology (see 3.3, 2008 edition).
 - e) The terms and definitions for "Registration Form" and "RH Name Tree Node Name" have been removed from "Additional Definitions" (see 3.4 in the 2008 edition);
 - f) The RH name tree was removed (see Chapter 4 of the 2008 edition);
 - g) Added content related to "New Node Allocation" (see 5.3) and "Node Allocation Rules" (see 5.4);
 - h) Changes have been made to the "Registration Form Entry Information Elements" (see 6.1, 2008 version 6.1);
 - i) Changes were made to the contents of the "Registration Entries" (see 6.2, 2008 edition);
 - j) Changes were made to "Registration Form Maintenance" (see 7.1, 7.1 in the 2008 edition), "Record Entries" (see 7.2, 7.2 in the 2008 edition), and "Deletion"...
- The relevant content of "Entries" (see 7.3, 2008 edition) and "Dispute Resolution" (see 7.5, 2008 edition);
- k) Changes were made to the "Modify Entries" section (see 7.4.2, 2008 version 7.4.2);
 - l) Version 7.4.3 has been removed (see the 2008 version of 7.4.3);
 - m) The relevant content regarding "OID Registries under Arc 2.16.156" has been modified (see 8.1, Chapter 8 of the 2008 edition);
 - n) Added "Record Entries" (see 8.2), "Delete Entries" (see 8.3), "Modify Entries" (see 8.4), and "Resolve Disputes" (see 8.5).

Related content.

This document is modified to adopt ISO/IEC 9834-3:2008 "Information technology - Open Systems Interconnection - Operating procedures for OSI Registry authorities".

Registration of object identifier arcs under the top-level arc, jointly managed by ISO and ITU-T.

This document has undergone the following structural adjustments compared to ISO/IEC

9834-3:2008.

---Chapter 8 has been added.

The technical differences between this document and ISO/IEC 9834-3:2008, and the reasons therefor, are as follows.

---The "scope" has been changed to include the allocation of object identifier values under the "2.16.156" arc in my country, to adapt to the registration of object identifier arcs in my country.

The demand;

---Added normative references for country code values GB/T 2659.1-2022 (see Chapter 8) and object identifiers (OIDs).

The normative reference document for the national numbering system and operating procedures is GB/T 26231-2017 (see Chapter 8);

---Added provisions for OID registration under my country's "2.16.156" (see Chapter 8).

The following editorial changes have been made to this document.

---To align with existing standards, this document has been renamed "Operational Guidelines for the OSI Registry of Open Systems Interconnection (OSI) Information Technology".

Part 3: Registration of object identifier arcs under the top-level arc jointly managed by ISO and ITU-T.

Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents.

This document was proposed and is under the jurisdiction of the National Information Technology Standardization Technical Committee (SAC/TC28).

Introduction

GB/T 17969 "Operating Procedures for Open Systems Interconnection (OSI) Registry" and GB/T 26231 "Information Technology" National Numbering System and Operating Procedures for Open Systems Interconnection Object Identifiers (OIDs), GB/T 35299-2017 "Information Technology Openness" "System Interconnection Object Identifier Resolution System" and GB/T 35300-2017 "Information Technology Open Systems Interconnection for Object Identifier Resolution" Together with the "Regulations for the Operation of the Analysis System," they constitute the basic national standard system supporting the registration and resolution of Object Identifiers (OIDs).

GB/T 17969, "Operating Procedures for Open Systems Interconnection (OSI) Registration Agencies," is proposed to consist of nine parts.

---Part 1: General Procedures and Top-Level Arcs of the International Object Identifier Tree. The purpose is to define the International Object Identifier Tree and its top arcs.

Level arc.

---Part 2: Registration Procedures for OSI Document Types. The purpose is to specify the registration content and target objects for OSI document types.

Recognize symbols.

---Part 3: Registration of object identifier arcs under the top-level arc jointly managed by ISO and ITU-T. The purpose is to identify the object.

The registration procedures for arcs include revisions and additions.

---Part 4: VTE Profile Registration Form. Its purpose is to specify the content for recording VTE profile information and its object identifier.

---Part 5: Registration Form for VT Controlled Object Definitions. The purpose is to specify the contents of the registration form.

---Part 6: Registration of Application Processes and Application Entities. The purpose is to define the registration procedures for application processes and application entities.

---Part 7: Registration of International Organizations by ISO and ITU-T. The purpose is to stipulate the allocation of globally unique names to international organizations.

The registration procedures of the registration agency.

---Part 8: Generation of Universally Unique Identifiers (UUIDs) and their use in object identifiers. The purpose is to define universal...

The procedure for generating unique identifiers and their use in object identifiers.

---Part 9: Registration of Tag-Based Application and Service Object Identifier Arcs. The purpose is to specify tag-based applications...

And the registration procedures for service object identifier registration agencies.

Open Systems Interconnection (OSI) Registry Operating Procedures Part 3: Joint Management by ISO and ITU-T Registration of object identifier arcs under the top-level arc of the theory

1 Scope

This document specifies the operational procedures for adding, modifying, and assigning entries for "arcs under the top-level arc with a major integer value of 2," as well as "2.16.156." Assignment of the under-arc object identifier value.

This document applies to the registration of object identifier arcs under the top-level arcs