

ICS 35.100.01
CCS L79



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

GB/T 26231-2017

Replacing GB/T 26231-2010

**Information technology - Open systems interconnection -
National numbering system and operation code for object
identifier(OID)**

信息技术 开放系统互连 对象标识符 (OID) 的国家编号体系和操作规程

Issued on: December 29, 2017

Implemented on: December 29, 2017

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and Definitions

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces the national numbering system and registration rules of GB/T 26231-2010, "OIS Open System Interconnection OID." Cheng, compared with GB/T 26231-2010, the main technical changes are as follows:

- The original standard name was changed to the National Numbering System and Operational Regulations for the OID of the Information Technology Open Systems Interconnection. Cheng";
- c) Change to OID registration procedures (see Chapter 1,.2010 version 1);
- Added Chapter 1
- d) Application Procedures for OID Branch Offices and
- e) OID Resolution Service Application Procedures (see Chapter 1);
- The title of Chapter 5 was changed to "Overview". The original contents were deleted and the contents of the OID operation procedure were added. (See Chapter 5,.2010 Edition.) Chapter 5);
- Added OID naming syntax, revised the numbering rules of
- a) to e), and in the original OID national numbering system Increase the OID branch in important areas (see 6.4, version
- Revised chapter 7 titled OID number registration procedures (see chapter 7,.2010 version 7);
- 7.1 Registration Procedures Overview (see 7.1);
- The original standard
- 7.1 was changed to 7.2. The process flow of adding only digital value was added to the registration flow chart (see 7.2,.2010 version 7.1);
- Removed Chapter 8 "Responsibilities of Registration Authorities" (Chapter 8 of the.2010 edition);

1 Scope

GB/T 26231-2017 is the Chinese national standard on information technology - open systems interconnection - national numbering system and operation code for object identifier(oid), in the field of information technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 29 December 2017 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 29 December 2017. Classification: ICS 35.100.01, CCS L79. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the OID numbering system, OID naming syntax, OID registration procedures, and OID branch authorization application procedures. OID resolution service acquisition procedure. This standard applies to the registration, management, operation and maintenance of OID.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article Pieces. For undated references, the latest version (including all amendments) applies to this document.

GB/T 1988-1998 Information Technology Information Exchange Seven-bit Coded Character Set

GB/T 2260 People's Republic of China Administrative Division Code

GB/T 2659 Names of countries and regions in the world

GB/T 4657 Central Party and government agencies, people's organizations and other agencies codes

GB/T 16262.1-2006 Information Technology Abstract Syntax Notation One (ASN.1) Part 1. Basic Notational Specification

GB/T 16263.1-2006 Information Technology ASN.1 Encoding Rules Part 1. Basic Encoding Rules (BER), Regular Encoding Rules (CER) and atypical coding rules (DER) specifications

GB 18030-2005 Information Technology Chinese Coded Character Set

GB/T 35299-2017 Information Technology Open Systems Interconnection Object Identifier

Analysis System (ISO / IEC 29168.2011, MOD)

GB/T 35300-2017 Information Technology Open Systems Interconnection Procedure for the use of object identifier resolution system operators ISO /

IEC 9834-3.2005 Information Technology Open Systems Interconnection OSI Registry Operational Procedures ISO and ITU-T Joint The registration of the object identifier arc under the top arc of management (Information technology-Open systems interconnection- Procedures for the operation of OSI registration authorities. Registration of object identifier arcs beneath the top-level arc jointly administered by ISO and ITU-T)

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Alphanumeric OID alphanumeric object identifier The applicant provides the alphanumeric object identifier auxiliary value that identifies its jurisdiction.

3.2 Chinese OID Chinese object identifier The object identifier auxiliary value provided by the applicant to identify the Chinese type of its jurisdiction.