

ICS 35.110  
CCS L79



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

**GB/Z 33750-2017**

---

**Internet of things - Guide for standardization**

物联网 标准化工作指南

**Issued on: May 12, 2017**

**Implemented on: May 12, 2017**

---

**Issued by: State Administration for Market Regulation;  
Standardization Administration of China**

## Table of Contents

|                                                                                                                                  |     |
|----------------------------------------------------------------------------------------------------------------------------------|-----|
| Foreword .....                                                                                                                   | III |
| 1 Scope .....                                                                                                                    | 1   |
| 2 Normative references .....                                                                                                     | 1   |
| 3 Terms and definitions .....                                                                                                    | 1   |
| 4 Principles of the standardization work .....                                                                                   | 1   |
| 4.1 Overall objective .....                                                                                                      | 1   |
| 4.2 Basic principles .....                                                                                                       | 1   |
| 5 Working procedure .....                                                                                                        | 2   |
| 5.1 Preliminary stage .....                                                                                                      | 2   |
| 5.2 Proposal stage .....                                                                                                         | 2   |
| 5.3 Drafting stage .....                                                                                                         | 3   |
| 5.4 Comment stage .....                                                                                                          | 3   |
| 5.5 Review stage .....                                                                                                           | 4   |
| 5.6 Approval stage .....                                                                                                         | 5   |
| 5.7 Publication stage .....                                                                                                      | 5   |
| 5.8 Periodic review stage .....                                                                                                  | 5   |
| 5.9 Implementation stage .....                                                                                                   | 5   |
| 6 Classification of internet of things standards .....                                                                           | 5   |
| 7 Structure and naming of the standard title .....                                                                               | 6   |
| 7.1 Structure and naming of the title of a basic common standard .....                                                           | 6   |
| 7.2 Structure and naming of the title of a sector application standard .....                                                     | 6   |
| Annex A (informative) Organizational structure of the national working group on basic standards for the internet of things ..... | 8   |

### Foreword

This instructional document has been drafted in accordance with the rules given in GB/T 1.1-2009. This Guidance Document is proposed and managed by the National Technical Committee for Information Technology Standardization (SAC/TC28). The drafting of the guidance of technical documents. China Electronics Standardization Institute, Shenzhen Institute of Standards and Technology, Wuxi Internet of things Industry Research Institute, Ministry of Public Security Institute of the third, Jiangsu Internet of Things Research and Development Center, Ministry of Public Security Institute. The main drafters of this technical

guidance document. Zhang Hui, Xu Dongmei, Li Yuanhong, Chen Shiyi, Tang forward, Mo Hongbo, Zhang Xiang, Feng Xueping. IOT standardization work guide

## 1 Scope

GB/Z 33750-2017 is the Chinese national standard on internet of things - guide for standardization, in the field of information technology. The /Z suffix marks it as a guiding technical document: it does not prescribe requirements that can be certified against, but sets out the technique, the method or the state of the art that the standards bodies recommend following. It was issued on 12 May 2017 by the State Administration for Market Regulation; Standardization Administration of China. As a guiding technical document it carries no separate date of entry into force: it applies from publication. Classification: ICS 35.110, 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 Guidance Document sets out the principles and working procedures for the standardization of IoT, the structure and nomenclature of standard names, and the IoT standard Quasi classification. This guidance applies to technical documents.

--- Internet of Things as the name of the elements of the national standard management work;

--- Internet of Things basic common standards of research and development work.

## 2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document. Phase division and code of national standard setting procedure Special procedures for the development of

GB/T 20003.1 Part 1 - Standards relating to patents

GB/T 33745-2017 Internet of Things terms

## 3 Terms and definitions

GB/T 33745-2017 defined and the following terms and definitions apply to this document.

3.1 Common foundation standard A standard that has a wide range of applicability or contains general provisions in a particular area. Note The basic commonality criteria can be applied directly or as a basis for other standards. Examples. Terminology, reference architecture, security, identification, information exchange and other standards.

3.2 Industry application standard industrialapplicationstandard In the IoT application area, a standard across the industry that meets the specific needs of the industry's applications.

## **4 Standardization work principle**

4.1 Overall goal This standard is intended for the IoT basic common standards and industry application standards development organizations (referred to as the standard-setting organizations, see Appendix A) to build Legislation standardization mechanism, to avoid conflicts of standard projects, to coordinate the standard system revision provides guidance.

4.2 The basic principle The basic principle is as follows: