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

**GB/T 16284.1-2008**

Replacing GB/T 16284.1-1996

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**Information technology -- Message handling systems (MHS) --  
Part 1: System and service overview**

信息技术 信报处理系统(MHS) 第1部分: 系统和服务概述  
**(English Translation)**

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## Foreword

GB/T 16284 in the "IT Message Handling System (MHS)" general title, is expected to include the following 10 sections.

--- PART 1 (ie, GB/T 16284.1). System and service overview;

- Part 2. General Structure;
- Part 4. Message transfer system. Abstract service definition and procedures;
- Part 5. Message store. Abstract service definition;
- Part 6. Protocol specification;
- Part 7. Interpersonal messaging system;
- Part 8. Electronic Data Interchange Message Service;
- Part 9. Electronic Data Interchange Message system;
- Part --- Article 10. MHS routing;
- Part 11. MHS routing. Message System Administrator's Guide (Technical Report).

This part of GB/T 16284 Part 1.

This section identical with the international standard ISO/IEC 10021-1:2003 "Information technology - Message Handling Systems (MHS) - Part 1.

Systems and Services Overview. " this Part replaces GB/T 16284.1-1996 "Information technology - Text communication - Message-oriented text interchange system (MOTIS) Part 1. System and service overview. " this portion of the GB/T 16284.1-1996 difference is.

--- Excerpts canceled GB/T 16284.1-1996 of "articles" structure, directly with the "reg" as the present version of the structure;

--- For references GB/T 16264.1 and GB/T 16264.2 those terms, in accordance with GB/T 16264.1-2008 and GB/T 16264.2-2008 revised accordingly;

--- Increasing the number of service elements.

This section of the Appendix A, Appendix B, Appendix C and Appendix D 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 16284 This part is one of the Message Processing a series of standards, the standard for open systems cooperating contain any number the message handling system (MHS) provides a comprehensive specification.

Message handling systems and services enable users to store and forward messages exchanged letters. Message sender submitted by the user, transmitted via Message System

(MTS) to transmit, then gradually submitted to one or more of Message recipient user. Wherein, MTS is the Message Handling System (MHS) is an important component.

MHS by a variety of interconnected functional entities. Message Transfer Agent (MTA) cooperate with each other to jointly complete the store and forward Message transfer Transmission function; Message store (MS) to provide storage and can be submitted to the Message Message, retrieval and management. User Agent (UA) to help users Access MHS; access unit (AU) to provide connectivity with other communication systems and various services (such as information and communication services, postal services).

This section provides the overall system and service description of message handling capability.

GB/T 16284.1-2008/ISO/IEC 10021-1:2003 Information technology - Message Handling Systems (MHS) Part 1. System and service overview

## **1 Scope**

GB/T 16284 in this section defines the overall system and service of MHS, as a general introduction to the MHS.

Message handling systems and other services will be specified in other parts of this standard. This section defines the message handling system kimono Classification service contents are shown in Table 1.

Technical characteristics of MHS is defined in GB/T 16284 in other parts. The overall architecture of MHS in ISO/IEC 10021-2:2003 requirements.