

ICS 35.100.30  
CCS L 78



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

**GB/Z 16506-2008**

Replacing GB/T 16506.1-1996; GB/T 16506.2-1996; GB/T 16506.3-1996

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**Information technology -- Telecommunications and information  
exchange between systems -- Protocol combinations to provide  
and support the OSI network service**

**(English Translation)**

**Issued on: August 19, 2008**

**Implemented on: January 1, 2009**

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

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## Foreword

This Guidance Document is equivalent to ISO/IEC TR 13532.:1995 "Telecommunication and Information Exchange Between Information Technology Systems Provide and Support OSI Network Services Protocol Portfolio "(in English).

This Guidance Document replaces GB/T 16506.1-1996 "Telecommunication and Information Exchange between Information Technology Systems and support for OSI Network Services Protocol Part 1. General Principles ", GB/T 16506.2-1996" Information Technology Systems Telecommunications and information exchange - Protocol combinations for the provision and support of OSI network services - Part 2. Networks providing and supporting connection methods Services "and GB/T 16506.3-1996" Telematics and information exchange between information technology systems Provision and support of OSI Network Services Part 3. Providing and Supporting Connectionless Web Services. " this guidance and technical documents GB/T 16506.1-1996, GB/T 16506.2-1996 and GB/T 16506.3-1996 not the difference is that the name has been changed to "Protocol Group for Providing and Supporting OSI Network Services for Telecommunications and Information Exchange Between Information Technology Systems Together "and added some technical content. Added as follows.

- ISO/IEC 8208 operation in DTE/DTE mode with ISO/IEC 10588;
- The operation of ISO/IEC 8208 in conjunction with GB/T 16966 in DTE/DCE mode;
- The operation of ISO/IEC 8208 in conjunction with GB/T 16966 in DTE/DTE mode;
- The operation of ISO/IEC 8208 in DTE/DCE mode together with ISO/IEC 10588;
- The operation of ISO/IEC 8208 in DTE/DCE mode together with ISO/IEC 10732;
- DTE/DTE mode together with ISO/IEC 10732 ISO/IEC 8208 operation.

The guidance of technical documents by the National Information Technology Standardization Technical Committee and focal point.

The guiding technical documents drafting unit. China Electronics Standardization Institute.

## Introduction

This guidance document provides a portfolio of protocols that are commonly used to provide and support OSI web services.

It is a replacement for GB/T 16506.1, GB/T 16506.2 and GB/T 16506.3.

In some layers of the OSI reference model architecture, it is possible to find within the single-layer protocol standard specification how to provide this layer of service all the information you need. Because of the large number of different subnet technologies and interconnection strategies that must be adapted, even single OSI networks Network protocol specification, the network layer is not possible. Therefore, the intent of this specification is to be used as a reference to the network layer protocol that can be used Information reference point for a method for OSI network services in various environments.

GB/T 15126 defines the OSI network services. GB/T 15274 outlines the architecture of the

framework used to define the network layer protocol and Describe the relationships that can participate in the various real-world components that provide web services. This Guidance Document describes GB/T 15274 Network layer architecture and the national standard network layer protocol that provides service in the instance of use.

GB/Z16506-2008/ISO/IEC TR13532.:1995 Information technology - Telecommunications and information exchange between systems A portfolio of protocols that provide and support OSI web services

## 1.1 Scope

This guideline technical document provides information on the combination of protocols that are typically used in publicly available networked environments Provide and support OSI web services. Chapter 2 provides information about the network services for connection methods, and Chapter 3 provides information on connectionless Access network information services.

## 1.2 Standard application

This guidance document is intended for use by ISO/IEC technical committees and other parties that require a combination of protocols and options Use, and protocol combinations and options can be used to provide and support OSI web services.

## 1.3 Normative references

The following documents contain provisions which, through reference in this Guidance Document, become the provisions of this Guidance Note document. All dated Reference documents, all subsequent amendments (not including errata content), or revisions do not apply to this guidance document, however, drums Recipients of the agreement based on this guidance document are encouraged to study whether the latest versions of these documents are applicable. All undated references the latest version of this document applies to this guidance document.

GB/T 7623-1987 automatic answering machine and/or parallel automatic calling device on the telephone automatic exchange network, including manual and Procedure for stopping the operation of the echo control device automatically when making a call (eqvCCITT Recommendation V.25. 1984) GB/T 9387.1-1998 Information technology - Open Systems Interconnection basic reference model - Part 1. The basic model (idt ISO/IEC 7498-1.:1994) GB/T 14399-2008 Information technology - Telecommunications and information exchange between systems Advanced data link control procedures and X. Description of 25LAPB compliant DTE data link procedures (ISO/IEC 7776.:1995, IDT) GB/T 15274-1994 Information Processing Systems Open Systems Interconnection Network layer's internal organizational structure (idt ISO 8648).

1988)

GB/T 15629.2-2008 Information technology - Telecommunications and information exchange between systems LAN and MAN special requirements Part 2. Logical Link Control (ISO/IEC 8802-2.:1998, IDT) GB/T 16966-1997 Information technology The packet-type terminal equipment connected to the Integrated Services Digital Network (ISDN) provides the OSI connection Network Services (idt ISO/IEC 9574.:1992) GB/T 16976-1997 Information technology - Telecommunications and information exchange between systems using X. 25 provides OSI connection method network Service (idt ISO/IEC 8878.:1992) GB/T 17179.1-1997 Information technology provides connectionless network services protocol - Part 1. Protocol Specifications (Idt ISO/IEC 8473-1.:1994) GB/T 17179.2-2000 Information technology provides connectionless network services protocol Part 2. by the GB/T 15629 (ISO/IEC 8802) subnet to provide low-level services (idt ISO/IEC 8473-2.:1995) Information technology - Protocol for providing connectionless network services Part 3. Information provided by X. T17179.3-2000. 25 subnet mention for low-level services (idt ISO/IEC 8473-3.:1995) GB/Z16506-2008/ISO/IEC TR13532.:1995