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

GB/T 17179.1-2008

Replacing GB/T 17179.1-1997

**Information technology -- Protocol for providing -- The
connectionless-mode network service -- Part 1: Protocol
specification**

信息技术 提供无连接方式网络服务的协议 第1部分：协议规范

(English Translation)

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Table of Contents

Introduction

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Abbreviations

5 5 Protocol Overview

6 6 protocol functions

7 PDU structure and coding

8 Low-level service delivery

9 Consistency

Appendix A (normative appendix) PICS proforma

Annex B (informative) Technical Support

Appendix C (Informative Appendix) PDU header error detection function algorithm

Foreword

GB/T 17179 "Information technology - providing the connectionless mode network service agreement" is divided into the following sections.

--- Part 1. Protocol specification;

--- Part 2. Provision of the underlying service by the GB/T 15629-2000/ISO/IEC 8802 subnetwork;

--- Part 3. by the GB/T 11595/X. 25 subnets provide low-level services;

--- Part 4. Provision of the underlying services provided by the OSI Data Link Service subnets;

--- Part 5. B-channel ISDN circuit switched by the Provision of the underlying service.

This is Part 1.

This section identical with the international standard ISO/IEC 8473-1:1998 "Information Technology for providing the connectionless mode network service agreement. Association Protocol Specification. " this Part replaces GB/T 17179.1-1997 "IT for providing the connectionless mode network service protocol - Part 1. Protocol specification".

Section compared with the GB/T 17179.1-1997 The main changes are as follows.

--- Update the normative references;

--- Increased 9.13 3.7.8 ~ 3.7.11, 6.3.1, 6.14, 6.21, 6.22, 7.12 and the like;

--- Changed 4.2, 5.3.1, 6.5, 6.9, 7.3.2, 7.5.1 and 7.5.5 of the part.

Appendix A of this section is normative appendix, Appendix B and Appendix C are informative appendices.

This part of the National Information Technology Standardization Technical Committee and centralized.

This section is drafted. Computing Center of Shandong Province, China Electronics Standardization Institute, Key Laboratory of Computer Network of Shandong Province.

Introduction

This section GB/T 17179 is one of a set of standards to facilitate the OSI generated. This set of standards covers Get This Kinds of interconnection services and protocols required.

This section is determined by the positional relationship with other relevant standards at the level of GB/T 9387.1-1998 defined. In particular, it is A network layer protocol. Protocol specified in this section may be used between the end system with two network entities, intermediate system between two network entities, End system or a network between the entities and a system of intermediate network entities. In the end system, it provides the GB/T 15126-2008 in Defined connectionless mode network service.

Relationship with the relevant protocol specification service definition is shown below.

GB/T 9387.1-1998 Information technology - Open Systems Interconnection - Basic Reference Model - Part 1. Basic model (idt ISO/IEC 7498-1:1994) GB/T 11595-1999 connected to public data networks of the packet data terminal equipment (DTE) and data circuit using a dedicated circuit Termination Interface (idt ITU-TX.25.1996) Equipment (DCE) between GB/T 12500-1990 Information processing systems - Open Systems Interconnection - Connection oriented transport protocol specification of (idt ISO 8073.

1986)

GB/T 15126-2008 Information technology - Open Systems Interconnection - Network service definition (ISO/IEC 8348:2002, IDT) Internal organizational structure GB/T 15274-1994 Information processing systems - OSI network layer (idt ISO 8648.

1988)

Inter GB/Z15629.1-2000 Information technology - Telecommunications and information exchange between local area networks and metropolitan area networks Specific requirements Part 1. Summary of LAN standards (idt ISO/IEC TR8802-1:1997) GB/T

17179.1-2008/ISO/IEC 8473-1:1998