

ICS 35.100.70

CCS L 79



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

GB/T 16687-1996

Replacing GB/T 16687-1996

**Information technology -- Open systems interconnection --
Connection-oriented protocol for the Association Control
Service Element -- Part 1: Protocol specification
(English Translation)**

Issued on: August 19, 2008

Implemented on: January 1, 2009

Issued by: Standardization Administration of China

Table of Contents

Introduction	
Introduction	
1 Scope	
2 Normative references	
3 Terms and definitions	
4 Abbreviations	
5 Conventions	
6 Protocol Overview	
7 Protocol elements	
8 Indicates that the service is mapped to	
9 ACSEAPDU structure and coding	
Consistency 10	
11 Priority	
12 Registration requirements	
Appendix A (normative appendix) ACPM state table	
Appendix B (normative) using a password authentication mechanism	

Foreword

GB/T 16687 "Information technology - OSI connection-oriented protocol association control service element" is divided into the following sections.

--- Part 1. Protocol specification;

--- Part 2. Protocol Implementation Conformance Statement (PICS) proforma.

This is Part 1.

This section identical with the international standard ISO 8650-1:1996 Information Control Service "Information Technology OSI connection-oriented Elements of protocol. Protocol specification ", in accordance with ISO 8650-1:1996/Amd. 1.1997 'amendments 1 "and ISO 8650-1:1996/Amd. 2.

1998 "amendments 2" has been revised accordingly and use the "||" indicated in the corresponding provisions of the.

--- Modify the content 9.1,7.1.3 and 8.1;

--- Increased by 6.4 and 12.4 and other content.

This Part replaces GB/T 16687-1996 "Information technology - OSI Association Control Service Element Protocol Specification." Section compared with the GB/T 16687-1996 The main changes are as follows.

--- 3,4,6.1,7.1,7.2,9.1,9.2 and modify the contents of Appendix A and the like;

--- Increased 6.2,6.4,8.1.2.3,8.1.3.3 and 12.4 and other content.

This section of the Appendix A, Appendix B is a normative appendix.

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

GB/T 16687 in this section is one of a set of standards in order to facilitate the interconnection of information processing systems have been made. It is interconnected with the open system Parameter model (GB/T 9387.1-1998) a set of criteria defined by other standards related. Interconnection reference model of the standardized range Subdivided into a series of manageable size specification layer.

OSI's goal is to use a minimum of technical agreement outside the interconnection standards to achieve the interconnection of information processing systems, these letters Information processing systems.

--- From different manufacturers;

--- Under different management;

a) for the application link control and application protocol transmission entity authentication information;

b) the ACSE protocol and external events occur showing the interaction between;

c) represented ACSEAPDUs abstract syntax.

ACSE protocol defined in the following manner.

a) by using the express service interactions between peer ACSE protocol machine;

b) ACSE protocol machine and its service interaction between users.

This specification also implement these procedures system specifies conformance requirements. It does not include used to demonstrate conformance testing.

2 Normative references

The following documents contain provisions which, through reference GB/T 16687 in this section, constitute provisions of this part. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

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 9387.2-1995 Information technology - Open Systems Interconnection - Basic Reference Model - Part 2. Security Architecture (Idt ISO/IEC 7498-2. 1989) GB/T 9387.3-2008 Information technology - Open Systems Interconnection - Basic Reference Model - Part 3. Naming and addressing (ISO/IEC 7498-3:1997, IDT) GB/T 15128-2008 Information technology - Open Systems Interconnection - Session service definition (ISO/IEC 8326:1996, IDT) GB/T 15695-2008 Information technology - Open Systems Interconnection - Presentation service definition (ISO/IEC 8822:1994, IDT) GB/T 16262.1-2006 Information technology - Abstract Syntax Notation One (ASN.1) - Part 1. Specification of basic notation (ISO/IEC 8824-1:2002, IDT) GB/T 16263.1-2006 Information technology - ASN. 1 encoding rules Part 1. Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) specification (ISO/IEC 8825-1:2002, IDT) GB/T 16264.2-2008 Information technology - OSI Directory - Part 2. Model (ISO/IEC 9594-2.

GB/T 16687.1-2008/ISO/IEC 8650-1:1996