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

GB/T 23270.2-2023

Replacing GB/T 23270.2-2009

**Information and documentation - Open systems interconnection -
Interlibrary loan application protocol specification - Part 2: Protocol
implementation conformance statement (PICS) proforma**

信息与文献 开放系统互连 馆际互借应用协议规范 第2部分：协议实施一致性声明
(PICS) 条文

(English Translation)

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Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part 1: Structure and Drafting Rules of Standardization Documents" Drafting.

This document is Part 2 of GB/T 23270 "Interlibrary Loan Application Protocol Specification for the Interconnection of Information and Document Open Systems".

GB/T 23270 has published the following parts.

---Part 1: Agreement Statement;

---Part 2: Protocol Implementation Conformance Statement (PICS) provisions.

This document replaces GB/T 23270.2-2009 "Information and Document Open System Interconnection Interlibrary Loan Application Protocol Specification Part 2" "Provisions of Protocol Implementation Consistency Statement (PICS)". Compared with GB/T 23270.2-2009, in addition to structural adjustments and editorial changes, the main the technical changes are as follows.

- a) Delete IEC, ISO and TC in "Abbreviations" (see Chapter 4, Chapter 4 of the 2009 edition);
- b) Added an overview of "Symbols defined in the Articles" (see 7.1);
- c) Changed some parameter names and parameter attributes of "Support for APDU Parameters" in Appendix A (see A.10, 2009 version A.10);
- d) Changed some parameter names of "General Parameters" in Appendix A (see A.11, 2009 version of A.11);
- e) Changed the parameter attributes of "'selection' type parameters" in Appendix A (see A.12, 2009 version of A.12);
- f) Changed some parameter names and parameter attributes of "'Enumerated' type parameters" in Appendix A (see A.13, 2009 version of A.13).

This document is equivalent to ISO 10161-2:2014 "Information and Documentation Open System Interconnection Interlibrary Loan Application Protocol Specification 2" Section. Protocol Implementation Conformance Statement (PICS) Provisions".

Please note that some content in this document may be subject to patents. The publisher of this document assumes no responsibility for identifying patents.

Introduction

The goal of open system interconnection is to enable non-standard interconnection computer systems to achieve the following types of System and standard interconnections.

- a) Computer systems from different manufacturers;
- b) Computer systems between different departments;
- c) Computer systems of varying complexity;
- d) Computer systems produced in different eras.

The open system interconnection reference model divides system interconnection into multiple functional layers and standardizes the functions of each layer to facilitate management.

reason. GB/T 23270 is one of a series of national standards that promotes the interconnection of computer systems (in the field of information and documentation). It is consistent with GB/T 9387 A series of national standards defined are closely related. GB/T 23270 aims to establish interlibrary loan (Inter-library loan) standards that are generally applicable to the information and documentation fields.

The application protocol for libraryLoan (referred to as ILL) is intended to be composed of two parts.

---Part 1: Agreement Statement. The purpose is to establish communication protocol specifications for interlibrary loan so that all parties involved in interlibrary loan affairs can Carry out various tasks according to the specification requirements of the agreement.

---Part 2: Protocol Implementation Conformance Statement (PICS) provisions. The purpose is to implement a declaration of conformity according to the agreement in Part 1 Requirements, establishing the requirements and usage details applicable to the product implementing the Declaration of Conformity provisions of the Agreement.

In order to evaluate the consistency of the Open Systems Interconnection (OSI) protocol with a specific protocol implementation product, the protocol needs to be implemented on this product.

Describe what specific features and options are proposed. This description is called a Protocol Implementation Conformance Statement (PICS).

PICS provisions are developed as supporting standards for OSI protocol standards. It is prepared in the form of a questionnaire by the industry that claims to implement the agreement.

Product supplier to fill in. The completed questionnaire will become the PICS for the product. The statement needs to indicate what features and options have been implemented, and What limitations may hinder interconnection. PICS allows customers of a product to evaluate the conformance of specific implementation content with the standard and determine whether the product to meet customer requirements.

This document defines PICS provisions, which are used to express the consistency

requirements of GB/T 23270.1 in detail, and also provide the use of PICS provisions.
detail.

The level of detail required by PICS provisions is higher than that of agreement specifications. In addition to requiring detailed information on the implementation of the agreement, it also requires actual implementation.

Donor details.

Information and Documentation Open System Interconnection Interlibrary Loan Application Agreement Specification Part 2.

Protocol Implementation Conformance Statement (PICS) Provisions

1 Scope

This document defines ISO 10161-1 in accordance with the relevant preparation guidelines for PICS provisions and other relevant requirements given by ISO/IEC 9646-2 the Protocol Implementation Conformance Statement (PICS) provisions of the Interlibrary Loan (ILL) Agreement are specified in.

Any implementer that declares consistency with ISO 10161-1 must complete this provision as part of its conformance requirements.

2 Normative reference documents

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, the dated quotations for undated referenced documents, only the version corresponding to that date applies to this document; for undated referenced documents, the latest version (including all amendments) applies to this document.

GB/T 23270.1-2023 Information and document open system interconnection interlibrary loan application protocol specifications Part 1: Protocol theory Instructions (ISO 10161-1:2014,IDT) ISO 10161 (all parts) Specification for interlibrary loan application protocols for interconnection of open systems for information and documentation (Information and Note. GB/T 23270 (all parts) Information and document open system interconnection interlibrary loan application protocol specification [ISO 10161 (all parts)] ISO 10161-1 Information and document open system interconnection interlibrary loan application protocol specification Part 1: Protocol specification (In-Note. GB/T 23270.1-2023 Information and document open system interconnection interlibrary loan application protocol specifications Part 1: Protocol specification (ISO 10161-1:2014,IDT) ISO/IEC 9646-1 Information technology open system interconnection conformance testing methods and framework Part 1: Basic concepts (Infor-work-Part 1: Generalconcepts) Note. GB/T 17178.1-1997 Information technology open system interconnection conformance testing