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

GB/T 29271.6-2019

**Identification cards -- Integrated circuit card programming
interfaces -- Part 6: Registration authority procedures for the
authentication protocols for interoperability**

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Foreword

GB/T 29271 "Identification Card IC Card Programming Interface" is divided into the following parts.

- Part 1. Architecture;
- Part 2. Universal card interface;
- Part 3. Application interface;
- Part 4. Application Programming Interface (API) management;
- Part 5. Test procedures;
- Part 6. Registration management procedures for an interoperable authentication protocol.

This part is the sixth part of GB/T 29271.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This section uses the redrafting method to refer to ISO /IEC 24727-6.2010 "Identification Card IC Card Programming Interface Part 6.

The registration management procedures for the implementation of interoperable authentication protocols are not equivalent to ISO /IEC 24727-6.2010.

1 Scope

This part of GB/T 29271 defines the following procedures for registration management of authentication protocols that implement interoperability.

- Registration of authentication protocols (including cryptographic algorithms used in authentication protocols, test methods for authentication protocols, and conformance authentication, etc.)

management;

--- Registration management of the protocol adoption party (the parties that have adopted the registered authentication protocol to achieve interoperability).

This part applies to the management of the authentication protocol interoperability of the integrated circuit card management organization and the mutual authentication of the integrated circuit card user to the authentication protocol.

Registration.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 26231-2017 National Technical Numbering System and Operating Procedures for Information Technology Open Systems Interconnection Object Identifier (OID)

GB/T 29271.3-2014 Identification card IC card programming interface Part 3. Application interface (ISO /IEC 24727-3.

2008, MOD)

GB/T 29271.4 Identification card IC card programming interface Part 4. Application Programming Interface (API) management

(GB/T 29271.4-2019, ISO /IEC 24727-4.2008, MOD)

ISO /IEC 24727-5 Identification Cards - Integrated Circuit Card Programming Interface Part 5. Test Procedures (Identificationcards-In-

tegratedcircuitcardprogramminginterfaces-Part 5.Testingprocedures)

3 Terms and definitions

The following terms and definitions as defined in GB/T 29271.3-2014 apply to this document.

3.1

Applicant applicant

The organization or individual applying for registration.

3.2

Authentication protocol adopts authentication-protocol-adoption

Adopt a registered authentication protocol to achieve interoperability.

3.3

Registration authority

The organization that accepts and manages the registration matters specified in this section.

3.4

Registrar registrant

The organization or individual that has registered the authentication protocol, or the registered authentication protocol adopter.