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

GA/T 1723.2-2020

**CTID online authentication - Authentication services - Part 2:
Requirements for service interface**

居民身份网络认证 认证服务 第2部分：服务接口要求
(English Translation)

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Table of Contents

Foreword
Introduction
1 Scope
2 Normative references
3 Terms, definitions and abbreviations
3.1 Terms and definitions
3.2 Abbreviations
4 General
4.1 Overview
4.2 Function
5 Interface frame
5.1 Overview
5.2 Overall Framework
6 Interface definition
6.1 Overview
6.2 Identity Authentication Service
6.3 Network certificate download service
6.4 Certification results
Reference

Foreword

GA/T 1723 "Resident Identity Network Authentication Service" is divided into 5 parts:

- Part 1: Certification classification;
- Part 2: Service interface requirements;
- Part 3: Information acquisition control interface requirements;
- Part 4: Technical requirements for face image acquisition controls;
- Part 5: Face comparison engine interface requirements:

This part is part 2 of GA/T 1723:

This section was drafted in accordance with the rules given in GB/T 1.1-2009:

Please note that certain contents of this document may involve patents: The publishing organization of this article does not bear the responsibility for identifying these patents:

This part was proposed and managed by the Technical Committee for the Standardization of Social and Public Security Applications of the Ministry of Public Security:

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Introduction

Resident identity network authentication is one of the important links in the national implementation of the network credible identity strategy: Due to the virtual nature of the Internet Point, the traditional identity authentication method can no longer meet the needs of network user applications, and network identity authentication has a variety of authentication methods, Identity information is difficult to distinguish between true and false and other disadvantages, and it has caused new security issues such as data leakage, identity fraud, and privacy dissemination, and even threatened the country:

Safety: For this reason, it is urgent to carry out research from the perspective of standardization to build a safe, convenient, and unified resident identity network authentication technical framework, so as the identity and authentication of residents in the network space provide security guarantees, which will improve my country's network identity management level and realize the modernization of network social governance for technical support:

The ability to provide identity authentication services for a unified standard, guide the network certificate application system for software development, docking and use, and define network certificates this part is specially formulated for the interaction process, communication protocol and transmission data format between application system and identity authentication service:

Resident identity network authentication service Part 2: Service interface requirements

1 Scope

This part of GA/T 1723 specifies the network certificate application service interface in the resident identity network authentication service system (hereinafter referred to as "service access "" role, function, use requirements and interface definition description:

This part is applicable to the design and design of the network certificate application service interface between the network certificate application system and the resident identity network authentication service system:

Development:

2 Normative references

The following documents are indispensable for the application of this document: For dated reference documents, only the dated version applies to this article Pieces: For undated references, the latest version (including all amendments) applies to this document:

GA/T 1721 General Terms for Resident Identity Network Authentication GA/T 1722 Overall Technical Framework of Resident Identity Network Authentication GA/T 1723.1 Resident Identity Network Authentication Service Part 1: Authentication Classification GA/T 1723.3-2020 Resident Identity Network Authentication Service Part 3: Information Acquisition Control Interface Requirements

3 Terms, definitions and abbreviations

3.1

Terms and definitions the terms and definitions defined in GA/T 1721 apply to this document:

3.2

Abbreviations

The following abbreviations apply to this document:

API: Application Programming Interface (ApplicationProgrammingInterface) HTTP: Hypertext Transfer Protocol (HypertextTransferProtocol) JSON: JavaScript Object Notation (JavaScriptObjectNotation) URL: UniformResourceLocators

4 General

4.1

Overview

In the overall technical framework of resident identity network authentication given by GA/T 1722, the objects of this part of the specification are in the "standard Quasi 5" position: