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ICS 33.040
CCS M11

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4253.1-2023

Technical requirements for mobile Internet credential management based on telecommunication network - Part 1: General requirements

基于电信网的移动互联网凭证管理技术要求 第1部分：总体要求

(English Translation)

Issued on: April 21, 2023 **Implemented on: August 1, 2023**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4253.1-2023 was issued by Ministry of Industry and Information Technology on 21 April 2023 and has been in force since 1 August 2023.

The YD/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the relevant definitions, system framework, basic functions, workflow, authentication services, multi-domain, security and privacy requirements for mobile Internet credential management based on telecommunications networks (mobile gateways and SIM cards). This standard applies to user credential management on the mobile Internet and identity authentication application scenarios for mobile Internet applications.

YD/T 4253.1-2023 falls under ICS 33.040, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB/T 41301-2022 - Management requirements of IPv6 address in intelligent manufacturing environments

YD/T 1730-2008 - Implementation Guide for Security Risk Assessment of Telecom Network and Internet

YD/T 1548.1-2007 - 2GHz WCDMA digital cellular mobile communication network terminal equipment testing method (second stage) - Part 1: Basic functions, operations and performance testing

YD/T 6641-2026 - Industrial Internet edge computing - Edge gateway technical requirements and test methods

YD/T 4267-2023 - Overall Architecture and Technical Requirements of IP Network Slicing

YD/T 4262-2023 - Software Defined Wide Area Network (SD-WAN) Controller Southbound Interface Data Model Specification

5 Classification and status

International classification (ICS): 33.040

Chinese Standard Classification (CCS): M 11

Prefix YD/T: recommended standard.

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