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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6432-2025

Technical requirements for trusted authentication of heterogeneous computing power for public communication service experience

面向公共通信业务体验的异构算力可信认证技术要求

(English Translation)

Issued on: July 2, 2025 **Implemented on: November 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6432-2025 was issued by Ministry of Industry and Information Technology on 2 July 2025 and has been in force since 1 November 2025.

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 overall architecture and technical requirements for heterogeneous computing power trusted authentication oriented towards public communication service experience, including computing power registration requirements, certificate management requirements, and computing power authentication requirements. This standard applies to authentication in the unified management process of heterogeneous computing power, guiding the management and authentication service process of the trusted computing power authentication system throughout its entire lifecycle.

YD/T 6432-2025 falls under ICS 33.020, 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:

YD/T 3909-2021 - Vehicle emergency call system based on public telecommunication network - Requirements and architecture

YD/T 3910-2021 - Vehicle emergency call system based on public telecommunication network - Technical requirements and test method of the vehicle emergency rescue platform

YD/T 1761-2012 - Technical requirements for web accessibility

YD/T 6645-2026 - Identification and resolution system for the Industrial Internet - Communication system equipment - Identification coding

YD/T 6643-2026 - Computing power network and application for industrial Internet - General technical requirements

YD/T 6431-2025 - Technical requirements for unified computing power identification based on service experience for public communications network

5 Classification and status

International classification (ICS): 33.020

Chinese Standard Classification (CCS): M 21

Prefix YD/T: recommended standard.

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