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ICS 33.040.40
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4545-2023

Blockchain-based domain name registration data access protocol overall technical requirements

基于区块链的域名注册数据访问协议 总体技术要求

(English Translation)

Issued on: December 20, 2023 **Implemented on: April 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4545-2023

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1 Foreword

YD/T 4545-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 2024.

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 technical architecture, HTTP application technical requirements, query and response settings, and security technical requirements of the blockchain-based domain name registration data access protocol. This standard applies to services related to domain name registration data access and is used to replace and improve the WHOIS protocol.

YD/T 4545-2023 falls under ICS 33.040.40, 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:

CJ/T 188-2018 - Technical requirements of utility meters data transmission

YDC 079-2009 - Technical Specifications and Testing Methods of Wireless LAN for Mobile Terminals

YD/T 4548-2023 - Blockchain-based domain name registration data access protocol authoritative data storage and access technical requirements

YD/T 4547-2023 - Blockchain-based domain name registration data access protocol query data format definition

YD/T 4546-2023 - Blockchain-based domain name registration data access protocol HTTP application technical requirements

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.

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