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ICS 35.030
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4945-2024

Telecommunications network and Internet data traceability technical specifications

电信网和互联网数据溯源技术规范

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4945-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 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 technical requirements for data traceability types, data derivative relationship traceability, and data flow path traceability for telecommunications networks and the Internet, and specifies the test methods for data derivative relationship traceability and data flow path traceability. This standard is applicable to guiding telecommunications networks and the Internet to carry out data traceability capacity construction and management, and is also applicable to regulatory departments, third-party institutions and other organizations to supervise and evaluate data traceability capabilities.

YD/T 4945-2024 falls under ICS 35.030, in the field of information technology.

This catalogue holds 725 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 36073-2018 - Data management capability maturity assessment mode

YD/T 6648-2026 - Industrial Internet - Test methods of centralized network configuration for time-sensitive networking

YD/T 4394.9-2026 - Natural language processing technology and product evaluation method - Part 9: opinion mining system

YD/T 4392.3-2026 - General requirements for artificial intelligence development platform - Part 3: Performance requirements

5 Classification and status

International classification (ICS): 35.030

Chinese Standard Classification (CCS): L 67

Prefix YD/T: recommended standard.

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