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ICS 33.04
CCS M10

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4681-2024

Telecommunications network and Internet data security risk level indicators and calculation methods

电信网和互联网数据安全风险等级指标与计算方法

(English Translation)

Issued on: March 29, 2024 **Implemented on: July 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4681-2024 was issued by Ministry of Industry and Information Technology on 29 March 2024 and has been in force since 1 July 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 classification standards and calculation models for the data security levels of telecommunications networks and the Internet, constructs a telecommunications and Internet data security risk level indicator system, and gives the principles, processes, and methods that should be followed in the risk level evaluation work. This standard is applicable to the data security risk monitoring and situation analysis work with possible exposure in telecommunications networks and the Internet, and provides support for data security risk monitoring, situation awareness, and macro decision-making of industry authorities; and provides support for data security management and risk level evaluation work of telecommunications service and Internet information service providers, data security service and product providers, industry associations, etc.

YD/T 4681-2024 falls under ICS 33.04, in the field of telecommunications.

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

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

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 47325-2026 - Security technical requirements and test methods for over-the-air updates in the internet of vehicles

GB/T 47324-2026 - Cybersecurity protection requirements for internet of vehicles platforms

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

YD/T 6017.6-2026 - The capability evaluation system of cyber security product - Part 6: Evaluation method of cyber deception (honeypot)

YD/T 6017.4-2026 - The capability evaluation system of cyber security products - Part 4: Security products testing methods based on deployment methods

YD/T 4682-2024 - Telecommunications network and Internet data asset identification and sorting technology testing method

5 Classification and status

International classification (ICS): 33.04

Chinese Standard Classification (CCS): M 10

Prefix YD/T: recommended standard.

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