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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4584-2023

Telecom network and Internet network security capability maturity evaluation model

电信网和互联网网络安全能力成熟度评价模型

(English Translation)

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

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1 Foreword

YD/T 4584-2023 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 composition, level classification standards, key capability domains and maturity requirements of the telecommunications network and Internet network security capability maturity model. This standard is applicable to guide telecom network and Internet network operators and third-party security evaluation agencies to carry out telecom network and Internet network security capability evaluation activities. It is also applicable to operators to carry out network security capacity building and telecom management agencies to implement supervision and management.

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YD/T 4584-2023 is filed under Chinese Standard Classification L70, in the field of electronic components and information technology.

This catalogue holds 2,288 other YD/T standards without an ICS number.

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:

YD/T 3746-2020 - Specification of internet of vehicle information service - User personal information protection

GB/T 28826.2-2020 - Information technology-Common biometric exchange formats framework-Part 2:Procedures for the operation of the biometric registration authority

GB/T 31071-2014 - General science and technology infrastructure-Principles and methods for conformance testing

YD/T 4589-2023 - Cyberspace Security Simulation Functional Requirements of Cybersecurity Knowledge Acquisition System

YD/T 4585-2023 - Telecom network and Internet network security capability maturity evaluation methods

YD/T 4576-2023 - Technical requirements for third-party security audits of network security public testing platforms

5 Classification and status

Chinese Standard Classification (CCS): L 70

Prefix YD/T: recommended standard.

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