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ICS 35.030
CCS L80

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6020-2024

Carrier Network Equipment Digital Certificate Management Guide

运营商网络设备数字证书管理指南

(English Translation)

Issued on: October 24, 2024 **Implemented on: February 1, 2025**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-6020-2024

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1 Foreword

YD/T 6020-2024 was issued by Ministry of Industry and Information Technology on 24 October 2024 and has been in force since 1 February 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 objectives and methods of digital certificate management for network equipment in telecommunications networks led by operators, as well as measures, guidance and suggestions for different networking modes and equipment capabilities. This standard is applicable to improving the efficiency of digital certificate management for operator network equipment and the security during the application process, providing technical guidance for the security management of digital certificates for operator network equipment, and can also provide reference for the management and application of digital certificates in other fields.

YD/T 6020-2024 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:

GM/T 0130-2023 - Certificateless and implicit-certificate-based public key mechanisms based on the SM2 algorithms

GA/T 1389-2017 - Information Security Technology - Guidelines for Grading of Classified Protection of Cyber Security

YD/T 6816-2026 - Guidelines for internet of vehicles supply chain cybersecurity risk management

YD/T 6661-2026 - Security architecture of data sharing management based on the distributed ledger technology

YD/T 6015-2024 - Security technical requirements for the information platform for urban public infrastructure operation support

5 Classification and status

International classification (ICS): 35.030

Chinese Standard Classification (CCS): L 80

Prefix YD/T: recommended standard.

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