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ICS 33.040.40
CCS M32

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4200-2023

Technical requirements for network interconnection and interworking based on IPv6

基于IPv6的网络互联互通技术要求

(English Translation)

Issued on: April 21, 2023 **Implemented on: August 1, 2023**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4200-2023 was issued by Ministry of Industry and Information Technology on 21 April 2023 and has been in force since 1 August 2023.

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 requirements for interconnection of IPv6 networks of different operators, including network interworking models, functional requirements, routing policy requirements, service quality requirements, interconnection management requirements, billing capability requirements, reliability requirements, security requirements, etc. This standard applies to IPv6 network interconnection of different operators.

YD/T 4200-2023 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:

YD/T 2375-2019 - Technical requirements for high accuracy time synchronization

JT/T 1076-2016 - GNSS System for Operating Vehicles - Technical Specifications for Vehicle Video Terminal

YD/T 2554.1-2013 - Plastic optical fiber connector - Part 1: Type LC

YD/T 3118-2026 - Parameters and methods of test for website IPv6 support

YD/T 4210-2023 - Secure DHCPv6 Technical Requirements

YD/T 4190-2023 - Optimization method for Internet companies' controllable traffic

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): M 32

Prefix YD/T: recommended standard.

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