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ICS 33.040.40
CCS M32

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4187-2023

Inter-network route registration and verification Technical requirements for prevention of abnormal inter-network routes

网间路由注册和验证 网间异常路由防范技术要求

(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 4187-2023 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 technical requirements for preventing abnormal routes in Internet route announcements by domestic inter-network interconnection units in the customer access and peer-to-peer interconnection links, including inter-network neighbor route configuration, inter-network route publishing, and inter-network route reception filtering and verification, etc. skills requirement. This standard applies to domestic inter-network interconnection units such as network operators, and provides support for industry regulatory authorities to standardize inter-network routing management.

YD/T 4187-2023 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 3505-2026 - Evaluation index system of carrier network supporting IPv6

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

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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