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ICS 33.040.40
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4419-2023

Segment routing policy technical requirements

段路由策略技术要求

(English Translation)

Issued on: July 28, 2023 **Implemented on: November 1, 2023**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4419-2023 was issued by Ministry of Industry and Information Technology on 28 July 2023 and has been in force since 1 November 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 segment routing policies, including an overview of segment routing policies, segment routing policy models and key elements, segment routing policy traffic diversion mechanisms, and protection technical requirements for segment routing policies. This standard applies to the development, design and testing of network equipment that supports segment routing policy technology.

YD/T 4419-2023 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:

CJ/T 188-2018 - Technical requirements of utility meters data transmission

YDC 079-2009 - Technical Specifications and Testing Methods of Wireless LAN for Mobile Terminals

YD/T 4420-2023 - Technical requirements for forwarding northbound interface of virtual broadband remote server (vBRAS) based on P4 protocol

YD/T 4410.1-2023 - Quantum Key Distribution (QKD) Network Ak Interface Technical Requirements - Part 1: Application Programming Interface (API)

YD/T 4409.2-2023 - Cloud Native Capability Maturity Model - Part 2: Business Applications

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.

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