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ICS 33.040.20
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4455-2023

Overall technical requirements for IP bearer networks based on SRv6

基于SRv6的IP承载网络总体技术要求

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4455-2023

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1 Foreword

YD/T 4455-2023 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 overall architecture of the SRv6-based IP bearer network, the technical requirements for the equipment layer based on SRv6, and the technical requirements for the management and control layer based on SRv6. This standard applies to the design, development and testing of IP bearer networks that support SRv6.

YD/T 4455-2023 falls under ICS 33.040.20, 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.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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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 4461-2023 - Software-defined wide area network (SD-WAN) value-added service technical requirements WAN acceleration

YD/T 4460-2023 - Software-defined wide area network (SD-WAN) key technical indicator system

YD/T 4456-2023 - IPv6 technical requirements Proxy mobile IPv6 regional mobility anchor point allocation technology

5 Classification and status

International classification (ICS): 33.040.20

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.

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