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ICS 33.040.40
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4788-2024

Technical requirements for edge networks based on converged IPv6 transition

基于融合型IPv6过渡的边缘网络技术要求

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4788-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 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 technical requirements for edge networks based on converged IPv6 transition, and the converged transition technologies include NAT444, DS-Lite, Lw4over6 and NAT64. The main contents of this standard include application scenarios, networking architecture, service configuration requirements and communication requirements between edge network nodes. This standard applies to edge networks that need to use different IPv6 transition technologies for multiple transition scenarios.

YD/T 4788-2024 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 4785.2-2024 - SRv6 Control Plane Technical Requirements - Part 2: OSPFv3 Protocol Extensions

YD/T 4785.1-2024 - SRv6 Control Plane Technical Requirements - Part 1: ISIS Protocol Extensions

YD/T 4784-2024 - Technical requirements for service chains based on SRv6

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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