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ICS 33.040.40
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4795-2024

Technical requirements for simple two-way active measurement protocol in IP networks

IP网络简单双向主动测量协议技术要求

(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 4795-2024 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 the simple two-way active measurement protocol of IP networks, including the measurement protocol principles for measuring two-way or one-way performance, such as delay, delay jitter, packet loss, etc. This standard includes the protocol reference architecture, session sender behavior and message format, session reflector behavior and message format, STAMP integrity protection, protocol interoperability, etc. This standard is applicable to the field of data communication and guides the research and development and design of data exchange equipment (including routers, switches and other equipment).

YD/T 4795-2024 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 4785.3-2024 - SRv6 Control Plane Technical Requirements - Part 3: BGP-LS Protocol Extension

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

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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