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ICS 33.040.40
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4823-2024

Link Layer Discovery Protocol (LLDP) Technical Requirements

链路层发现协议（LLDP）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 4823-2024 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 of the Link Layer Discovery Protocol (LLDP), including the overall requirements and architecture of LLDP, the technical requirements of LLDP, the requirements for the equipment and control system to support LLDP functions, and the interface specifications of equipment that supports LLDP. This standard applies to network devices that support Ethernet interfaces, such as IP devices, base station devices, switch devices, and transmission devices. Support network devices to use the LLDP protocol to automatically discover topology and exchange their respective system and configuration information.

YD/T 4823-2024 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 4821-2024 - Automated quality measurement (Telemetry) test method for telecom operator networks

YD/T 4820-2024 - Technical requirements for automated quality measurement (Telemetry) of telecom operator networks

YD/T 4816-2024 - Content delivery network technology requires edge nodes

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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