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ICS 33.040.40
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4269-2023

IP network in-band operation, administration and maintenance (IOAM) data content and encapsulation method

IP网络带内操作、管理和维护（IOAM）数据内容和封装方法

(English Translation)

Issued on: April 21, 2023 **Implemented on: August 1, 2023**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4269-2023

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1 Foreword

YD/T 4269-2023 was issued by Ministry of Industry and Information Technology on 21 April 2023 and has been in force since 1 August 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 data content and encapsulation method of IP network in-band operation, management and maintenance (IOAM), including the data content of IOAM and IPv6 encapsulation method, NSH encapsulation method, etc. This standard applies to the development and deployment of data switching equipment, including routers and switches.

YD/T 4269-2023 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.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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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 4263-2023 - TTP model of SDN-based data center OpenFlow switch

YD/T 4260-2023 - Software Defined Wide Area Network (SD-WAN) General Technical Requirements

YD/T 4259-2023 - Technical Requirements for Network Programming 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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