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ICS 33.040.40
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4076-2022

YANG data model modeling technical requirements

YANG 数据模型建模技术要求

(English Translation)

Issued on: September 30, 2022

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4076-2022 was issued by Ministry of Industry and Information Technology on 30 September 2022.

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 YANG modeling in data networks, mainly including the syntax and data model of the YANG language, the constraint requirements for operating YANG, YANG module definition and Extensible Markup Language (XML) conversion, and the operation of protocol data, etc. This standard applies to data switching equipment in the data communications field, including routers and switches.

YD/T 4076-2022 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 4079-2022 - Fiber Coating Resin

YD/T 4078-2022 - Technical Requirements for FDN-Based Broadband Network Access Control Forwarding Interface

YD/T 4077-2022 - YANG model taxonomy and common data types

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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