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ICS 33.030
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6267-2024

Future Data Network (FDN) Application Scenarios and Requirements

未来数据网络（FDN）应用场景及需求

(English Translation)

Issued on: December 10, 2024 **Implemented on: April 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6267-2024 was issued by Ministry of Industry and Information Technology on 10 December 2024 and has been in force since 1 April 2025.

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 application scenarios of the Future Data Network (FDN) and the technical requirements in each scenario, including requirements for the forwarding plane, forwarding plane open protocol, FDN controller, etc. The specific implementation methods of each layer in the scenario are not defined in this standard. This standard applies to the construction and deployment of FDN networks.

YD/T 6267-2024 falls under ICS 33.030, 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:

YD/T 3909-2021 - Vehicle emergency call system based on public telecommunication network - Requirements and architecture

YD/T 3910-2021 - Vehicle emergency call system based on public telecommunication network - Technical requirements and test method of the vehicle emergency rescue platform

YD/T 1761-2012 - Technical requirements for web accessibility

YD/T 6643-2026 - Computing power network and application for industrial Internet - General technical requirements

YD/T 6270-2024 - Technical requirements for broadband multi-service network virtualization based on FDN

YD/T 6269-2024 - Technical requirements for internal data center networks based on FDN

5 Classification and status

International classification (ICS): 33.030

Chinese Standard Classification (CCS): M 21

Prefix YD/T: recommended standard.

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