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PEOPLE'S REPUBLIC OF CHINA

# YD/T 6270-2024

# Technical requirements for broadband multi-service network virtualization based on FDN

基于FDN的宽带多业务网络虚拟化技术要求

**(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 6270-2024 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 technical requirements for broadband multi-service network virtualization based on the Future Data Network (FDN), including the service requirements and service deployment methods of traditional broadband services after service virtualization, multi-service application scenarios and business processes in virtualized broadband networks, and technical requirements corresponding to related scenarios and processes. This standard is applicable to the development, deployment and construction of various broadband services in FDN networks.



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YD/T 6270-2024 carries no ICS number and no Chinese Standard Classification code.

This catalogue holds 6,667 other YD/T standards.

Of the 4,379 YD/T standards that do carry an ICS number, 3,421 (78%) fall under ICS 33, in the field of telecommunications.

## 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:

JB 2293-1978 - Wind tunnel test method of radiator of automobile and tractor

YD/T 4046-2022 - Cloud computing open application model

YD/T 4045-2022 - Big data - technical requirements and test methods for message middleware

YD/T 4044-2022 - Technical requirements for AI-based knowledge graph construction

## 5 Classification and status

Prefix YD/T: recommended standard.



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