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ICS 33.040.01
CCS M19

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6257-2024

Next-generation network architecture based on SDN/NFV - Overall Requirements and Framework

基于SDN/NFV的新一代网络架构 总体需求与框架

(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 6257-2024 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 definition, overall requirements and framework description of the new generation network architecture based on Software Defined Network/Network Function Virtualization (SDN/NFV), as well as the network and system evolution path. This standard is applicable to the new generation network system based on SDN/NFV.

YD/T 6257-2024 falls under ICS 33.040.01, 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:

YZ/T 0173-2020 - Specifications for regulatory data access of intelligent mail and parcel locker and intelligent self-express service machine

YD/T 1730-2008 - Implementation Guide for Security Risk Assessment of Telecom Network and Internet

YD/T 1548.1-2007 - 2GHz WCDMA digital cellular mobile communication network terminal equipment testing method (second stage) - Part 1: Basic functions, operations and performance testing

YD/T 7009-2026 - Technical requirements for northbound interface of time synchronization equipment management and control systems based on SDN

YD/T 6917-2026 - Interface requirements of control layer in intent-based network for SDN/NFV intelligent network

YD/T 2742-2026 - Technical requirements and testing method for packet digital microwave communication equipments and

5 Classification and status

International classification (ICS): 33.040.01

Chinese Standard Classification (CCS): M 19

Prefix YD/T: recommended standard.

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