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ICS 33.040
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4801-2024

Technical requirements for the willingness layer of intelligent communication networks based on SDN/NFV

基于SDN/NFV的智能型通信网络 随愿网络意愿层技术要求

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4801-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 2024.

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 of the willingness layer of the SDN/NFV-based intelligent communication network, including the reference model of each internal module of the willingness layer, the functions of each sub-module, the clarification of the functions of each module of the willingness layer, key technical indicators (reliability, effectiveness, etc.). This standard applies to the SDN/NFV-based intelligent communication network.

YD/T 4801-2024 falls under ICS 33.040, 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:

GB/T 47325-2026 - Security technical requirements and test methods for over-the-air updates in the internet of vehicles

GB/T 47324-2026 - Cybersecurity protection requirements for internet of vehicles platforms

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

YD/T 6017.6-2026 - The capability evaluation system of cyber security product - Part 6: Evaluation method of cyber deception (honeypot)

YD/T 6017.4-2026 - The capability evaluation system of cyber security products - Part 4: Security products testing methods based on deployment methods

YD/T 4792-2024 - Network Function Virtualization Management Orchestration Technology Requirements Container Infrastructure Service Cluster Management

5 Classification and status

International classification (ICS): 33.040

Chinese Standard Classification (CCS): M 10

Prefix YD/T: recommended standard.

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