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ICS 33.060
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4762-2024

Technical requirements for SDN-based mobility management

基于SDN的移动性管理技术要求

(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 4762-2024 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 for mobility management based on software defined networks (SDN), including the deployment methods of mobility management technology in software defined networks, and also specifies the application scenarios, business processes and technical requirements corresponding to the relevant scenarios and processes for intra-domain switching and inter-domain switching of single controllers and multiple controllers. This standard applies to mobility management in SDN networks and guides the development, deployment and construction of terminal mobile switching in SDN-based wireless networks.

YD/T 4762-2024 falls under ICS 33.060, 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 3711-2020 - Technical requirement of IMS based vehicle eCall system based on public telecommunication network

GB/T 32401-2015 - Technical requirements and measurement methods for VHF/UHF frequency

GB/T 12572-2008 - Universal requirements and measurement methods of parameters for radio transmitting equipment

YD/T 4753-2024 - Technical requirements for intent management services in mobile communication access networks (Phase I)

YD/T 4771-2024 - C-V2X large-scale test system and interface technical requirements

YD/T 4767-2024 - Technical requirements and test methods for high-precision satellite positioning assistance information broadcasting system in mobile communication networks (Phase II)

5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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