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ICS 33.040.40
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4529-2023

SDN-based IP RAN southbound interface technical requirements

基于SDN的IP RAN南向接口技术要求

(English Translation)

Issued on: December 20, 2023 **Implemented on: April 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4529-2023

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1 Foreword

YD/T 4529-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 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 functional requirements for the IP RAN southbound interface based on software-defined networking (SDN), the southbound interface protocol requirements, and the corresponding data model. This standard applies to the design, development and testing of SDN-based IP RAN equipment.

YD/T 4529-2023 falls under ICS 33.040.40, 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:

CJ/T 188-2018 - Technical requirements of utility meters data transmission

YDC 079-2009 - Technical Specifications and Testing Methods of Wireless LAN for Mobile Terminals

YD/T 4534-2023 - Software-Defined Wide Area Network (SD-WAN) Testing Methods

YD/T 4533-2023 - Technical requirements for software-defined wide area network (SD-WAN) value-added services Security services

YD/T 4532-2023 - Expanded technical requirements for interoperability between DNS and CDN global load balancing services

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.

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