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ICS 33.030

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4473-2023

SDN-based IP RAN network information model and interface technical requirements

基于SDN的IP RAN网络信息模型及接口技术要求

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4473-2023 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 network architecture model and related interface definitions required in the future data network (FDN) to realize end-to-end interoperability through the network orchestrator and network element controller to realize the services carried by the IP RAN network. The orchestrator and Information model and interface design between controllers, as well as the interaction process of typical business scenarios carried by IP RAN based on software-defined network (SDN). This standard is applicable to cross-vendor collaboration scenarios when carrying VPN dedicated lines through IP RAN networks, and guides the development of software such as controllers and coordinators.

YD/T 4473-2023 falls under ICS 33.030, 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:

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

International classification (ICS): 33.030

Prefix YD/T: recommended standard.

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