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ICS 33.040.30

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4463-2023

SDN-based metropolitan integrated IP bearer network architecture

基于SDN的城域综合IP承载网架构

(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-4463-2023

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1 Foreword

YD/T 4463-2023 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 technical requirements for a comprehensive metropolitan IP bearer network based on software-defined networking (SDN), including the SDN-based metropolitan integrated IP bearer network reference architecture and technical requirements for the network forwarding plane, control plane and management plane. This standard applies to the planning and construction of my country's SDN-based metropolitan integrated IP bearer network. It also applies to the research, development and technology introduction of related network equipment.

YD/T 4463-2023 falls under ICS 33.040.30, 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): 33.040.30

Prefix YD/T: recommended standard.

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