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ICS 33.040.40
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 5252-2023

Design specification for IP wide area network engineering based on SDN technology

基于SDN技术的IP广域网工程设计规范

(English Translation)

Issued on: April 21, 2023 **Implemented on: August 1, 2023**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 5252-2023 was issued by Ministry of Industry and Information Technology on 21 April 2023 and has been in force since 1 August 2023.

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 applies to IP wide area network engineering design, construction and acceptance based on SDN technology. The main content includes the IP WAN network architecture and puts forward the overall technical requirements, network design, system function design, equipment configuration principles, routing protocols and strategies, network management, network security, computer room design, energy conservation, environmental protection and safety production requirements.

YD/T 5252-2023 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.

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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:

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 5259-2023 - Technical specifications for line automatic protection and switching engineering of optical fiber wavelength division system

YD/T 5256-2023 - Wavelength Switched Optical Network (WSON) Engineering Specifications

YD/T 5253-2023 - Design specification for co-construction and sharing project of mobile communication system

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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