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ICS 33.030
CCS M21

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6093-2024

Technical requirements for Layer 2 VPN networking based on SDN

基于SDN的二层VPN组网技术要求

(English Translation)

Issued on: October 24, 2024 **Implemented on: February 1, 2025**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-6093-2024

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1 Foreword

YD/T 6093-2024 was issued by Ministry of Industry and Information Technology on 24 October 2024 and has been in force since 1 February 2025.

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 service requirements, network functional architecture, application scenarios and deployment requirements of Layer 2 VPN in software-defined networks (SDN). This standard is applicable to the construction of Layer 2 VPN networks based on SDN and guides the research and development of related equipment.

YD/T 6093-2024 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.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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4 Related standards

Standards on related subjects:

YD/T 3909-2021 - Vehicle emergency call system based on public telecommunication network - Requirements and architecture

YD/T 3910-2021 - Vehicle emergency call system based on public telecommunication network - Technical requirements and test method of the vehicle emergency rescue platform

YD/T 1761-2012 - Technical requirements for web accessibility

YD/T 6089-2024 - Mobile Internet Smart Home System - Cross-platform access and control test methods

YD/T 6088-2024 - Technical requirements for extended application programming interfaces based on Hypertext Markup Language Version 5 (HTML5)

YD/T 6095-2024 - Next-generation network architecture based on SDN/NFV - Overall technical requirements for fixed-mobile converged dedicated line services

5 Classification and status

International classification (ICS): 33.030

Chinese Standard Classification (CCS): M 21

Prefix YD/T: recommended standard.

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