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ICS 33.060
CCS M36

YD

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YD/T 4264-2023

## SDN Data Center Switch YANG Model Based on Ethernet Virtual Private Network (EVPN)

基于以太虚拟专用网（EVPN）的SDN数据中心交换机YANG模型

**(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 4264-2023 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 specifies the YANG model of the southbound interface between SDN controllers and data center switches, clarifies the YANG model used in automated service deployment, and the docking methods and specifications of the YANG model for delivering and orchestrating service information. This standard applies to the design, development, and testing of the interconnection between SDN controllers and SDN transponders in data centers based on EVPN/VXLAN.

YD/T 4264-2023 falls under ICS 33.060, 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:

YD/T 3711-2020 - Technical requirement of IMS based vehicle eCall system based on public telecommunication network

GB/T 32401-2015 - Technical requirements and measurement methods for VHF/UHF frequency

GB/T 12572-2008 - Universal requirements and measurement methods of parameters for radio transmitting equipment

YD/T 2844.3-2026 - Trusted Environment of Mobile Phone - Part 3: Secure Storage

YD/T 2844.2-2026 - Trusted Environment of Mobile Phone - Part 2: Trusted Execution Environment

YD/T 2844.1-2026 - Trusted Environment of Mobile Phone - Part 1: General Technical Requirement

## 5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.



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