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ICS 01.040.35
CCS L78

YD

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YD/T 4534-2023

## Software-Defined Wide Area Network (SD-WAN) Testing Methods

软件定义广域网络（SD-WAN）测试方法

**(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 4534-2023 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 key technology testing methods for software-defined wide area networks (SD-WAN), including key technology testing methods for SD-WAN services, key technology testing methods for SD-WAN overall solutions, and key technologies for SD-WAN edge devices Test methods, key technology test methods for SD-WAN gateway equipment, key technology test methods for SD-WAN controllers, and key technology test methods for SD-WAN orchestrators. This standard applies to SD-WAN service providers, SD-WAN solution providers, SD-WAN infrastructure manufacturing companies, etc.

YD/T 4534-2023 falls under ICS 01.040.35, in the field of generalities, terminology and documentation.

This catalogue holds 85 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 4533-2023 - Technical requirements for software-defined wide area network (SD-WAN) value-added services Security services

YD/T 4532-2023 - Expanded technical requirements for interoperability between DNS and CDN global load balancing services

YD/T 4529-2023 - SDN-based IP RAN southbound interface technical requirements

## 5 Classification and status

International classification (ICS): 01.040.35

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.



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