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ICS 01.040.35
CCS L04

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6546-2025

Assessment method of software defined wide area network (SD-WAN) edge

软件定义广域网络（SD-WAN）通用企业网关测试方法

(English Translation)

Issued on: December 17, 2025 **Implemented on: April 1, 2026**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6546-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 April 2026.

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 a general enterprise gateway testing method for Software Defined Wide Area Networks (SD-WAN), including enterprise-side gateway device testing, initial functionality testing, controller interface testing, and management and maintenance testing. This standard applies to the deployment and testing of SD-WAN enterprise-side gateway equipment (Edge).

YD/T 6546-2025 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:

GB/T 32910.3-2016 - Data centre - Resource utilization - Part 3: Energy usage effectiveness requirements and measuring methods

YD/T 983-2013 - Limits and methods of measurement of electromagnetic compatibility of telecommunicatin power supply equipment

YD/T 6782-2026 - Identification and resolution for the Industrial Internet - Active identifier carrier - Service process and interface requirements for general integrated circuit cards

YD/T 6775-2026 - Security technical requirements for white box switch

YD/T 5275-2026 - Green technical requirements of information and communication Engineering

5 Classification and status

International classification (ICS): 01.040.35

Chinese Standard Classification (CCS): L 04

Prefix YD/T: recommended standard.

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