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ICS 33.040.40
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6458-2025

Technical specification for virtual Broadband Remote Access Server (VBRAS) pooling of IP metro area network

IP城域网虚拟宽带接入服务器（vBRAS）池化技术要求

(English Translation)

Issued on: July 2, 2025 **Implemented on: November 1, 2025**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-6458-2025

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1 Foreword

YD/T 6458-2025 was issued by Ministry of Industry and Information Technology on 2 July 2025 and has been in force since 1 November 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 pooling technology requirements for cloud-based vBRAS network elements in IP metropolitan area networks, including access procedures, control plane and forwarding plane technical requirements, and pooling fault protection. This standard applies to the research, development, testing, and pooling deployment of IP metropolitan area network vBRAS devices.

YD/T 6458-2025 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 6457-2025 - Technical requirements of YANG data model for SRv6 configuration and management

YD/T 6456-2025 - Intent-based network for SDN/NFV intelligent network - API requirements for the intent engine

YD/T 6453-2025 - Technical specification for modular networking of cloud metro area network

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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