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ICS 33.040.40
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6084-2024

Cloud network POP (point of presence) interconnection network architecture and technical requirements

云网POP（对接点）互联组网架构及技术要求

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6084-2024 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 cloud-network POP (point of connection) interconnection networking architecture and key technical requirements, including cloud-network POP networking architecture, cloud-network POP network element technical requirements and typical cloud-network interconnection business scenarios. This standard applies to the planning and construction of cloud-network POP in cloud-network converged networks, and also to the research, development and testing of cloud-network POP related network equipment.

YD/T 6084-2024 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 5080-2026 - Technical Specifications for Network Management System of Optical Cable Transmission Engineering

YD/T 4839.3-2026 - Technical requirements for collaborative management and control of IP network and optical network - Part 3: Interface information model between coordination layer and single domain management control system

YD/T 6085-2024 - Business chain services for cloud-network collaboration - Overall Technical Requirements

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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