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ICS 33.040.40
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4408-2023

Cloud metropolitan area network reference architecture and technical requirements

云化城域网参考架构及技术要求

(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 4408-2023 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 the reference architecture and key technologies of cloudified metropolitan area networks, including metropolitan area network node cloudification technology and SDN controller interface technical requirements. This standard applies to the planning and construction of my country's cloud metropolitan area network. It also applies to the research, development and technology introduction of related network equipment.

YD/T 4408-2023 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 4410.1-2023 - Quantum Key Distribution (QKD) Network Ak Interface Technical Requirements - Part 1: Application Programming Interface (API)

YD/T 4409.2-2023 - Cloud Native Capability Maturity Model - Part 2: Business Applications

YD/T 4406-2023 - Cloud-edge collaborative bearer network control system architecture and 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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