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ICS 35.240
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4636-2023

CDN application scenarios based on network virtualization technology

基于网络虚拟化技术的CDN应用场景

(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 4636-2023 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 application scenarios of software-defined networks (SDN) based on network virtualization technology, and proposes the requirements for CDN logical function modules based on SDN and the interface requirements between related functional modules and the SDN control plane, so as to realize the control of future CDN. Separate the overall technical requirements, clarify the application scenarios for interaction between CDN and SDN systems, and list relevant case studies. This standard is suitable for guiding the application, design, and construction of CDN services based on network virtualization.

YD/T 4636-2023 falls under ICS 35.240, in the field of information technology.

This catalogue holds 725 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 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 4644-2023 - IoT cloud-edge collaboration technical requirements

YD/T 4643-2023 - Bluetooth IoT acquisition technical requirements for indoor distribution systems

5 Classification and status

International classification (ICS): 35.240

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.

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