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ICS 01.040.33
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4797-2024

Overall technical requirements for network virtualization based on multi-dimensional resource collaboration

基于多维资源协同的网络虚拟化总体技术要求

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4797-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 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 basic concepts, typical requirements, technical design goals, overall technical architecture and corresponding technical requirements of network virtualization for multi-dimensional resource collaboration such as computing, storage and transmission. This standard applies to the research and development, construction, operation, testing and evaluation of network virtualization technologies and applications for multi-dimensional resource collaboration by network operators, network builders, equipment manufacturers and third-party evaluation agencies.

YD/T 4797-2024 falls under ICS 01.040.33, 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:

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 4791-2024 - Technical requirements for Ethernet tree (E-Tree) based on Multiprotocol Label Switching Layer 2 Virtual Private Network (MPLS L2VPN)

YD/T 4790-2024 - Application scenarios of DNS transmission technology based on TLS and DTLS

YD/T 4788-2024 - Technical requirements for edge networks based on converged IPv6 transition

5 Classification and status

International classification (ICS): 01.040.33

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.

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