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ICS 33.040.01
CCS M10

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4792-2024

Network Function Virtualization Management Orchestration Technology Requirements Container Infrastructure Service Cluster Management

网络功能虚拟化管理编排技术要求 容器基础设施服务集群管理

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4792-2024

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1 Foreword

YD/T 4792-2024 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 technical requirements that should be followed for the management of network function virtualization (NFV) container infrastructure service clusters, including system architecture, functional requirements, etc. This standard applies to the technical research and development, equipment development, network construction and system operation and maintenance of network function virtualization orchestrator (NFVO) and CIS cluster management (CCM).

YD/T 4792-2024 falls under ICS 33.040.01, 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:

GB/T 47325-2026 - Security technical requirements and test methods for over-the-air updates in the internet of vehicles

GB/T 47324-2026 - Cybersecurity protection requirements for internet of vehicles platforms

YD/T 1730-2008 - Implementation Guide for Security Risk Assessment of Telecom Network and Internet

YD/T 6017.4-2026 - The capability evaluation system of cyber security products - Part 4: Security products testing methods based on deployment methods

YD/T 4801-2024 - Technical requirements for the willingness layer of intelligent communication networks based on SDN/NFV

YD/T 4787-2024 - Technical requirements for SRv6-based IP bearer network management and control system

5 Classification and status

International classification (ICS): 33.040.01

Chinese Standard Classification (CCS): M 10

Prefix YD/T: recommended standard.

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