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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6094-2024

Network Function Virtualization Orchestrator (NFVO) Technical Requirements - Intelligent orchestration

网络功能虚拟化编排器（NFVO）技术要求 智能编排

(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 6094-2024 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 technical architecture, functional requirements, main business processes, interfaces of the NFVO and controller (VNFM) in the intelligent decision system (IPS) and orchestration (MANO) in network function virtualization, as well as the IPS's requirements for the collection method, storage specifications and data format of the data stored in NFVO and VNFM. This standard applies to network intelligent orchestration in different scenarios, including network resource orchestration, network energy-saving scheduling, fault prediction and location, etc.

YD/T 6094-2024 falls under ICS 33.020, 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 6102-2024 - IP Self-Intelligent Network - Overall Technical Requirements

YD/T 6103-2024 - IP Self-Intelligent Network - Knowledge technical requirements

5 Classification and status

International classification (ICS): 33.020

Chinese Standard Classification (CCS): M 10

Prefix YD/T: recommended standard.

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