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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4635-2023

NFV and SDN collaborative management and orchestration interface requirements for telecom cloud resource pool scenarios

面向电信云资源池场景的NFV和SDN协同管理编排接口要求

(English Translation)

Issued on: December 20, 2023 **Implemented on: April 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4635-2023

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1 Foreword

YD/T 4635-2023 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 NFV NFVO-VIM interface requirements after the Network Function Virtualization (NFV) architecture introduces Software Defined Networking (SDN), including system architecture, interface functional requirements, and SDN management interface requirements. This standard applies to the design, development and testing of the network function virtualization NFVO-VIM interface and NFVO-VNFM interface.

YD/T 4635-2023 falls under ICS 29.200, in the field of electrical engineering.

This catalogue holds 81 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:

YD/T 1092-2023 - Telecommunication cables - Foamed polyolefin dielectric, corrugated copper-tube outer conductor, 50 Ohm radio-frequency coaxial cable for wireless communications

YD/T 2165-2010 - Technical specification of modular uninterruptible power systems for telecommunications

YD/T 777-2006 - Inversion equipment for telecommunications

YD/T 1537-2026 - Outdoor cabinets for information and telecommunications system

YD/T 1363.5-2026 - Specification of supervision system for power, air conditioner and environment - Part 5: Access control and control supervision system

YD/T 4634-2023 - NFV and SDN collaborative management and orchestration technical requirements for telecom cloud resource pool scenarios

5 Classification and status

International classification (ICS): 29.200

Chinese Standard Classification (CCS): M 41

Prefix YD/T: recommended standard.

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