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ICS 33.060.99
CCS M36

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4336-2023

Software-defined security framework for telecommunications networks based on SDN/NFV

基于 SDN/NFV 的电信网软件定义安全框架

(English Translation)

Issued on: July 28, 2023 **Implemented on: November 1, 2023**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4336-2023

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1 Foreword

YD/T 4336-2023 was issued by Ministry of Industry and Information Technology on 28 July 2023 and has been in force since 1 November 2023.

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 software-defined security technical requirements framework for SDN/NFV-based telecommunications networks, which mainly includes: analysis of the main security challenges in the technology and operation and maintenance of operator telecommunications networks based on SDN/NFV; analysis of security requirements to address the above challenges; Based on the above security requirements, describe the software-defined security concept; define the software-defined security framework and the functions of each component; propose software-defined security technical requirements, including component functional requirements, interface requirements, process requirements, and practical references for scenarios. This standard applies to core networks and wireless networks based on SDN/NFV.

YD/T 4336-2023 falls under ICS 33.060.99, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

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In this catalogue, YD/T standards carry edition years from 1982 to 2026.

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 3711-2020 - Technical requirement of IMS based vehicle eCall system based on public telecommunication network

GB/T 32401-2015 - Technical requirements and measurement methods for VHF/UHF frequency

GB/T 12572-2008 - Universal requirements and measurement methods of parameters for radio transmitting equipment

YD/T 4341-2023 - 5G network slicing service level agreement (SLA) guarantee technical requirements

YD/T 4340-2023 - 5G network management technical requirements management services

YD/T 4339-2023 - Overall technical requirements for 5G mobile communication network capability exposure (NEF)

5 Classification and status

International classification (ICS): 33.060.99

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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