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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4345-2023

5G network slicing management function (NSMF) and access network slicing subnet management function (AN-NSSMF) interface technical requirements

5G网络切片管理功能（NSMF）与接入网切片子网管理功能（AN-NSSMF）接口技术要求

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4345-2023 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 interface between the 5G network slicing management function (NSMF) and the access network slicing subnet management function (AN-NSSMF). The main contents include: NSMF and AN-NSSMF interface functions and protocol requirements, NSMF and AN-NSSMF Authentication interface definition, access network slicing subnet service instance life cycle management and interface definition, access network slicing subnet service template management and interface definition. This standard applies to the technology research and development, construction and operation and maintenance of the interface between the 5G network slicing management function (NSMF) and the access network slicing subnet management function (AN-NSSMF).

YD/T 4345-2023 falls under ICS 33.060, 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 4340-2023 - 5G network management technical requirements management services

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

YD/T 4336-2023 - Software-defined security framework for telecommunications networks based on SDN/NFV

5 Classification and status

International classification (ICS): 33.060

Chinese Standard Classification (CCS): M 36

Prefix YD/T: recommended standard.

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