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ICS 33.040.20
CCS M14

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4293-2023

Technical Requirements for Transport Network Slicing Subnet Management Function (TN-NSSMF) Based on Sliced Packet Network (SPN)

基于切片分组网（SPN）的承载网切片子网管理功能（TN-NSSMF）技术要求

(English Translation)

Issued on: April 21, 2023 **Implemented on: August 1, 2023**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4293-2023 was issued by Ministry of Industry and Information Technology on 21 April 2023 and has been in force since 1 August 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 system architecture, functional architecture, slice planning management, life cycle management, performance management, alarm management and other functions of the SPN-based bearer network slice subnet management function (TN-NSSMF), as well as the corresponding slice management process. This standard is applicable to the development and testing of SPN-based bearer network slicing subnet management functions.

YD/T 4293-2023 falls under ICS 33.040.20, 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:

YZ/T 0173-2020 - Specifications for regulatory data access of intelligent mail and parcel locker and intelligent self-express service machine

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

YD/T 1548.1-2007 - 2GHz WCDMA digital cellular mobile communication network terminal equipment testing method (second stage) - Part 1: Basic functions, operations and performance testing

YD/T 6704-2026 - Technical requirements for Mk interface of Quantum Key Distribution (QKD) network

YD/T 4297-2023 - Technical requirements for integrated reconfigurable optical add-drop multiplexing (ROADM) equipment

YD/T 4291-2023 - Technical requirements for the interface between 5G network slice management function (NSMF) and bearer network slice subnet management function (TN-NSSMF) based on sliced packet network (SPN)

5 Classification and status

International classification (ICS): 33.040.20

Chinese Standard Classification (CCS): M 14

Prefix YD/T: recommended standard.

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