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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4813-2024

Technical requirements for flexible optimal path algorithm supporting IP network slicing

支持IP网络切片的灵活最优路径算法技术要求

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4813-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 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 technical background and architecture of the flexible optimal path algorithm that supports IP network slicing, as well as the slicing scheme that supports the flexible optimal path algorithm. This standard is applicable to network equipment that supports the flexible optimal path algorithm for IP network slicing.

YD/T 4813-2024 falls under ICS 01.040.35, in the field of generalities, terminology and documentation.

This catalogue holds 85 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 41301-2022 - Management requirements of IPv6 address in intelligent manufacturing environments

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 6641-2026 - Industrial Internet edge computing - Edge gateway technical requirements and test methods

YD/T 4812-2024 - Technical requirements for virtual extension access system of service router

YD/T 4805-2024 - Time-Sensitive Networking (TSN) over Internet Protocol and Multiprotocol Label Switching (IP

5 Classification and status

International classification (ICS): 01.040.35

Chinese Standard Classification (CCS): M 11

Prefix YD/T: recommended standard.

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