Chinastandards.org

ICS 33.040.40
CCS L78

YD

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YD/T 6466-2025

## Technical requirements for deterministic slicing of IP network

IP网络确定性切片技术要求

**(English Translation)**

**Issued on: July 2, 2025** **Implemented on: November 1, 2025**

**Issued by: Ministry of Industry and Information Technology**

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-6466-2025

# Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Abbreviations
3.1 Terms and definitions
4 General
4.1 Test environment
4.2 UE Information
4.3 Test Implementation
5 Technical requirements

## 1 Foreword

YD/T 6466-2025 was issued by Ministry of Industry and Information Technology on 2 July 2025 and has been in force since 1 November 2025.

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 requirements for supporting deterministic slicing functionality in IP networks, including the overall deterministic architecture of IP networks, message encapsulation, functional requirements, interface requirements, router functional requirements, quality of service, operation and maintenance management, etc. This document applies to the research, design, and testing of router equipment with IP network deterministic slicing functionality.

YD/T 6466-2025 falls under ICS 33.040.40, 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.



Preview: page 2 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-6466-2025

## 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:

CJ/T 188-2018 - Technical requirements of utility meters data transmission

YDC 079-2009 - Technical Specifications and Testing Methods of Wireless LAN for Mobile Terminals

YD/T 6458-2025 - Technical specification for virtual Broadband Remote Access Server (VBRAS) pooling of IP metro area network

YD/T 6457-2025 - Technical requirements of YANG data model for SRv6 configuration and management

YD/T 6456-2025 - Intent-based network for SDN/NFV intelligent network - API requirements for the intent engine

## 5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.



Preview: page 3 of 3 shown, 15 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-6466-2025