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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6178-2024

Technical requirements for the interface between deep packet inspection (DPI) equipment and flow control platform

深度报文检测（DPI）设备与流控平台接口技术要求

(English Translation)

Issued on: December 10, 2024 **Implemented on: April 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6178-2024 was issued by Ministry of Industry and Information Technology on 10 December 2024 and has been in force since 1 April 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 the interface between the operator's backbone network deep packet inspection (DPI) equipment and the network flow control platform. It is a technical document that needs to be followed for communication between the DPI equipment and the network flow control platform, including the network flow control platform function overview, interface definition, message flow, message structure, file format, etc. This standard is applicable to the construction of the operator's backbone network flow control platform.

YD/T 6178-2024 falls under ICS 33.040, 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:

YD/T 2375-2019 - Technical requirements for high accuracy time synchronization

JT/T 1076-2016 - GNSS System for Operating Vehicles - Technical Specifications for Vehicle Video Terminal

YD/T 2554.1-2013 - Plastic optical fiber connector - Part 1: Type LC

YD/T 3118-2026 - Parameters and methods of test for website IPv6 support

YD/T 6177-2024 - Technical requirements for FDN-based deep packet inspection equipment

YD/T 6180-2024 - Deterministic IP Networking for Telecom Networks - Equipment test methods

5 Classification and status

International classification (ICS): 33.040

Chinese Standard Classification (CCS): M 32

Prefix YD/T: recommended standard.

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