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ICS 01.040.33
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6071-2024

Technical requirements for path computation unit communication protocol

路径计算单元通信协议技术要求

(English Translation)

Issued on: October 24, 2024 **Implemented on: February 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6071-2024 was issued by Ministry of Industry and Information Technology on 24 October 2024 and has been in force since 1 February 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 path calculation unit communication protocol (PCEP) used between the path calculation unit and the path calculation client, including the message transmission, protocol flow, message and object format of the path calculation unit communication protocol. This standard is applicable to equipment and systems that support the PCEP protocol.

YD/T 6071-2024 falls under ICS 01.040.33, 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 6078-2024 - Technical requirements for intelligent real-time audio and video transmission network interface

YD/T 6075-2024 - Network architecture technical requirements for intelligent real-time audio and video transmission networks

YD/T 6072-2024 - Path Computation Unit Communication Protocol Conformance Test Method

5 Classification and status

International classification (ICS): 01.040.33

Chinese Standard Classification (CCS): M 11

Prefix YD/T: recommended standard.

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