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ICS 33.040.40
CCS L79

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 1391.1-2005

MultiProtocol Label Switching (MPLS) Testing methods

多协议标记交换(MPLS)测试方法

(English Translation)

Issued on: September 1, 2005 **Implemented on: December 1, 2005**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 1391.1-2005 was issued by Ministry of Industry and Information Technology on 1 September 2005 and has been in force since 1 December 2005.

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 120 pages in English translation.

2 Scope Preview

This standard specifies the Multi-Protocol Label Switching (MPLS) label switching function test, label distribution protocol (LDP) conformance testing, performance testing methods and requirements. Label Switching MPLS functional test consists mainly of basic functional testing requirements, marking only the LDP distribution protocol conformance testing protocol conformance test were provided (not included CR-LDP, RSVP-TE signaling protocol), performance testing including MPLS performance CoS performance and content. This standard applies to the edge of label switching node, the core MPLS label switching node and link layer technologies with a specific (such as ATM, FR, PPP, etc.) combined node device.

YD/T 1391.1-2005 falls under ICS 33.040.40, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

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In this catalogue, YD/T standards carry edition years from 1982 to 2026.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 120 pages (approximate)

Chinese original: about 180,185 characters

4 Related standards

Standards on related subjects:

GB/T 17969.1-2015 - Information technology -- Open systems interconnection -- Procedures for the operation of OSI registration authorities -- Part 1: General procedures and top arcs of the International Object Identifier tree

GB/T 17143.7-1997 - Information technology. Open Systems Interconnection. Systems Management. Part 7: Security alarm reporting function

GB/T 17143.4-1997 - Information technology. Open Systems Interconnection. Systems Management. Part 4: Alarm reporting function

YD/T 6547-2025 - Configuration requirement for 1XPs' bgp communities attribute

YD/T 6543-2025 - Requirements of the greenhouse gas emission accounting and reporting - Communication base station

YD/T 6116.2-2025 - Computing Power Interoperability Requirements - Part 2: Computing Power Scheduling

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): L 79

Prefix YD/T: recommended standard.

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