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ICS 33.040.40
CCS M33

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 1342-2005

IPv6 routing protocol. Border Gateway Protocol4 (BGP4) for IPv6

IPv6路由协议——支持IPv6的边界网关协议(BGP4)

(English Translation)

Issued on: May 11, 2005 **Implemented on: November 1, 2005**

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 8 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/yd-t-1342-2005

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1 Foreword

YD/T 1342-2005 was issued by Ministry of Industry and Information Technology on 11 May 2005 and has been in force since 1 November 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 8 pages in English translation.

2 Scope Preview

This standard provides support for IPv6 network layer protocol BGP4 protocol technical requirements, including: BGP4 protocol and multi-protocol extension mechanism defined using multi-protocol extension new property transfer mechanism for IPv6 routing information. This standard applies to the IPv6 network support BGP routers.

YD/T 1342-2005 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.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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English translation: about 8 pages (approximate)

Chinese original: about 12,133 characters

4 Related standards

Standards on related subjects:

YD/T 1272.3-2015 - Optical fiber connector - Part 3: Type SC

GB/T 9771.1-2008 - Single-mode optical fibres for telecommunication -- Part 1: Characteristics of a dispersion unshifted single-mode optical fibre

GB/T 18480-2001 - Specification for submarine optical fiber cables

YD/T 1258.2-2025 - Indoor optical fibre cables - Part 2: Simplex and duplex cable for use in terminated cable assemblies

YD/T 1113-2025 - Halogen fire low smoke and flame-retardant compounds for telecommunication cable and optical fibre cable

YD/T 1351-2018 - Optical transceiver module for coarse wavelength division multiplexing

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): M 33

Prefix YD/T: recommended standard.

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