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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4456-2023

IPv6 technical requirements Proxy mobile IPv6 regional mobility anchor point allocation technology

IPv6技术要求 代理移动IPv6区域移动锚点分配技术

(English Translation)

Issued on: December 20, 2023 **Implemented on: April 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4456-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 2024.

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 method for regional mobility anchor point allocation in the PM IPv6 domain. This method provides real-time LMA allocation, adjustment, mobile session redirection, etc. for the PM IPv6 domain, thereby better ensuring the quality of mobile handover management services. This standard applies to the mobility management entities Regional Mobility Anchor (LMA) and Mobile Access Gateway (MAG) in PM IPv6 networks.

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YD/T 4456-2023 is filed under Chinese Standard Classification L78, in the field of electronic components and information technology.

This catalogue holds 2,288 other YD/T standards without an ICS number.

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 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 4461-2023 - Software-defined wide area network (SD-WAN) value-added service technical requirements WAN acceleration

YD/T 4460-2023 - Software-defined wide area network (SD-WAN) key technical indicator system

YD/T 4455-2023 - Overall technical requirements for IP bearer networks based on SRv6

5 Classification and status

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.

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