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ICS 33.040.40
CCS M19

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4789-2024

Technical requirements for DS-Lite legal user authentication

轻型双栈（DS-Lite）合法用户验证技术要求

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4789-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 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 a method for checking the legitimacy of the tunnel establishment request of the gateway basic bridge broadband unit (B4) to improve the security protection capability of the address family transition router unit (AFTR) device in the traditional light dual stack (DS-Lite) environment. This standard is applicable to the secure deployment of the central office AFTR device in the light dual stack transition technology.

YD/T 4789-2024 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.

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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:

YZ/T 0173-2020 - Specifications for regulatory data access of intelligent mail and parcel locker and intelligent self-express service machine

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 2742-2026 - Technical requirements and testing method for packet digital microwave communication equipments and

YD/T 4799-2024 - Technical requirements for PCP proxy

YD/T 4780-2024 - Technical requirements for cloud control of autonomous taxis based on 5G remote control driving information interaction system

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): M 19

Prefix YD/T: recommended standard.

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