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ICS 33.040.40
CCS L78

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4790-2024

Application scenarios of DNS transmission technology based on TLS and DTLS

基于TLS和DTLS的DNS传输技术应用场景

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4790-2024

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1 Foreword

YD/T 4790-2024 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 the application scenarios of improved DNS transmission technology based on TLS and DTLS, including request data, cache monitoring, data transmission, server-side and identity behavior analysis. This standard applies to domain name-related registration management agencies and service agencies.

YD/T 4790-2024 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.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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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 4785.2-2024 - SRv6 Control Plane Technical Requirements - Part 2: OSPFv3 Protocol Extensions

YD/T 4785.1-2024 - SRv6 Control Plane Technical Requirements - Part 1: ISIS Protocol Extensions

YD/T 4784-2024 - Technical requirements for service chains based on SRv6

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): L 78

Prefix YD/T: recommended standard.

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