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ICS 35.240.30
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4659-2024

Technical requirements for risk assessment of Internet domain name system root services

互联网域名系统根服务风险评估技术要求

(English Translation)

Issued on: March 29, 2024 **Implemented on: July 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4659-2024

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1 Foreword

YD/T 4659-2024 was issued by Ministry of Industry and Information Technology on 29 March 2024 and has been in force since 1 July 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 methods and processes for risk assessment of the root service of the Internet domain name system. This standard applies to structural risk analysis of the root service of the Internet domain name system, security risk assessment of domain name services in designated management domains, and root service planning, design, and construction. The root service of the domain name system includes root zone data management and root resolution services.

YD/T 4659-2024 falls under ICS 35.240.30, in the field of information technology.

This catalogue holds 725 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:

YD/T 2583.18-2019 - Requirement and measurement methods of electromagnetic compatibility for cellular mobile telecommunication equipment - Part 18: 5G user equipment and ancillary equipment

YD/T 2653-2013 - Product standard to demonstrate the compliance of short range devices(SRD) and similar applications related to human exposure to electromagnetic fields (1OHz~30MHz)

GB/T 3873-1983 - General specifications for products packaging of communication equipments

YD/T 6788-2026 - Test requirements for 3D machine vision application of the Industrial Internet

YD/T 4918.4-2026 - Machine vision based on edge computing - Part 4: Technical Requirements and Testing Methods

YD/T 4661-2024 - Cyberspace security simulation Internet domain name system root service risk simulation technical requirements

5 Classification and status

International classification (ICS): 35.240.30

Chinese Standard Classification (CCS): M 07

Prefix YD/T: recommended standard.

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