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ICS 35.240.30
CCS M07

YD

# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YD/T 4661-2024

## Cyberspace security simulation Internet domain name system root service risk simulation technical requirements

网络空间安全仿真 互联网域名系统根服务风险仿真技术要求

**(English Translation)**

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

**Issued by: Ministry of Industry and Information Technology**

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## 1 Foreword

YD/T 4661-2024 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 technical requirements for the simulation of the root service of the Internet domain name system, including the requirements for the construction of the root service risk simulation environment and the requirements for the simulation of root service risks. This standard applies to the structural risk analysis of the root service of the Internet domain name system, the security risk assessment of the domain name service of the designated management domain, and the planning, design, and construction of the root service.

YD/T 4661-2024 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 4659-2024 - Technical requirements for risk assessment of Internet domain name system root services

## 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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