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# INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

# YD/T 4594-2023

## Cyberspace security simulation test environment isolation requirements

网络空间安全仿真 试验环境隔离要求

**(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 4594-2023 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 isolation requirements for cyberspace security simulation test environments, including network isolation, access control, virtual node isolation, data protection, security protection, and security management. This standard applies to the construction and use of cyberspace security simulation test environments.

YD/T 4594-2023 is filed under Chinese Standard Classification L70, in the field of electronic components and information technology.



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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:

YD/T 3746-2020 - Specification of internet of vehicle information service - User personal information protection

GB/T 28826.2-2020 - Information technology-Common biometric exchange formats framework-Part 2:Procedures for the operation of the biometric registration authority

GB/T 31071-2014 - General science and technology infrastructure-Principles and methods for conformance testing

YD/T 4589-2023 - Cyberspace Security Simulation Functional Requirements of Cybersecurity Knowledge Acquisition System

YD/T 4585-2023 - Telecom network and Internet network security capability maturity evaluation methods

YD/T 4584-2023 - Telecom network and Internet network security capability maturity evaluation model

## 5 Classification and status

Chinese Standard Classification (CCS): L 70

Prefix YD/T: recommended standard.



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