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ICS 33.030
CCS M21

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4503.1-2024

Internet data center service billing detection technical requirements and test methods - Part 1: Common parts for public cloud services

互联网数据中心业务计费检测技术要求和测试方法 第1部分：公有云服务通用部分

(English Translation)

Issued on: December 10, 2024 **Implemented on: April 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4503.1-2024 was issued by Ministry of Industry and Information Technology on 10 December 2024 and has been in force since 1 April 2025.

It is one of 2 parts of the YD/T 4503 series.

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.

2 Scope Preview

This standard specifies the general technical requirements and test methods for billing of public cloud services in Internet data center services, including service specifications, tariff plans, subscription duration/service usage calculation, fee calculation, billing details, billing, time requirements, billing error rate and corresponding test methods. This standard applies to billing tests of public cloud services in Internet data center services.

YD/T 4503.1-2024 falls under ICS 33.030, 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

Other parts of this standard:

YD/T 4503.2-2024 - Technical requirements and test methods for Internet data center service billing detection - Part 2: Cloud host

Standards on related subjects:

YD/T 3909-2021 - Vehicle emergency call system based on public telecommunication network - Requirements and architecture

YD/T 3910-2021 - Vehicle emergency call system based on public telecommunication network - Technical requirements and test method of the vehicle emergency rescue platform

YD/T 1761-2012 - Technical requirements for web accessibility

YD/T 4513-2023 - Technical requirements for security capabilities of embedded universal integrated circuit cards (eUICC) for consumer electronic devices

YD/T 4512-2023 - Technical requirements for security capabilities of embedded universal integrated circuit cards (eUICC) for IoT devices

5 Classification and status

International classification (ICS): 33.030

Chinese Standard Classification (CCS): M 21

Prefix YD/T: recommended standard.

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