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ICS 35.240
CCS L67

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6080-2024

Cloud Hosting Service Performance Benchmarking Methodology

云主机服务性能基准测试方法

(English Translation)

Issued on: October 24, 2024 **Implemented on: February 1, 2025**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 6080-2024 was issued by Ministry of Industry and Information Technology on 24 October 2024 and has been in force since 1 February 2025.

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 test methods for cloud host service performance, including four dimensions: CPU performance, memory performance, storage performance, and network performance, and establishes scenario-based test indicators and test methods based on three common application scenarios of cloud hosts. This standard applies to public cloud services and private cloud software products provided by service providers, that is, software products or solutions for public cloud services and private environments provided to public users.

YD/T 6080-2024 falls under ICS 35.240, 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:

GB/T 36073-2018 - Data management capability maturity assessment mode

YD/T 4392.3-2026 - General requirements for artificial intelligence development platform - Part 3: Performance requirements

YD/T 6083-2024 - Technical requirements for container-layer platforms for cloud-based networks

YD/T 6082-2024 - Technical requirements for northbound (management and orchestration) interfaces of container-layer platforms for cloud-based networks

5 Classification and status

International classification (ICS): 35.240

Chinese Standard Classification (CCS): L 67

Prefix YD/T: recommended standard.

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