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ICS 35.240
CCS L70

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4047.1-2024

Distributed middleware service technical capability requirements - Part 1: Distributed transaction services

分布式中间件服务技术能力要求 第1部分：分布式事务服务

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4047-1-2024

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1 Foreword

YD/T 4047.1-2024 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 4047 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 technical requirements for distributed middleware transaction services, including technical architecture, functional requirements, performance requirements, and security requirements. This standard is applicable to guiding the design, implementation, testing and evaluation of distributed middleware transaction services.

YD/T 4047.1-2024 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.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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English translation: about 15 pages (approximate)

4 Related standards

Other parts of this standard:

YD/T 4047.3-2022 - Technical Capability Requirements for Distributed Middleware Services - Part 3: API Gateway

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 4049-2022 - Green Design Product Evaluation Technical Specification Server

YD/T 4048-2022 - Evaluation Rules for Green Supply Chain Management of Communication Manufacturing Industry

5 Classification and status

International classification (ICS): 35.240

Chinese Standard Classification (CCS): L 70

Prefix YD/T: recommended standard.

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