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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4409.1-2023

Cloud Native Capability Maturity Model - Part 1: Technical Architecture

云原生能力成熟度模型 第1部分：技术架构

(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 4409.1-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 2024.

It is one of 2 parts of the YD/T 4409 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 a technology architecture capability maturity assessment model based on cloud native. It evaluates the elasticity, high availability, and self-healing capabilities of cloud native technology architecture from four dimensions: resource management domain, operation and maintenance guarantee domain, R&D test domain, and application service domain. The maturity of cloud native capabilities in terms of security, observability, and automation. This standard is suitable for providing enterprises with reference and guidance for the cloud-native construction of technical architecture.

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YD/T 4409.1-2023 is filed under Chinese Standard Classification L67, in the field of electronic components and information technology.

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

Other parts of this standard:

YD/T 4409.2-2023 - Part 2: Business Applications

Standards on related subjects:

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

YD/T 4394.9-2026 - Natural language processing technology and product evaluation method - Part 9: opinion mining system

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

5 Classification and status

Chinese Standard Classification (CCS): L 67

Prefix YD/T: recommended standard.

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