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ICS 35.210
CCS L70

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 6081-2024

Enterprise digital infrastructure cloud management and service operation capability maturity model

企业数字基础设施云化管理和服务运营能力成熟度模型

(English Translation)

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

Issued by: Ministry of Industry and Information Technology

Preview: page 1 of 3 shown, 15 in the full document. Complete English PDF, instant download:
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Table of Contents

[Preview only]
1 Scope
2 Normative references
3 Abbreviations
3.1 Terms and definitions
4 General
4.1 Test environment
4.2 UE Information
4.3 Test Implementation
5 Requirements

1 Foreword

YD/T 6081-2024 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 overall capability and value maturity requirements for cloud management and service operations of enterprise digital infrastructure, including cloud intelligence platformization, capability componentization, data valueization, lean management, systematization of operations, and transversal risk control, as well as six major values: cost concentration, benefit improvement, quality assurance, business innovation, risk control, and customer satisfaction. This standard applies to information technology leaders and related personnel in the process of enterprise digital transformation, and clarifies the role, functional positioning and actual value of digital infrastructure and information technology service operations in enterprise digital transformation.

YD/T 6081-2024 falls under ICS 35.210, in the field of information technology.

This catalogue holds 725 other YD/T standards in that field.

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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 6642-2026 - Industrial Internet - Technical requirements of assets identification

YD/T 4405.7-2026 - Medical cloud computing assessment method - Part 7: Artificial intelligence applications

YD/T 6090-2024 - Internet-oriented medical artificial intelligence-assisted decision-making - Auxiliary decision-making system algorithm indicators and test methods based on pathological images

5 Classification and status

International classification (ICS): 35.210

Chinese Standard Classification (CCS): L 70

Prefix YD/T: recommended standard.

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