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ICS 35.240
CCS L67

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4598.4-2024

Zero Trust System for Cloud Computing - Part 4: Data protection capability requirements

面向云计算的零信任体系 第4部分：数据保护能力要求

(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 4598.4-2024 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 6 parts of the YD/T 4598 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 data protection capability requirements in the zero-trust system for cloud computing, including the overall architecture, data protection scenario-specific capability requirements, and general management capability requirements. This standard applies to vendors developing, designing, and building data protection products or solutions based on the zero-trust concept in a cloud environment.

YD/T 4598.4-2024 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

Other parts of this standard:

YD/T 4598.1-2024 - Zero Trust for Cloud Computing - Part 1: Overall Architecture

YD/T 4598.2-2023 - Part 2: Key Capability Requirements

YD/T 4598.3-2023 - Zero trust system for cloud computing - Part 3: Security access service edge capability requirements

YD/T 4598.5-2024 - Part 5: Business security capability requirements

YD/T 4598.6-2024 - Part 6: Digital Identity Security Capability Requirements

Standards on related subjects:

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

5 Classification and status

International classification (ICS): 35.240

Chinese Standard Classification (CCS): L 67

Prefix YD/T: recommended standard.

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