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ICS 35.240.40
CCS A11

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4234-2023

Technical Framework of Secure Computing System Based on Trusted Execution Environment

基于可信执行环境的安全计算系统技术框架

(English Translation)

Issued on: April 21, 2023 **Implemented on: August 1, 2023**

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 4234-2023 was issued by Ministry of Industry and Information Technology on 21 April 2023 and has been in force since 1 August 2023.

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 technical framework of a secure computing system based on a trusted execution environment, and regulates the overview, technical architecture, technical characteristics, security requirements, etc. of a secure computing system based on a trusted execution environment. This standard applies to the design, development, testing, operation and maintenance of secure computing systems based on trusted execution environments.

YD/T 4234-2023 falls under ICS 35.240.40, 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:

JR/T 0197-2020 - Financial data security - Guidelines for data security classification

JR/T 0153-2017 - Inappropriate circulated RMB banknote

JR/T 0154-2017 - Technical specification for authentication capability of RMB cash authentication machines

YD/T 4414-2023 - Data center storage array technical requirements and testing methods

YD/T 4384-2023 - Trusted Data Services Assessment Requirements for Financial Institutions' External Trusted Data Sources

5 Classification and status

International classification (ICS): 35.240.40

Chinese Standard Classification (CCS): A 11

Prefix YD/T: recommended standard.

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