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ICS 35.020
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YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4947-2024

Security requirements for privacy computing trusted execution environment products

隐私计算 可信执行环境产品安全要求

(English Translation)

Issued on: July 5, 2024 **Implemented on: October 1, 2024**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YD/T 4947-2024 was issued by Ministry of Industry and Information Technology on 5 July 2024 and has been in force since 1 October 2024.

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 security requirements for privacy computing products based on trusted execution environment, including computing environment security, computing process security, data security, cryptographic security, communication security, platform general security, stability, log and evidence storage, etc. This standard is applicable to the development, testing, evaluation and acceptance of privacy computing products based on trusted execution environment.

YD/T 4947-2024 falls under ICS 35.020, 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:

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 4950-2024 - Technical requirements for multi-party data fusion mining of trusted data services

YD/T 4949-2024 - Technical Guidelines for Contribution Assessment in the Secure Circulation of E-Government Data

YD/T 4948-2024 - Privacy Computing Trusted Execution Environment Product Performance Testing Requirements

5 Classification and status

International classification (ICS): 35.020

Chinese Standard Classification (CCS): L 70

Prefix YD/T: recommended standard.

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