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ICS 33.040.40
CCS A90

YD

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YD/T 4577-2023

Network security simulation malware hazard assessment method

网络安全仿真 恶意软件危害性测评方法

(English Translation)

Issued on: December 20, 2023 **Implemented on: April 1, 2024**

Issued by: Ministry of Industry and Information Technology

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https://chinastandards.org/standards/yd-t-4577-2023

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1 Foreword

YD/T 4577-2023 was issued by Ministry of Industry and Information Technology on 20 December 2023 and has been in force since 1 April 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 methods and basis for detection environment construction, data collection, and hazard assessment during the malware attack and defense process. This standard is applicable to the testing and assessment of malware attack hazards in network security simulation environments.

YD/T 4577-2023 falls under ICS 33.040.40, in the field of telecommunications.

This catalogue holds 3,420 other YD/T standards in that field.

In this catalogue, YD/T standards carry edition years from 1982 to 2026.

3 About this standard

Sector: Telecommunication Industry Standard (Recommended)

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4 Related standards

Standards on related subjects:

GA/T 1366-2017 - Police digital trunking communication system - technical specifications for mobile stations

GA/T 1368-2017 - Police digital trunking communication system - Technical specifications for engineering

GA/T 1393-2017 - Information security technology - Security technical requirements for computer security reinforcement systems

YD/T 6896-2026 - Digital Identity - General framework of distributed service

YD/T 6036-2024 - Technical requirements for mobile intelligent terminal security situation awareness platform

YD/T 3082-2024 - Mobile smart terminal personal information protection regulations

5 Classification and status

International classification (ICS): 33.040.40

Chinese Standard Classification (CCS): A 90

Prefix YD/T: recommended standard.

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