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Cybersecurity technology - Technical specifications for operation and maintenance security management products

网络安全技术 运维安全管理产品技术规范

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

This document was proposed and coordinated by the National Cybersecurity Standardization Technical Committee (SAC/TC260).

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Introduction

In order to implement Article 23 of the Cybersecurity Law of the People's Republic of China, GB 42250 "Information Security Technology Network Security Special Products The

Security Technical Requirements specifies the baseline requirements that both network security-specific products and their providers must meet.

This document is a supporting standard for GB 42250.GB 42250 and this document are used together to guide the research and development, production and operation of operation and maintenance safety management products.

Production, service, testing and certification.

Network security technology operation and maintenance security management products Technical Specifications

1 Scope

This document specifies the security function requirements, inherent security requirements, security assurance requirements and testing and evaluation methods of operation and maintenance security management products.

And put forward product grade classification requirements.

This document applies to the design, research and development, production, service, testing and certification of operation and maintenance safety management products.

2 Normative references

GB/T 18336

GB/T 22239-2019

GB/T 25069

GB/T 36626-2018

GB/T 39786-2021

GB/T 39837-2021

GB 42250-2022

3 Terms and definitions

GB/T 18336 (all parts), GB/T 25069 and the following terms and definitions apply to this document.

3.1

Provide a unified identity authentication interface and multiple remote operation and maintenance management methods for operation and maintenance users, and centrally manage assets and their accounts.

A product that authorizes, monitors and audits the operation and maintenance process, and issues alarms and blocks any illegal operations.

3.2

Information assets that are protected by operation and maintenance security management products and are remotely operated and managed through operation and maintenance security management products.

Note. Common operation and maintenance objects include operating systems, database management systems, network equipment, security equipment, etc.

3.3

Users (personnel or automated operation and maintenance tools) who operate, maintain and manage information assets through operation and maintenance security management products.

Note. Operation and maintenance users usually use their accounts as user identification, and the accounts are managed and maintained by operation and maintenance security management products.

3.4

Administrators who manage the operation and maintenance security management product itself.

Note. Authorized administrators include system administrators, security administrators, and audit administrators, and their responsibilities are limited to the management of the operation and maintenance security management product itself.