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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GA/T 1726-2020

**Information security technology - Security technical
requirements for load balancing products**

信息安全技术 负载均衡产品安全技术要求

(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard was proposed by the Cyber Security Bureau of the Ministry of Public Security.

This standard is under the jurisdiction of the Information System Security Standardization Technical Committee of the Ministry of Public Security.

Drafting organizations of this standard. Cyber Security Bureau of the Ministry of Public Security, Computer Information System Security Product Quality Supervision and Inspection Center of the Ministry of Public Security, Shenzhen Xinfu Technology Co., Ltd.

1 Scope

This standard specifies the safety function requirements, safety guarantee requirements and safety level requirements of load balancing products.

This standard applies to the design, development and testing of load balancing products.

2 Normative references

The following documents are indispensable for the application of this document. For dated reference documents, only the dated version applies to this document.

For undated references, the latest version (including all amendments) applies to this document.

GB/T 18336.3-2015 Information Technology Security Technology Information Technology Security Assessment Criteria Part 3: Security Assurance Components GB/T 25069-2010 Information Security Technical Terms

3 Terms and definitions

The following terms and definitions defined in GB/T 18336.3-2015 and GB/T 25069-2010 apply to this document.

Load balancing

It is a technology that distributes the same task to multiple operation units through a specific algorithm, and uses a health detection mechanism to ensure the rationality of scheduling.

Automation client

An application that can operate on public objects belonging to another application.

4 Abbreviations

The following abbreviations apply to this document.

DDoS. Distributed Denial of Service Attack HA. high availability HTTP. Hypertext Transfer Protocol HTTPS. Hypertext Transfer Protocol based on Secure Socket Layer ICMP. Internet Control Message Protocol SNMP. Simple Network Management Protocol SSL. Secure Socket Layer TCP. Transmission Control Protocol UDP. User Datagram Protocol URL. Uniform Resource Locator QoS. quality of service ARP. Address Resolution Protocol