

Network critical equipment and network security dedicated product catalog

1. Key network equipment

Serial number	Equipment category	scope
ÿ	router	The throughput of the whole system (two-way) ÿ 12Tbps The capacity of the routing table of the whole system ÿ 550,000
ÿ	switch	The throughput of the whole system (two-way) ÿ 30Tbps The packet forwarding rate of the whole system ÿ 10Gpps
3	Server (rack mount)	Number of CPUs ÿ 8 Single CPU cores ÿ 14 Memory capacity ÿ 256GB
ÿ	PLC (PLC device)	Controller command execution time ÿ 0.08 microseconds

2. Special products for network security

serial number	product category	Product Description
ÿ	Data backup and recovery products	A product capable of backing up and restoring information system data and managing the backup and restoration process.
ÿ	firewall	A product that analyzes the passing data stream and implements access control and security protection functions.
ÿ	Intrusion Detection System (IDS)	It uses the data packets on the network as the data source, listens to and analyzes all the data packets of the protected network nodes, and discovers abnormal behavior products.

ŷ	Intrusion Prevention System (IPS)	Deployed on the network path in the form of a bridge or gateway, by analyzing network traffic, discovering network behaviors with intrusion characteristics, and intercepting them before they enter the protected network.
ŷ	Network and Endpoint Isolation Products	Establish security between different network terminals and network security domains Control point, a product that provides access controllable services between different network terminals and network
6 Anti-spam products		security domains. Software or a combination of software and hardware that can identify and process spam, including but not limited to anti-spam gateways, anti-spam system, anti-spam software installed on the mail server, and anti-spam products integrated with the mail server, etc. Collect records and activity data of
products that implement event tracing		the network, information systems and their components, store and analyze these data, and use 7 Network Security audit products are and discover security violations or exceptions.
ŷ	Network Vulnerability Scanning Products	Software or a combination of software and hardware that uses scanning methods to detect possible security weaknesses in the target network system.
9 Secure database system		A database system that follows a complete set of system security policies from all stages of system design, implementation, use, and management, with the purpose of ensuring data security at the database level.
backup and recovery. Products that		Products that provide website data monitoring, anti-tampering, and data establish dedicated secure transmission channels on public
11 Virtual Private Network Products		communication infrastructure networks such as Internet links.
12 Antivirus Gateway		Deployed between networks, by analyzing the communication between the network layer and the application layer, according to the pre-defined filtering rules and protection strategies, it is a product that protects against viruses in the network.
ŷŷ	Unified Threat Management Products (UTM)	It is a gateway-type device or system that comprehensively defends against security threats to the network and application systems through the unified deployment of security policies and the integration of multiple security functions.
14 Virus prevention products		Products used to detect or prevent the spread of malicious code and tampering, theft and destruction of host operating system applications and user files.

15	Safe Operating System	An operating system that follows a complete set of security policies at all stages from system design, implementation to use, and aims to ensure system security at the operating system level.
16	Secure network storage	A dedicated storage device connected to the server based on different protocols through the network. It
17	Public Key Infrastructure	supports the public key management system and provides infrastructure for authentication, encryption, integrity and non-repudiation
网络安全	Network Security Situational Awareness Products	services. By collecting network traffic, asset information, logs, vulnerability information, alarm information, Threat information and other data, analysis and processing of factors such as network behavior and user behavior, mastering network security status, predicting network security trends, and displaying, monitoring and early warning products.
信息安全	Information system security management platform	The security strategy of the information system and the security computing environment that implements the strategy, A platform for unified management of security mechanisms such as security area borders and security communication networks.
网络控制	Network Flow Control Products	A traffic management system that performs traffic monitoring and bandwidth control on networks in security
21	Load balancing products	domains. Products that provide functions such as link load balancing, server load balancing, network traffic optimization, and intelligent processing.
22	Information filtering products	A product that screens and controls network information such as text and pictures.
网络安全	Anti-denial of service attack products	Products used to identify and block denial-of-service attacks and ensure system availability.
24	Terminal Access Control Products	Products that provide access control functions for terminals connected to the network.
信息安全	USB mobile storage media management system	It is a product that adopts management methods such as identity authentication, access control, and audit mechanism for mobile storage devices to realize trusted access between mobile storage devices and host devices.
26	File Encryption Products	Products used to prevent attackers from stealing data stored in the form of files and to ensure the security of stored data.
		A product that prevents sensitive information inside the security domain from being leaked without authorization by controlling and auditing the main channels of output of sensitive information within the security domain.

28 data destruction software products that	Use information technology to clear the underlying data at the logical level, completely destroy the data carried by the storage medium.
29 Security Configuration Check Products	A product that implements security configuration detection and compliance analysis of assets based on security configuration requirements, and generates security configuration recommendations and compliance reports.
30 Operation and maintenance security management products	A product that realizes single sign-on, centralized authorization, centralized management and auditing for the maintenance process of important assets of the information system.
31 Log Analysis Products	It is a security product that collects log data in the information system and performs centralized storage and analysis.
32 Identification products	Products that require users to provide identification information based on electronic information or biometric information to confirm the identity of application system users.
products that use the system and network	Conduct security monitoring and control on the terminal, discover and prevent resources without authorization.
yy Electronic document security management products	It is a product for unified management, monitoring and auditing of secure electronic documents by making secure electronic documents or converting electronic documents into secure electronic documents.