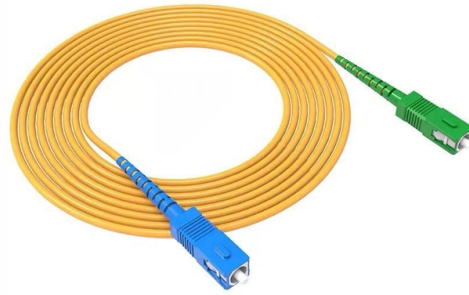


An intelligent protection module for a network security device



Overview

Based on the requirements of computer network security, this article designs a computer network security protection system. The system applies an artificial intelligence analysis engine and combines hardware and software design optimization to achieve multi-level security. The network security monitoring device (ZJXD) designed is a network security monitor based on threat intelligence and anti-attack chain intrusion technology. These increasing operational demands. icated intrusion detection and prevention product. These solutions merge IDS and IPS capabilities—such as log analysis, alerts, and automated remediation—to counter evolving. Future communication networks will support AI (Artificial Intelligence) applications. In network security governance, AI possesses excellent capabilities threats, instant warnings, and rapid response.

Article Content

An Intelligent Hybrid Intrusion Detection and Prevention System for ...

In addition to anomaly-detection and signature-matching systems, this presents a new IDS and IPS system that leverages deep learning artificial intelligence to maximize high-speed network protection.

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With a comprehensive approach to security, it integrates endpoint protection, network security, and threat intelligence, ensuring comprehensive defense against a wide range of cyber ...

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Design and implementation of network security defense system based ...

Based on the requirements of computer network security, this article designs a computer network security protection system. The system applies an artificial intelligence analysis engine and ...

(PDF) An Intelligent Network Security Protection Solution

It is demonstrated with experimental results that the proposed technique can provide a real-time response to the attack with a significantly improved detection ratio in controller area network...

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Protection against today's stealthy threats and streamline security operations. Your network faces advanced attacks that can evade traditional detection methods—which is why our IPS layers multiple ...

GTI AI-Based Autonomous Security Protection System White Paper

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An Intelligent Network Security Protection Solution

To prevent the abuse of network resources, leakage of sensitive information and other violations from happening in the future, it is also a necessary approach to detect Behavior and content of computer ...

Cisco Next-Generation Intrusion Prevention System ...

Cisco Secure IPS (NGIPS) provides contextual awareness, security intelligence, and advanced threat protection against attacks and malware.

NIP2000/5000 Network Intelligent Protection System

The NIP monitors and controls applications such as instant messaging (IM), online games, online video, and online stock, helping enterprises identify and restrict unauthorized network behaviors and ...

Best IDS & IPS Solutions (Intrusion Detection

With a comprehensive approach to security, it integrates endpoint protection, network security, and threat intelligence, ensuring comprehensive ...

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