CiscoPress - Cisco Secure Intrusion Detection System

Implement an around-the-clock network surveillance system with an authorized self-study guide

Organizations continue to deploy firewalls as their central gatekeepers to prevent unauthorized users from entering their networks. However, network security is in many ways similar to physical security in that no one technology serves all needs-rather, a layered defense provides the best results. Organizations are increasingly looking to additional security technologies to counter risk and vulnerability that firewalls alone cannot address. Network-based intrusion detection systems (IDSs) provide around-the-clock network surveillance. The Cisco Secure Intrusion Detection System (CSIDS) is a real-time, network-based IDS designed to detect, report, and terminate unauthorized activity throughout a network.

Whether you are preparing for the Cisco Security Specialist 1 certification or simply want to understand and make the most efficient use of intrusion detection systems, Cisco Secure Intrusion Detection System provides you with a complete solution for designing, implementing, and managing CSIDS networks.

- Official study materials for the Cisco Security Specialist 1 IDSPM exam
- Provides a comprehensive reference for the design, deployment, and management of the Cisco Secure Intrusion Detection System
- Understand the basic concepts of network security and the Cisco Security Wheel
- Learn about the concept of intrusion detection, the philosophy behind various IDSs, and the major components of the CSIDS
- Evaluate CSIDS Sensor deployment by using both 4200 Series Sensors and Catalyst 6000 IDS modules to determine where to place sensors in your network
- Install and configure CSPM as a Director platform to manage your CSIDS Sensors and analyze alarm information
- Examine the multitude of signatures supported by CSIDS and understand how to effectively manage CSIDS alarms
- Configure the major features of CSIDS, including IP blocking, sensor configuration, and signature filtering
- Install and configure the Cisco Secure ID Director platform, the configuration management utility, and the Cisco IOS Firewall IDS
- Examine feature updates and performance enhancements planned for the Cisco Secure IDS product line

Earl Carter is a Security Research Engineer and member of the Security Technologies Assessment Team (STAT) for Cisco Systems, Inc.(r), where he performs security evaluations on numerous Cisco products, including everything from the PIX(r) Firewall and VPN solutions to Cisco CallManager and other VoIP products. Earl started with Cisco doing research for Cisco Secure Intrusion Detection System (formerly NetRanger) and Cisco Secure Scanner (formerly NetSonar).

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