

response, Cisco ASA: All-in-One Next-Generation Firewall, IPS, and VPN Services has been fully updated to cover the newest techniques and Cisco technologies for maximizing end-to-end security in your environment. Three leading Cisco security experts guide you through every step of creating a complete security plan with Cisco ASA, and then deploying, configuring, operating, and troubleshooting your solution.

Fully updated for today's newest ASA releases, this edition adds new coverage of ASA 5500-X, ASA 5850-X, ASA Services Module, ASA next-generation firewall services, EtherChannel, Global ACLs, clustering, IPv6 improvements, IKEv2, AnyConnect Secure Mobility VPN clients, and more. The authors explain significant recent licensing changes; introduce enhancements to ASA IPS; and walk you through configuring IPsec, SSL VPN, and NAT/PAT.

You'll learn how to apply Cisco ASA adaptive identification and mitigation services to systematically strengthen security in network environments of all sizes and types. The authors present up-to-date sample configurations, proven design scenarios, and actual debugs—all designed to help you make the most of Cisco ASA in your rapidly evolving network.

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Understand, install, configure, license, maintain, and troubleshoot the newest ASA devices
Efficiently implement Authentication, Authorization, and Accounting (AAA) services
Control and provision network access with packet filtering, context-aware Cisco ASA next-generation firewall services, and new NAT/PAT concepts
Configure IP routing, application inspection, and QoS
Create firewall contexts with unique configurations, interfaces, policies, routing tables, and administration
Enable integrated protection against many types of malware and advanced persistent threats (APTs) via Cisco Cloud Web Security and Cisco Security Intelligence Operations (SIO)
Implement high availability with failover and elastic scalability with clustering
Deploy, troubleshoot, monitor, tune, and manage Intrusion Prevention System (IPS) features
Implement site-to-site IPsec VPNs and all forms of remote-access VPNs (IPsec,

clientless SSL, and client-based SSL)

Configure and troubleshoot Public Key Infrastructure (PKI)

Use IKEv2 to more effectively resist attacks against VPNs

Leverage IPv6 support for IPS, packet inspection, transparent firewalls, and site-to-site IPsec VPNs

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