

TECH BRIEF

SKYBOX SOLUTIONS FOR PALO ALTO NETWORKS

Security Configuration, Compliance and Vulnerability Management

As organizations deploy multiple security products to safeguard their networks from wide-ranging threats, they are finding traditional, manual processes of risk analysis, intrusion prevention system (IPS) signature management, change management, auditing and compliance to be labor intensive and prone to error. To increase operational efficiency and reduce risk, Palo Alto Networks and Skybox® Security have partnered to deliver a cohesive enterprise security platform that significantly improves overall security policy and vulnerability management.

The Skybox® platform augments Palo Alto Networks Panorama™ for real-time security management of Palo Alto Networks Next-Generation Firewalls, and Prisma™ Cloud Compute Edition for vulnerability management of run-time deployments. Working with Palo Alto Networks, Skybox customers will be able to:

- Account for user and application settings when conducting firewall rule analysis
- Access comprehensive policy compliance audits
- Stay in control of all firewall change tracking
- Benefit from robust network path analysis
- Normalize data from Palo Alto Networks' Next-Generation Firewalls, routers, network devices and containers from Prisma™ Cloud Compute Edition

Organizations using the following Skybox solutions with the Palo Alto Networks platform will be able to take into account user and application settings when conducting firewall rule analysis, policy compliance audits, firewall change tracking and network path analysis.

INTEGRATION BENEFITS

The Skybox platform incorporates Palo Alto Networks Next-Generation Firewall data with vulnerability management and threat intelligence.

This empowers your administrators to execute firewall and device management tasks with diverse vendors and simplify migration projects. Together, Skybox Security and Palo Alto Networks provide you with:

- Policy and rule compliance
- Configuration compliance
- Vulnerability management
- Change management
- Granular hit count and rule usage information
- Firewall cleanup for redundant and shadowed rules
- Interactive and actionable model of firewalls, IPS, containers and layer 3 devices
- Correlated events in Panorama to the attack simulation in AttackIQ's API-first dashboard



Security Policy Management

Skybox's security policy management solution provides a centralized, automated, and vendor-agnostic approach for security policy and change management across hybrid and multi-cloud IT infrastructures. The Skybox platform empowers security, IT, and network teams with continuous visibility and understanding of their attack surface so they can collectively make informed decisions that strengthen the company's overall security posture. With Skybox, the platform's unique analytics capabilities ensure that rule-base optimization, continuous compliance, and change automation is consistent and effective across all traditional and evolving security, cloud, and network architectures and configurations.

Skybox Security's firewall management capabilities enhance the more targeted security controls presented by Palo Alto Networks Next-Generation Firewalls — automatically verifying the use and effectiveness of user- and application-specific network security controls in protecting against cyberthreats and misuse.

You can establish Next-Generation Firewall access and rule compliance policies by application and user levels, create firewall rule checks against these policies, track application changes, monitor network traffic for IPS policies and verify that firewall configuration settings match best practice security guidelines.

Vulnerability and Risk Management

Skybox's vulnerability and risk management solution provides a centralized, automated and vendor-agnostic approach for enabling full-lifecycle vulnerability management across hybrid and multi-cloud IT infrastructures. The Skybox platform uniquely aggregates a wide range of data from multiple sources including Prisma™ Cloud Compute Edition, scanners, security and network infrastructure, various configuration databases, and non-scannable assets.

Organizations can leverage the platform's threat-aware analytics engine to enable granular risk scoring and remediation of vulnerabilities based on asset prioritization, exploitability, and exposure analysis. With Skybox, security teams can map and visualize their attack surface to determine the most optimum remediation options available that reduce the greatest amount of risk on a continuous basis.

SUPPORTED DEVICES

- Palo Alto Networks Next Generation Firewall, IPS and VM Series
- Palo Alto Networks Panorama™
- Palo Alto Networks Prisma™ Cloud Compute Edition (formerly Twistlock)

[See all Skybox-supported devices >](#)

ABOUT SKYBOX SECURITY

Skybox provides the industry's broadest cybersecurity management platform. At Skybox Security, we provide you with cybersecurity management solutions to help your organization innovate rapidly and with confidence. We get to the root of cybersecurity issues, giving you better visibility, context and automation across a variety of use cases. By integrating data, delivering new insights and unifying processes, you're able to control security without restricting operational agility. Skybox's comprehensive solution unites different security perspectives into the big picture, minimizes risk and empowers security programs to move to the next level. With obstacles and complexities removed, you can stay informed, work smarter and drive your organization forward, faster.



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