

Skybox Security Solutions for Juniper Firewalls

Provides comprehensive change, compliance and risk management

Solution Overview

Firewalls are the undisputed first line of network defense. They can protect systems and data, keep out attackers, and ensure that corporate security and privacy policies are maintained. As long as the firewalls are carefully managed on a daily basis.

Checking for firewall misconfigurations and conflicting rules sounds easy enough, but manual audits on multiple firewalls can take days or weeks of time. One error or omission can expose your network to security risks.

Skybox Security provides a complimentary set of firewall management solutions for Juniper firewalls. With Skybox solutions, firewall administrators can automatically check all Juniper ScreenOS and JunOS-based devices, such as NetScreen, SSG, ISG, SRX, and J-series.

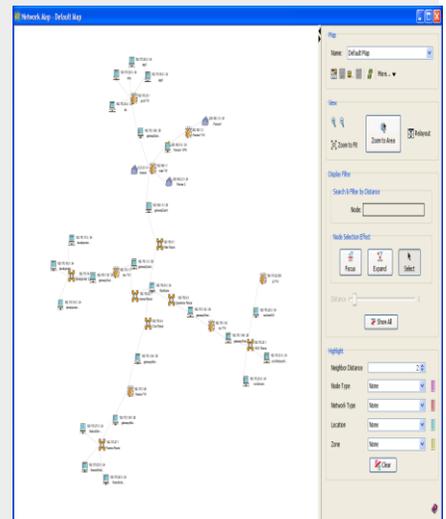
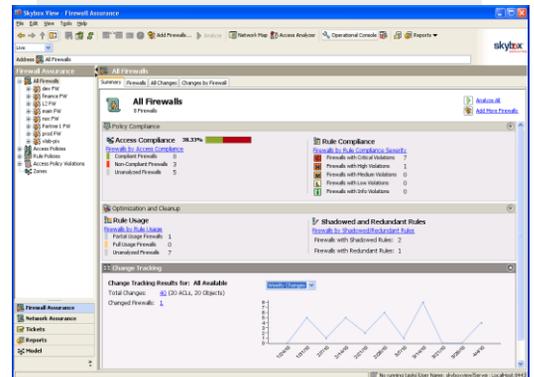
Skybox® Firewall Assurance imports firewall data from Juniper and other firewall vendors and normalizes the data for easy analysis. Automatic tools for data collection, analytics, and reporting find security and compliance issues, cutting firewall assessment time by 80-90%.

Skybox® Change Manager is a workflow solution that manages the steps needed to complete a firewall change request. With Change Manager, organizations can submit a request, ask for a risk assessment, plan the firewall changes, and verify that the request is completed successfully.

Skybox® Network Assurance provides full network visibility, so that individual firewalls can be examined with an understanding of the impact of other network devices, zones, segments, and access paths.

Skybox Solutions for Firewall Management

- Skybox® Firewall Assurance
- Skybox® Change Manager
- Skybox® Network Assurance



Key Features of Skybox Firewall Assurance

- **Automated data collection:** Import configuration and policies for ScreenOS and JunOS based firewalls, directly from the devices, via Juniper NSM, or via file system based repositories.
- **Rule compliance:** Detect risky and non-compliant access rules, ranging from detection of 'any' rules, to a context-based policy defining the legitimate and forbidden traffic policies between network zones. Audit for compliance with PCI DSS and NIST regulations easily with out-of-the-box policies.
- **Platform configuration checks:** Verify correct device configurations automatically for Juniper firewalls, such as specific security settings or logging settings.
- **Optimization and cleanup:** Detect redundant, shadowed and disabled rules in Juniper firewalls. Find unused rules and objects from Juniper log files, or identify most-used rules to aid in firewall optimization.
- **Change tracking:** Continuously monitor changes in rules and objects in Juniper firewalls over time. Users may review changes, mark status, and write comments. When used with Skybox Change Manager, customers can automatically match actual changes with the tickets that initiated the changes.

Key Features of Skybox Change Manager

- **Change workflow:** Manage the workflow steps for firewall change requests. End-users can submit requests for connectivity; firewall administrators identify the relevant firewalls and whether a change is required; security personnel evaluate the risk of the request.
- **Change planning:** Helps plan how to implement the firewall change, and verifies that the change was actually implemented.
- **Web-based API:** Integrate the change workflow and risk assessment functionality easily with external applications, such as trouble-ticketing systems.

Key Features of Skybox Network Assurance

- **Comprehensive network map:** Full visibility of all network devices including Juniper firewalls, other firewalls, routers, load balancers, and IPS solutions. For each device, the user is empowered with the ability to view the Access List, routing table, and more.
- **Traffic simulation:** Check connectivity between any source and destination to troubleshoot connectivity issues and plan changes for one firewall or the full network topology. Simulation takes into consideration routing rules, access rules, translation rules, VPN definitions etc.

About Skybox Security

Skybox Security, Inc. is the leader in proactive security risk management solutions, helping IT managers predict critical risks and take action to prevent data breaches, cyber attacks, and policy compliance violations. Our solutions automatically examine comprehensive network security and cyber threat data – delivering extensive intelligence in minutes. Medium to large organizations in Financial Services, Utilities, Telecommunications, Retail, Government and Defense rely on Skybox Security solutions to continuously reduce risks and maintain compliance.

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