

# Firewall Rule Automation & Optimization



SOLUTION BRIEF

“ Among our priorities was hardening firewall rules. That’s why we chose Opinnate.”

– Özgür Tan, Otakar

## Benefits

- Identifying unused, shadowed, or permissive rules
- Real-life use cases based on direct customer experiences
- Frees up valuable staff time from doing repetitive manual policy management to more critical functions
- Corporate security policy checks on firewall rules
- Compliance-ready reports
- Monitoring permissive rules.

**An entirely automated firewall management system equipped with advanced reporting and monitoring features, along with implemented security enhancements.**

## Insights

Opinnate offers a firewall automation solution designed to handle routine operational tasks, thereby liberating resources for addressing more advanced security issues. The solution incorporates analysis, reporting, and monitoring features, elevating the overall security level of the infrastructure.

Opinnate NSPM (Network Security Posture Management) offers a comprehensive firewall analysis, optimization, and automation solution that seamlessly integrates with Check Point firewalls. In today’s digital landscape, the constant influx of new firewall access requests and the accumulation of security rules pose challenges. The manual addition of rules becomes burdensome for companies grappling with security talent shortages, leading to routine operations creating technical and operational problems. The manual configuration of new rules not only demands significant effort but also carries the risk of business downtime. Opinnate addresses these issues with automation workflows through which policy changes can be done automatically. Moreover, the growing number of rules on firewalls results in the proliferation of shadow, unused, or overly permissive rules. Opinnate addresses these issues with thorough comprehensive analyses to identify problematic rules, and then correcting security vulnerabilities and optimizing policies through automated workflows. This ensures that rule optimization becomes a regular, weekly practice for companies, streamlining their firewall management processes.

## Joint Solution

Check Point and Opinnate have joined forces to provide a cutting-edge firewall automation solution that tackles routine operational tasks, freeing up resources to focus on more advanced security priorities. This solution includes analysis, reporting, and monitoring features, enhancing the overall security level of the infrastructure.

## Solution Components

Opinnate NSPM is a comprehensive firewall analysis, optimization, and automation solution. It identifies problematic rules, fortifies them using automation workflows, and automatically implements policy changes by seamlessly integrating with corporate security policies,

service desks, and approval processes. Additionally, the solution offers extensive and flexible reporting features, enabling the generation of compliance-ready reports.

## Joint Solution Integration

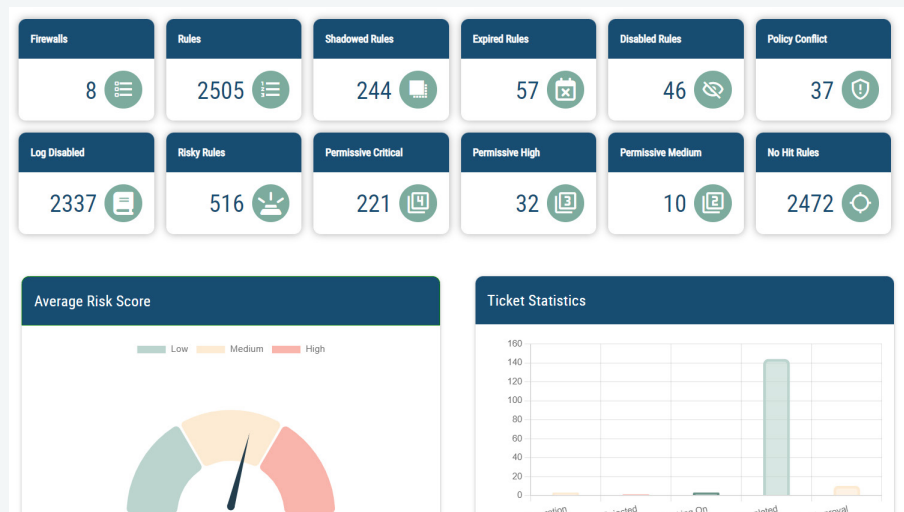
Opinnate seamlessly integrates with Check Point firewalls through API connectivity. The system gathers configuration data from firewalls at intervals specified by the customer. Leveraging the collected data, the system conducts rule analysis and generates comprehensive reports. Rule management is facilitated through multiple interfaces and automation workflows. Moreover, the system captures syslog data (traffic, events) from firewalls, enabling permissive rule analysis and tracking of configuration changes.

## A Better Approach to Managing Firewall Security Policies

This integrated solution offers the convenience of viewing all firewall policies from a single console, streamlining management processes. With automated policy hardening, manual effort is significantly reduced, ensuring robust security measures

effortlessly. Conduct thorough corporate security policy checks for analysis and seamless policy changes, all facilitated through zero-touch policy change automation. Stay ahead of compliance requirements by keeping firewalls aligned with industry best practices and regulations, safeguarding your network with confidence.

According to Gartner, over half of security breaches are due to problematic firewall rules, such as unused or overly permissive rules. With Opinnate's optimization workflows, one can efficiently and regularly optimize these rules.



Compliance with regulations like PCI and ISO27011 mandates regular rule analysis on firewalls. Opinnate not only facilitates this process but also provides detailed, compliance-based reports, simplifying the audit process for firewalls.

Firewall management usually requires significant effort, complexity, and time. Fortunately, with Opinnate's automation workflows, routine firewall activities can be quickly automated to reduce manual workload and strengthen overall security posture.

## Advantages

- Ease of use
- Less Disk, CPU, Memory Consumption
- Licensing advantages
- Risk Acceptance
- Server Cloning (different subnet)
- Rule Lifecycle Management (scheduled rules)

## About Opinnate

Opinnate offers an innovative automation technology that tackles policy management holistically. Designed by security experts with decades of executive and hands-on experience, the Opinnate platform not only addresses security policy management, policy analysis, policy optimization and policy change operations under the same roof but also handles the approval processes to provide a comprehensive end-to-end customer experience. Opinnate NSPM also stands out from other solutions by removing dependencies to external tools and costly prior work.

### For more information:

Website: <https://opinnate.com>

Videos and how: <https://linkedin.com/company/opinnate>

Demo request: <https://opinnate.com/request-a-demo/>

## About Check Point

Check Point Software Technologies Ltd. ([www.checkpoint.com](http://www.checkpoint.com)) is a leading AI-powered, cloud-delivered cyber security platform provider protecting over 100,000 organizations worldwide. Check Point leverages the power of AI everywhere to enhance cyber security efficiency and accuracy through its Infinity Platform, with industry-leading catch rates enabling proactive threat anticipation and smarter, faster response times. The comprehensive platform includes cloud-delivered technologies consisting of Check Point Harmony to secure the workspace, Check Point CloudGuard to secure the cloud, Check Point Quantum to secure the network, and Check Point Infinity Core Services for collaborative security operations and services.

### Worldwide Headquarters

5 Shlomo Kaplan Street, Tel Aviv 6789159, Israel | Tel: +972-3-753-4599

### U.S. Headquarters

100 Oracle Parkway, Suite 800, Redwood City, CA 94065 | Tel: 1-800-429-4391

[www.checkpoint.com](http://www.checkpoint.com)