

Technology Partner Solution Brief

Security Policy Orchestration for Check Point Firewalls

Benefits to Your Business:

- Boost productivity with zero-touch automation for Check Point security management
- Automated design and provisioning of user identity-based changes
- Accelerate service delivery with application-centric management of network connectivity and security policies
- Implement network security changes in minutes instead of days with built-in security controls
- Tighten security controls by defining and enforcing a unified segmentation policy across vendors
- Ensure continuous policy compliance and reduce audit preparation efforts
- Gain visibility and control of security policies across Check Point and the hybrid network



Check Point[®] & Tufin[®] Provide Secure, Manageable, & Compliant Environments

Enterprise IT and security experts are under increasing pressure to respond to complex network security changes and keep up with growing business demands. Lack of visibility hinders the ability to deliver services and applications with the security, speed, and accuracy required. The Tufin Orchestration Suite is tightly integrated with Check Point Security Management Solutions and next generation firewalls (NGFW) as well as CloudGuard to provide policy-based automation for enabling business agility and continuous compliance across the hybrid cloud.

Tufin fully supports Check Point R80.x Security Management, allowing customers to extend the benefits of unified security across multi-vendor networks, private and public cloud platforms. The Tufin Orchestration Suite is a complete solution for automatically monitoring, analyzing, implementing, and auditing network security changes from the application layer down to the network layer. Tufin Orchestration Suite also provides visibility and monitoring for Check Point CloudGuard for Microsoft Azure allowing enterprises to simplify the adoption and management of cloud platforms. Together with Check Point leading security solutions, Tufin Orchestration Suite offers a powerful yet seamless way of managing security policies across complex, hybrid networks from a single console.

End-to-End Automation for Designing and Implementing Application Connectivity

Tufin Orchestration Suite is fully integrated with Check Point to accelerate application delivery and boost productivity with policy-based, zero-touch automation for security changes across the hybrid network. Automated change design is based on highly accurate network topology simulation that identifies the firewalls and corresponding policies that should be modified to grant connectivity. The Tufin Orchestration Suite integrates with Check Point Identity Awareness Blade for designing and provisioning user identity based changes. Once designed, the change is automatically sent to Check Point management system, as long as it does not violate any security standard. This ensures a quick and accurate process to implement application connectivity while maintaining security policy compliance.

The screenshot shows a 'Corporate Matrix (Physical + AWS) (21 x 21)'. It is a grid where rows and columns represent different network zones. Red 'X' icons indicate blocked or limited traffic between zones, while green checkmarks indicate allowed traffic. A callout box labeled 'Network zones' points to the grid. Another callout box labeled 'Amsterdam, SRAK - p. RIG' points to a specific policy rule in the matrix. The rule text reads: 'Allow only the following services / applications: Top 1000 Applications (see comments), Google, Can connect to AWS, Source Web P, Destination Web P, Service Web services, Top 1000 Products, Apple, Openstack, Apple, Apple Services. Please read the next Security: Low'.

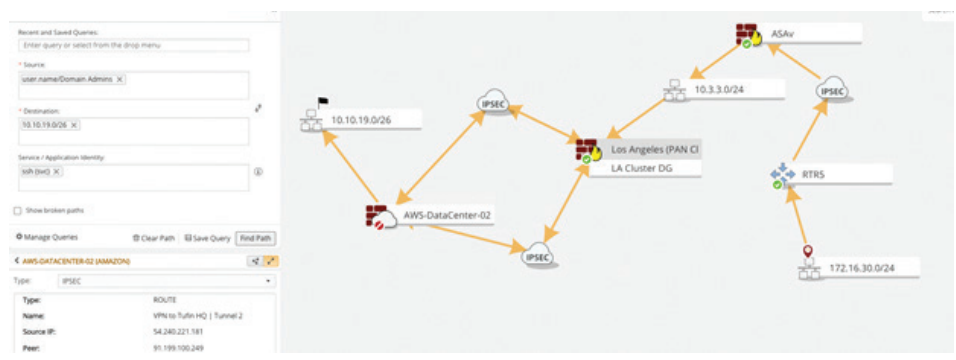
Tufin Orchestration Suite Unified Security Policy – enables central management of network segmentation to ensure continuous compliance

Insight and Control over Complex Networks

Defining and enforcing network segmentation across different vendors and platforms is a major challenge for security teams. Tufin's Unified Security Policy™ helps resolve the challenge by visualizing a security zone matrix that maps zone-to-zone traffic limitations. This central security policy baseline enables identifying violations in real-time across physical networks and hybrid cloud for tighter control and continuous compliance.

Proactive Risk Analysis and Impact Simulation

Every change made to the firewall policy is a potential risk to data security and application availability. Simulating the impact of a change is virtually impossible without the proper tools. As part of the automated change process, Tufin Orchestration Suite proactively checks every access request against your corporate security and internal compliance policies to identify and flag potential risks. Network and Application Connectivity across Platforms In order to enable business continuity, application connectivity must be established and maintained. To ensure connectivity across vendors and platforms, there is a need to accurately analyze routing as well as policy information. Tufin provides accurate topology simulation and a visual map to establish and troubleshoot connectivity across the hybrid network from a single console.



Tufin's Topology Path Analysis – enables planning and troubleshooting connectivity across the hybrid network from a single console

Continuous Regulatory Compliance with Industry Standards

Tufin Orchestration Suite provides a closed-loop process for enforcing, verifying, and documenting compliance with industry standards such as PCI DSS, SOX, and NERC CIP. Every firewall policy change is evaluated before implementation, ensuring safe deployment ahead of time. In addition, ad-hoc changes that result in compliance issues are detected automatically and a resolution plan is suggested.

Tufin (NYSE: TUFN) simplifies management of some of the largest, most complex networks in the world, consisting of thousands of firewall and network devices and emerging hybrid cloud infrastructures. Enterprises select the company's Tufin Orchestration Suite™ to increase agility in the face of ever-changing business demands while maintaining a robust security posture. The Tufin Orchestration Suite reduces the attack surface and meets the need for greater visibility into secure and reliable application connectivity. With over 2000 customers since its inception, Tufin's network security automation enables enterprises to implement changes in minutes instead of days, while improving their security posture and business agility. Find out more at www.tufin.com.

Check Point Software Technologies Ltd. (www.checkpoint.com) is a leading provider of cyber security solutions to governments and corporate enterprises globally. Its solutions protect customers from cyber-attacks with an industry leading catch rate of malware, ransomware and other types of attacks. Check Point offers a multilevel security architecture that defends enterprises' cloud, network and mobile device held information, plus the most comprehensive and intuitive one point of control security management system. Check Point protects over 100,000 organizations of all sizes.