infoblox. | tufin

INFOBLOX AND TUFIN

Simplify management of security policy

BACKGROUND AND CHALLENGES

Today's enterprise networks consist of many separate network and security devices, each generating their own data about incidents and events. These tools are often poorly integrated. For network and security teams, the inability to share threat and asset data easily and the lack of interoperability among tools creates solution silos. Those factors also limit correlation of security data that can provide teams with vital context necessary to prioritize events. The result: attacks that dwell longer within networks and delayed response times. According to a 2017 industry report, keeping up with the volume of security alerts and integrating security tools are the biggest challenges related to security operations.[1] The same survey notes that investing in technologies that automate security operations and threat detection is a top priority for security teams today.

INFOBLOX–TUFIN JOINT SOLUTION

Tufin Orchestration Suite™ takes a policy-centric approach to cybersecurity. It provides visibility across heterogeneous and hybrid IT environments and enables end-to-end change automation for network and application connectivity. In addition, it enables security organizations to easily orchestrate a unified policy baseline across multi-vendor and multi-platform networks. Integration with Infoblox greatly simplifies the task of ensuring adherence to security policy during dynamic network zone changes. Zone changes that occur in Infoblox IPAM are automatically reflected in the related zones in Tufin's network segmentation connectivity matrix. As IPs and Security Groups are onboarded and offboarded in Infoblox zones, the solution ensures that IT organizations can consistently monitor adherence to corporate security policy models in Tufin. This approach leads to greater business continuity, improved business agility, reduced exposure to cybersecurity risk and better awareness about the state of compliance.

An open and extensible platform, Tufin Orchestration Suite integrates with existing technology and security investments for network security, cloud security, security operations, incident response, vulnerability management, compliance, ticketing systems and more. By automating the many complex tasks of ensuring policy compliance during network changes, Tufin frees IT organizations to focus on their core competencies. In addition, it provides an integrated ecosystem of security solutions that uses network data to generate relevant intelligence and automate necessary changes to network connectivity.

1 ESG and Siemplify, 2017: Security Operations Challenges, Priorities, and Strategies

TUFIN-INFOBLOX INTEGRATION BENEFITS

With the integration between Infoblox and Tufin, enterprises can:

- **Automate management of security zones:** Infoblox automatically creates, updates or removes networks and subnets from security zones on Tufin. By using IP/DNS zones, Tufin maintains security policies and helps organizations achieve seamless asset management.

- **Quarantine/restrict access for compromised devices:** Infoblox shares information about compromised assets with Tufin, enabling enterprises to quarantine or segment devices to prevent access to sensitive resources or connecting to the Internet.

- **Improve ROI:** Integration between Infoblox and Tufin increases the ROI of existing networking and security tools and reduces the amount of time necessary to respond to network changes and security events.

Infoblox Ecosystem Exchange

An important component of the joint Infoblox-Tufin solution is Infoblox Ecosystem Exchange. This highly connected set of integrations enables organizations to eliminate silos, automate incident response,optimize security orchestration solutions and improve the ROI of their entire cybersecurity ecosystems, including third-party, multi-vend or assets. It reduces the time and costs to respond to threats through enhanced automation and real-time, two-way data sharing enabled by extensive APIs.

TUFIN SECURETRACK AND INFOBLOX INTEGRATION

As part of the Tufin Orchestration Suite, SecureTrack provides a comprehensive firewall and security policy management solution for multi-vendor firewalls, next-generation firewalls and cloud platforms (public, private and hybrid). The integration of Tufin SecureTrack with Infoblox is based on the outbound notification feature that sends automatic updates of network changes and real-time threat data to Tufin. The joint solution updates security zones to reflect changes to the addresses within them or isolate compromised assets from accessing other zones (Fig 1).
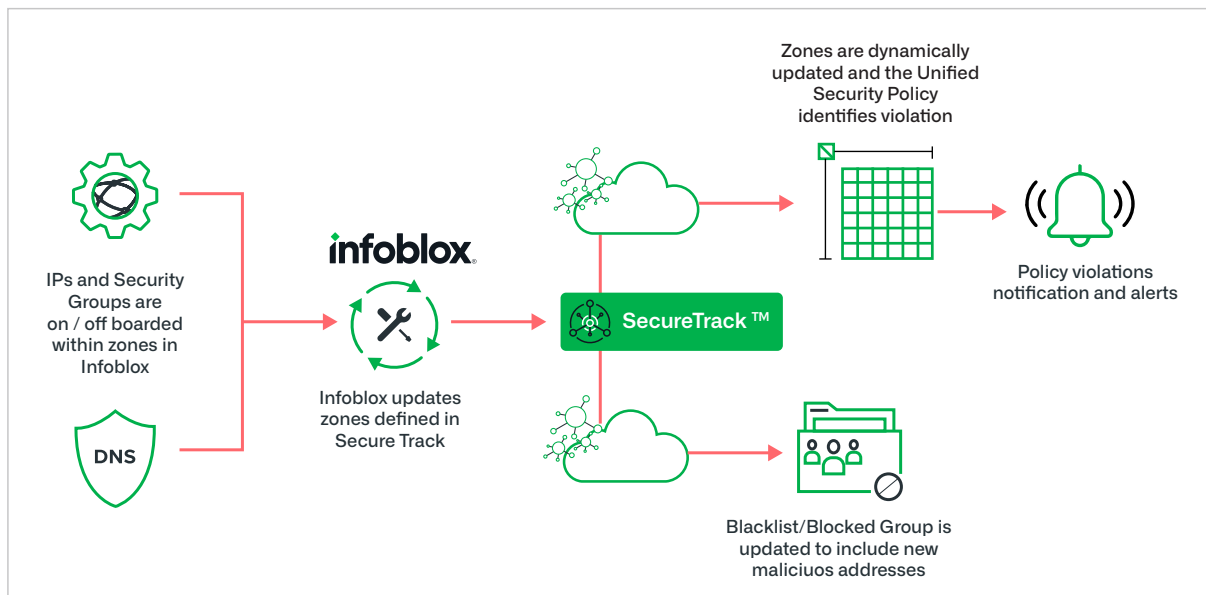

Figure 1: Infoblox and Tufin SecureTrack outbound notification integration.

Tufin automatically orchestrates policies across all enterprise devices so organizations can easily maintain security, remain compliant with industry regulations and automate network changes, such as those involved in adding or removing network access. During network changes, Infoblox keeps IP address management up to date by automatically synchronizing IP networks and sharing DNS security event data with Tufin SecureTrack (Fig. 2).
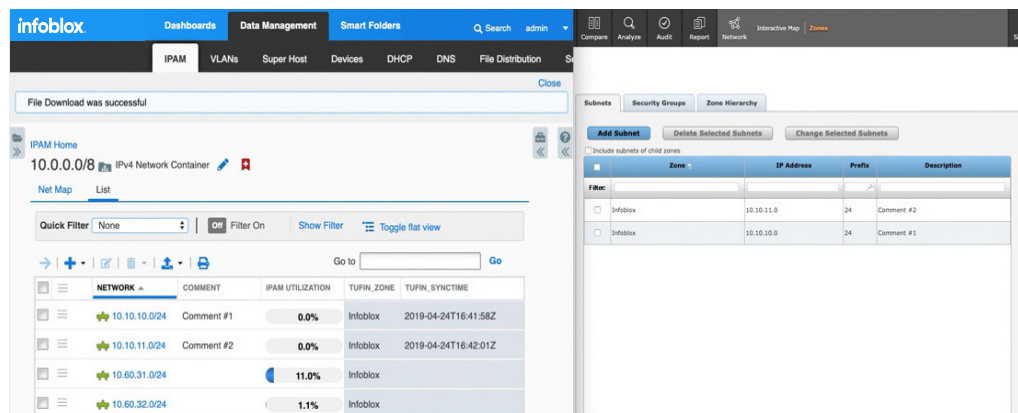

Figure 2: IP address synchronization between Infoblox and Tufin SecureTrack.

About Tufin

Tufin 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 everchanging business demands while maintaining a robust security posture. The 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.

Learn more about Tufin ecosystem integrations at: www.tufin.com/partners/technology

infoblox

Infoblox unites networking and security to deliver unmatched performance and protection. Trusted by Fortune 100 companies and emerging innovators, we provide real-time visibility and control over who and what connects to your network, so your organization runs faster and stops threats earlier.

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