SPOTLIGHT SECURE

Product Overview

Spotlight Secure is a cloud-based threat intelligence solution that will identify individual attackers at the device level and track them in a global database. Working in conjunction with WebApp Secure, Spotlight Secure will create a persistent fingerprint of attacker devices based on more than 200 unique attributes to deliver precision identification and blocking of attackers without false positives that could impact valid users. Once attackers are identified and fingerprinted on a subscriber's network using WebApp Secure, the Spotlight Secure global attacker intelligence service will immediately share attacker profiles with other subscribers, providing advanced real-time security intelligence across multiple networks.

Product Description

Juniper Networks® Spotlight Secure is a cloud-based hacker device ID intelligence solution that will identify individual attackers at the device level (versus the IP address), track them in a global database, and share them globally with security devices. The product will create a persistent fingerprint of attacker devices based on more than 200 unique attributes to deliver precision identification and blocking of attackers without false positives that could impact valid users. Once an attacker is identified and fingerprinted on a subscriber's network using Juniper Networks WebApp Secure (formerly Mykonos), the new global attacker intelligence service will immediately share the attacker profiles with other subscribers, providing advanced real-time security intelligence across multiple networks. When compared with currently available reputation feeds that rely on IP addresses, Spotlight Secure will offer customers more reliable security against attackers and all but eliminate false positives.

Leveraged by WebApp Secure and Juniper Networks SRX Series Services Gateways, Spotlight Secure will act as the consolidation point for attacker and threat information, feeding intelligence in real time to Juniper security solutions. It will put non IP-based attacker profiling at the center of a framework that will gather and distribute attacker fingerprints to a worldwide network of inline security solutions. With a broad security and networking product installed base and a new system for distributing definitive hacker IDs, Juniper is poised to change the speed and accuracy with which customers prevent security breaches. The Spotlight Secure global attacker intelligence service will set a new efficacy bar for all security and networking vendors.

Features and Benefits

Protecting against next-generation data center security threats requires a new way of thinking about network defenses. Companies must focus on detecting and profiling attackers and attacks early on (rather than at the point of breach), and ensuring better integration of intelligence across security architectures (in contrast to point products without information sharing). The majority of security products on the market today attempt to detect a specific exploit at the instant that attack is launched. Regrettably, this only works against known attacks, where there is only a single opportunity to detect and stop the threat. To effectively secure data centers, companies must have knowledge of the attacking devices—not just the IP address—and be able to disseminate that intelligence quickly to all data center access control points.

With Spotlight Secure working in conjunction with WebApp Secure, Juniper will help companies track and stop attackers early on, before they can do any harm. As the first step, WebApp Secure uses the latest intrusion deception technology to definitely detect, profile,

and even mislead attackers early on, while simultaneously profiling and fingerprinting them. WebApp Secure then synthesizes a variety of data in order to fingerprint and monitor hackers and, with a very high degree of accuracy, triggers counterresponses that thwart attacks early in the cycle—before an exploit can even be launched.

Deployed in front of application servers behind the firewall, WebApp Secure will then be enhanced with the integration of security intelligence from other sources provided by the Spotlight Secure global attacker intelligence service. With this integrated intelligence, Juniper will be able to deliver threat mitigation with significantly better accuracy compared to IP address only approaches like current next-generation firewalls relying on IP-based reputation feeds. Moreover, the combination of WebApp Secure and Spotlight Secure will effectively monitor and identify hackers as they move from target to target around the world, shutting them down with each new attempt.

Specific features of Spotlight Secure that will go beyond IP address fingerprinting and offer companies protection from hackers who have already visited their websites include:

- Device-level tracking for definitive hacker identification with almost zero false positives
- Tracking of hundreds of identifying attributes, including browser version, browser add-on, IP address, time zone, and fonts
- 99 percent identification rate
- Device fingerprinting that overcomes use of proxy servers to identify and track the attacker's device no matter the IP address the attacker is using to evade detection
- Real-time global sharing of intelligence on hackers
- Flexible counterresponses at both the application layer and network firewall
- Continuous tracking of attackers, even if they shift proxies
- Assignment of permanent aliases for attackers
- Ability to direct counterresponses at a single offending device, so that legitimate customers who may be behind a shared IP address remain unaffected

With Spotlight Secure, enterprises will benefit from a cloud-based threat intelligence solution that helps them ensure the security of their sensitive and mission-critical data, proactively and without false positives.

Architecture and Key Components
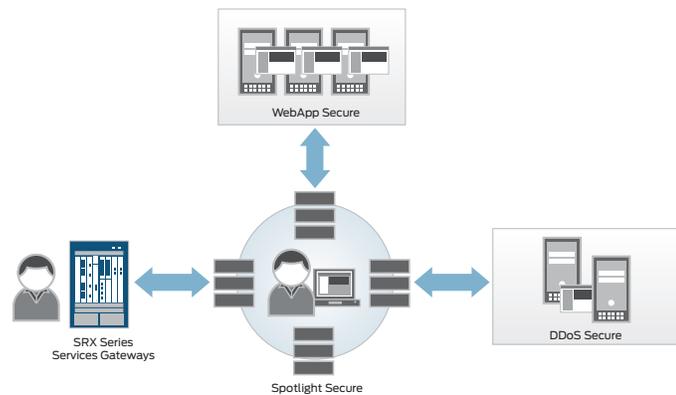
Figure 1: Spotlight Secure in conjunction with WebApp Secure will provide real-time global attacker intelligence sharing.

Attacker detected and device fingerprinted by WebApp Secure

Spotlight fingerprint available for all WebApp Secure deployments
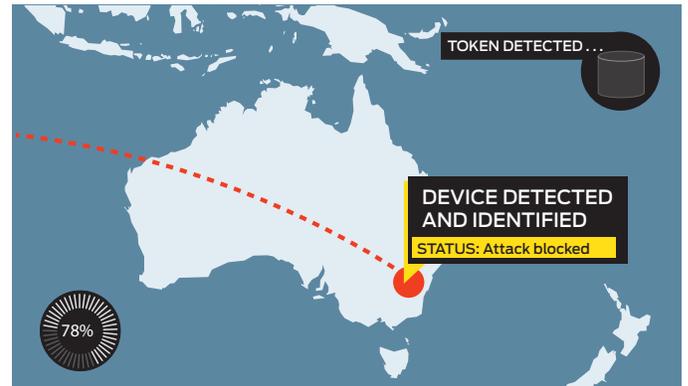
Device fingerprint detected when attacker goes to any website protected by WebApp Secure

Figure 2: Local detection, global protection. Attacker detected locally on your website, but you will get protection globally from attackers fingerprinted in Spotlight Secure from other websites that are protected by WebApp Secure.

Ordering Information
What to Buy

This product adheres to the Juniper Software Advantage pricing model, thus please be advised of the following items that constitute an order:

- Select a software license based on the throughput required. The license is either subscription (fixed term) or perpetual (unlimited term).
  - A subscription software license includes Juniper Care Software Advantage, entitling you to software updates and upgrades, 24x7 remote technical support, and online support.
  - A perpetual software license excludes Juniper Care Software Advantage; the latter must be purchased.
- If your order includes a hardware product/platform, select a hardware license based on your networking, connectivity, and/or security requirements (e.g., interface options, I/O, services). You may need to purchase additional licenses in support of the base hardware license (e.g., power cables, network interface cards).
- If this is a virtual appliance/software product, you would not buy any hardware license from Juniper, but, instead, procure the hardware elsewhere. For information on supported hypervisor(s) and virtual machine (VM) requirements, please refer to the technical documentation for this product on our website (**www.juniper.net**) under the support section.

Juniper Networks products are sold directly as well as through Juniper partners and resellers. For more information on the Juniper Software Advantage business model, please visit **www.juniper.net/us/en/products-services/security/**

For information on how to buy, please visit: **www.juniper.net/us/en/how-to-buy**

About Juniper Networks

Juniper Networks is in the business of network innovation. From devices to data centers, from consumers to cloud providers, Juniper Networks delivers the software, silicon and systems that transform the experience and economics of networking. The company serves customers and partners worldwide. Additional information can be found at **www.juniper.net**.

To purchase Juniper Networks solutions, please contact your Juniper Networks representative at +1-866-298-6428 or authorized reseller.

1000427-002-EN   Nov 2013   ♻ Printed on recycled paper