Service Overview

Companies are struggling to keep pace with the increasing volume and sophistication of cyberattacks, particularly those aimed at Web applications and servers, which deal in high-value traffic and typically reside in data centers. Current next-generation firewalls and IP reputation feeds leave significant exposure to the most concerning attacks, and protecting against these attacks requires security systems that incorporate real-time, definitive, and actionable intelligence about attackers.

The Security Intelligence Readiness Evaluation service helps you better prepare to defend your data center against the very real threat of today’s cyberattacks.

Service Description

Protecting against next-generation data center security threats requires a new way of thinking about network defenses. You must focus on early detection and profiling of attackers and attacks plus ensure better integration of intelligence across security architectures. The majority of security products on the market today attempt to detect a specific threat 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 plan, implement, and operate secure data centers, you must consider your capabilities in three areas:

1. Knowledge of the attacking devices, not just the IP addresses, and how quickly you can disseminate that intelligence across the data center and into the network (provided by Juniper Networks® Junos® WebApp Secure)

2. Knowledge of known rogue devices, even if they haven’t previously attacked the company’s network (provided by Juniper Networks Junos Spotlight Secure)

3. Detection of distributed denial of service (DDoS) attacks before they impact the network or application availability (provided by Juniper Networks Junos DDoS Secure)

The Security Intelligence Readiness Evaluation service helps your data center security team prepare against the threat of cyberattacks by considering your potential vulnerability in the three areas most critical in the prevention of Internet-based attacks:

- Detection, tracking, profiling, and prevention of attackers in real time
- Prevention of DDoS by continually analyzing bidirectional traffic
- Identification and tracking of individual hostile devices in a global database

Service Features and Benefits

This service will take 3 to 5 business days, during which time the consultant will complete the following tasks:

- Review your Security Statement, Web presence, and requirements for up to four websites (a customized service can be defined if additional websites require review). Included in the activities performed by the consultant are:
  - Joint review of your current site design and traffic patterns and any projected changes for the site
  - Review of your site architecture, including the use of server load balancer (SLB), use of content providers, and use of interactive content for the sites that are the most likely targets for attack
The service will also highlight the role that Juniper’s Security Intelligence products play in the area of data center security:

- Junos WebApp Secure, which uses deception to make hacking costly, time-consuming, and tedious—the smartest way to secure websites and apps from hackers, fraud, and theft.
- Junos DDoS Secure, which is designed to defend websites against flood and application-layer distributed denial of service attacks.
- Junos Spotlight Secure, which is a cloud-based threat intelligence service that will identify individual hostile devices and track them in a global database. Junos Spotlight Secure acts as the consolidation point for attacker threat information, feeding real-time intelligence to Juniper’s security solutions.

**Juniper Consulting**

As leaders in networks and security, Juniper Networks Professional Services Consultants and engineers are uniquely qualified to assist service providers in designing, implementing, and optimizing security solutions. Our team appreciates the complexities and the subtleties inherent in large-scale internetwork design and can assist service providers and enterprises, or provide customized and integrated “turn-key” solutions.

Juniper Networks Professional Services helps accelerate your network’s time to value, bringing revenue-generating capabilities online faster for bigger productivity gains, faster rollouts of new technology into your production environment, and can assist service providers and enterprises, or provide customized and integrated “turn-key” solutions.

**Data Sheet Security Intelligence Readiness Evaluation**

Additional Services to Optimize Your Network

Juniper Networks provides additional consulting services to consider along with the Security Intelligence Readiness Evaluation. For example:

- **Data Center Security Evaluation:** This service is complementary to the Security Intelligence Readiness Evaluation. It is designed to identify areas in which your security statement and your security environment are misaligned with each other and/or misaligned with the requirements of the business.

In addition, a broad range of consulting and packaged implementation services is available to help you enhance your network design and optimize your production environment. Services to consider in the early stages of your network review are:

- **Strategic Network Consulting:** In the planning stage of your project, this service will assist you in determining a strategy for your network architecture and a plan to translate that strategy into an optimal solution. It is aimed at understanding your business requirements, determining the impact of the changes on your existing network infrastructure, and providing architectural guidance and recommendations to ensure that your network will be enhanced in a controlled manner.

- **High-Level Design:** Implementing a new network or security project starts with an evaluation of the requirements and a detailed rendering of the architecture to be used. The High-Level Design service defines the topology, protocols, and equipment required, mapping the design to your needs.

- **Low-Level Design:** Once the high-level design of a network is determined, the specifics need to be identified. The Low-Level Design service identifies the optimal configuration and equipment needed to make your network a reality.

- **Testing Service:** Prior to implementation of a new network, Juniper Networks Testing Service gives you the opportunity to combine your knowledge of your network’s specific performance requirements with Juniper’s sound foundation of network design methodology and products to create a customized test environment that simulates your unique end-to-end deployment scenario. This lets you avoid the cost of creating and operating your own test labs, reduces your project risk, ensures a seamless implementation of new technology into your production environment, and accelerates your time to deployment.

- **Security Intelligence Implementation QuickStart:** The Juniper Networks Security Intelligence Implementation service provides the expert assistance of an onsite Juniper Networks Professional Services engineer to help effectively deploy the Security Intelligence suite of solutions. This includes Junos WebApp Secure, Junos DDoS Secure, and Junos Spotlight Secure.

The use of Juniper’s consultants also avoids the requirement for you to provide the necessary technical and security audit and evaluation skills in-house. The evaluation can be completed faster, as you are not forced to wait until internal resources become available, nor do you have to address the issue of conflicting project priorities.
• **Firewall Migration:** The Juniper Networks Firewall Migration service provides your organization with time-tested firewall migration methodologies and automated processes that minimize data entry errors. Our firewall migration consultant delivers infrastructure and business analysis, as well as design, test, and deployment guidance.

• **Junos Space Security Director QuickStart:** This QuickStart service provides the expert assistance of an onsite engineer to help rapidly get the most value from your Juniper product investment. During the onsite knowledge transfer process, your Professional Services Consultant will provide expert guidance and learning resources to prepare your staff to install, configure, and operate your Juniper Networks Junos Space solution in day-to-day scenarios.

• **Security Threat Response Manager QuickStart:** This service provides the expert assistance of an onsite Juniper Networks Professional Services engineer to help you quickly get the most value from your Juniper investment. During the onsite knowledge transfer process, the Professional Services Consultant will provide expert guidance and learning resources to install, configure, and deploy Juniper Networks STRM Series Security Threat Response Managers in your IT environment.

• **Junos Pulse Gateway QuickStart:** This service speeds up the initial implementation of Juniper Networks MAG Series Junos Pulse Gateways by providing the expert assistance of an onsite engineer to help you get the most value from your Juniper investment in the shortest amount of time.

### Juniper Networks Services and Support

Juniper Networks is the leader in performance-enabling services that are designed to accelerate, extend, and optimize your high-performance network. Our services allow you to maximize operational efficiency while reducing costs and minimizing risk, achieving a faster time to value for your network. Juniper Networks ensures operational excellence by optimizing the network to maintain required levels of performance, reliability, and availability. For more details, please visit [www.juniper.net/us/en/products-services](http://www.juniper.net/us/en/products-services).

### Ordering Information

Juniper Networks Security Intelligence Readiness Evaluation service may be ordered using the part number shown in the table below. Before the service begins, a statement of work (SOW) will be established outlining the scope of effort to be performed.

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<th>Model Number</th>
<th>Description</th>
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<td>PRO-ASSESS</td>
<td>Security Intelligence Readiness Evaluation</td>
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### 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](http://www.juniper.net).