

Data Center Security Migration Readiness Evaluation

Service Overview

Switching between security vendors can be complex, yet there may be compelling reasons for considering change. These could include things like your technology refresh cycle, changes in business or industry regulations, and the need for greater capacity or new features. Regardless of the reason, the effort to migrate from one vendor to another has real operational costs and many organizations are unprepared for, or unaware of, the migration processes and the associated requirement for specialized knowledge and expertise.

Service Description

Juniper Networks Data Center Security Migration Readiness Evaluation is designed to help you prepare for a migration to an enhanced Juniper-based security environment. As part of this service, you are able to leverage the migration expertise within the Juniper Networks Professional Services team and receive an independent analysis of the technical requirements, process, and plus evaluation of the skills available to execute the migration. The service addresses three areas:

1. Requirements for change to security infrastructure
2. The impact on firewall management changes

The skills that will be required to migrate and operate the new security environment Juniper's Data Center Security Migration Readiness Evaluation service is recommended for large organizations that are about to migrate to a new Juniper-based security platform and that already have in place a formal security statement (a documented guide that describes the organization's security posture including rules of engagement, log retention, change authorization, problem resolution process, and related topics). It is particularly applicable in situations demanding an efficient and effective data center security migration as a component of continued business operation, such as financial services companies and health care organizations.

For most, the requirement to have a significant migration in data center security is infrequent. This can result in being ill prepared and not appreciating, or allowing for, the potential impact on security policies, firewall requirements, or the skills required to plan and conduct the migration.

Examples of times when you should consider this service include:

- When you are starting to plan the migration to a new Juniper-enabled security platform
- During a technology refresh cycle
- When you are experiencing changes in business activities or industry regulations
- When your security statement needs to be enhanced due to more sophisticated security considerations, e.g., requirement for additional user segments or more diversity in traffic sources driven by movements such as Bring Your Own Device (BYOD)

The Data Center Security Migration Readiness Evaluation service is designed to help you mitigate technical as well as financial risks inherent in the migration, and it is available to all customers regardless of their existing firewall equipment provider. It is delivered by Juniper consultants with practical, in-depth experience in similar migrations involving products from Juniper as well as other vendors.

The service, which takes approximately seven days, includes a review of the anticipated changes and creation of a migration process and plan that addresses each of the following areas:

- Changes to the Security Statement and security border configuration for up to two environments
- (Note: A customized scope of work is required if more than two environments require review.)
- Implementation of the new security architecture
- Implementation of changes to provisioning workflow and security rule management
- Internal availability of security skills for migration and ongoing operation compared to those recommended by Juniper best practices

Information Review	<ul style="list-style-type: none"> • Security Statement • Implementation documents • Traffic data • Existing migration plans
Plan for Migration Execution	<ul style="list-style-type: none"> • Impact of new business initiatives • Impact of external market/ regulatory requirements • Development of migration process
Present Findings and Migration Plan	<ul style="list-style-type: none"> • Onsite workshop • Proposed migration process • Mitigation plan to address anticipated skill limitations • Next steps

Figure 1. Migration evaluation and review process

Features and Benefits

In addition to the financial benefits, this service helps you ensure greater protection of customer/company property, ensure compliance with government mandated privacy, confidentiality, and financial data regulations, and improve overall security. The outcome of the review, which includes current status, desired goals, and recommendations for change, allows you to more effectively prepare for the migration, ensure that the necessary skills are ready and available, and minimize risks that might otherwise not have been foreseen.

Our consultant provides a written report summarizing the review and incorporating current status, your desired goals, and recommendations for change. It includes suggestions for enhancements to existing migration plans as well as options for addressing any shortfalls in migration skills. This enables you to be better prepared for an effective and efficient migration. You will understand recommended migration processes and plans, and the level of effort required. You will be aware of internal and external skill requirements, and you will have Juniper Networks consultants as trusted advisors available to provide guidance and assistance.

Juniper Consulting

As leaders in networks and security, Juniper's 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 business models and ventures, greater market reach, and higher levels of customer satisfaction. Your onsite staff will work closely with Juniper specialists, building operational capabilities and reducing your exposure to IT risks. As a result of our previous experience involving hundreds of customers around the world, Juniper Networks Professional Services is uniquely qualified to help you design, implement, and optimize your network for confident operation and rapid returns on infrastructure investments. These professionals understand today's network and security demands and those that are just around the corner—for bandwidth efficiency, best-in-class security, solid reliability, and cost-effective scaling.

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.

Additional Services to Optimize Your Network

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

- **Data Center Security Evaluation:** Typically, this service would be a precursor to the Data Center Security Migration 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.
- **Firewall Conversion Service:** The Juniper Networks Firewall Conversion service provides your organization with time-tested firewall conversion methodologies and automated processes that minimize data entry errors. Our firewall conversion consultant delivers infrastructure and business analysis, as well as design, test, and deployment.
- **Junos Space Security Director QuickStart Service:** The Juniper Networks® Junos® Space Security Director is a QuickStart service to provide 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 Junos Space solution in day-to-day scenarios.
- **Security Threat Response Manager [STRM] QuickStart Service:** The Juniper Networks Series Security Threat Response Manager QuickStart service provides the expert assistance of an onsite Juniper Networks Professional

Services engineer to help you 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 future STRM Series solutions in your IT environment.

- **Junos Pulse Gateway QuickStart Service:** The Juniper Networks Junos Pulse Gateway QuickStart service speeds up the initial implementation of Juniper Networks Junos Pulse Gateway 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.

Ordering Information

Juniper's Data Center Security Migration 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.

Model Number	Description
PRO-ASSESS	Data Center Security Migration Readiness Evaluation

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.

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