

Firewall Conversion Service

Service Overview

Deploying a new Juniper Networks firewall solution will help safeguard the security of your customers and organization while maintaining your competitive advantage. For rapid and smooth legacy conversions, it is critical for your team to understand and be prepared to address typical conversion challenges that can occur because of interpretation errors, human errors, and zone-based versus single zone policies.

Juniper's Firewall Conversion Service combines remote consulting, proven processes, and tested technologies to reduce risk and accelerate migration to your new Juniper Networks SRX Series Services Gateways.

Service Description

The Juniper Networks® Firewall Conversion Service is designed to ease the critical transition as you convert from legacy firewalls to your new Juniper Networks SRX Series Services Gateways solution. This service provides your organization with access to a firewall conversion team with extensive knowledge of CheckPoint, Cisco, and Juniper deployments. It employs migration and conversion tools that have been developed using time-tested migration methodologies and automated processes to minimize data entry errors. It enables you to convert to your new SRX Series gateway with Juniper Networks Junos® operating system efficiently and with complete confidence.

As part of this service, you are able to leverage the expertise within the Juniper Networks Professional Services team and receive a configuration file that emulates the access controls provided by the legacy system. This is accomplished using a set of time proven tools to convert the configuration values of the legacy system to equivalent controls on the SRX Series. The service addresses four areas:

1. Requirements—Review of the prerequisite data, requirements, design, and desired results.
2. Conversion—Conversion of the policy (rules) and their elements (addresses, applications, and groups) found in the legacy configuration to a file suitable for the SRX Series gateway.
3. Review—Detailed review of the converted configuration in comparison to the original device.
4. Implementation—SRX Series cutover and first production day support.

Firewall Conversion Service is a remotely delivered, low cost offering that helps you convert from a single device legacy firewall configuration to a new SRX Series gateway. It has been specifically designed to ease this critical transition and mitigate risks, and it is performed by Juniper experts who have extensive experience in conversions and know how to avoid the potential conversion issues. The processes used will ensure that the resulting configuration will comply with existing security policies and maintain maximum network uptime. The Firewall Conversion Service simplifies your firewall conversion, lowering total cost of ownership, enabling a faster time to deployment, and accelerating the time to revenue activities for the organization.

The Firewall Conversion Service also provides the conversion of your entire rule base, including access control list (ACL) and Network Address Translation (NAT) rules, plus all address and service objects.

The service is available for customers switching from legacy firewalls to Juniper firewalls, as well as for customers who are upgrading from Juniper Networks ScreenOS™ Software-based firewalls to Junos OS-based SRX Series Services Gateways. The eligible legacy devices are: Checkpoint, Cisco ASA, Cisco FWSM, Cisco PIX, or ScreenOS-based appliances.



Features and Benefits

Feature	Feature Description	Benefit
Review of requirements and design	Consultants review the information regarding legacy data as well as desired end state.	<ul style="list-style-type: none"> • Mitigate risks • Receive early warning of potential issues
Use of tried and tested conversion tools and techniques	Automated conversion of configuration files is completed.	<ul style="list-style-type: none"> • Minimize potential for data entry errors • Accelerate and optimize the time-to-value of your Juniper firewall solution • Leverage experience from other conversion projects
Detailed review of old and new configuration files	Your Professional Services engineer checks that the configuration has been correctly converted.	<ul style="list-style-type: none"> • Accelerate availability of new SRX Series solution • Mitigate risks

Service Deliverables and Benefits

This service provides a new configuration file and enables you to easily and effectively convert from a legacy firewall to a SRX Series gateway. The Firewall Conversion Service also provides conversion support for your staff and helps minimize the risks in converting to a new security solution.

Exclusions

The Conversion Service does not include:

- Design review including sizing, interoperability and compatibility
- Base, Skeleton, Configuration or suitability review
- Loading of the file onto a production device.

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 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 have the necessary technical 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 Firewall Conversion Service. For example:

- **Data Center Security Evaluation:** This service would usually 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 necessary to make your network a reality.

- **Testing Service:** Prior to implementation of a new network, Juniper Networks Testing Service provides you with an 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.
- **Junos Space Network Management Platform Security Director QuickStart Service:** This is a QuickStart service that 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 Network Management Platform in day-to-day scenarios.

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

To order the Juniper Networks Firewall Conversion Service, or for additional information, please contact your Juniper account manager. Before the service begins, a statement of work (SOW) will be created outlining the scope of effort to be performed.

About Juniper Networks

Juniper Networks challenges the status quo with products, solutions and services that transform the economics of networking. Our team co-innovates with customers and partners to deliver automated, scalable and secure networks with agility, performance and value. Additional information can be found at Juniper Networks or connect with Juniper on [Twitter](https://twitter.com/Juniper) and [Facebook](https://facebook.com/Juniper).

Corporate and Sales Headquarters
Juniper Networks, Inc.
1133 Innovation Way
Sunnyvale, CA 94089 USA
Phone: 888.JUNIPER (888.586.4737)
or +1.408.745.2000
Fax: +1.408.745.2100
www.juniper.net

APAC and EMEA Headquarters
Juniper Networks International B.V.
Boeing Avenue 240
1119 PZ Schiphol-Rijk
Amsterdam, The Netherlands
Phone: +31.0.207.125.700
Fax: +31.0.207.125.701



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