SRX SERIES FIREWALL MIGRATION SERVICE

Service Overview

Replacing Juniper or other third-party legacy firewalls with next-generation SRX Series Services Gateways protects organizations while preserving their competitive advantage. When embarking on a firewall conversion, it is critical that your team understands and is prepared to address the typical conversion and migration challenges. The SRX Series Firewall Migration Service uses a proven process featuring tested technologies to reduce risk and accelerate migration to next-generation solutions.

Service Description

Juniper Networks® SRX Series Firewall Migration Service eases the critical transition for customers moving from first-generation SRX Series gateways or firewalls from other vendors such as Cisco, AT&T-Vyatta, Check Point, Palo Alto Networks, SonicWall, and Fortinet to next-generation Juniper Networks® SRX Series Services Gateways.

This service gives your organization access to a firewall conversion team with extensive knowledge of SRX Series and other third-party firewall deployments. The service employs a migration process and conversion tools developed using time-tested migration methodologies and automated processes to eliminate errors, enabling you to efficiently migrate to an SRX Series firewall running the Junos® operating system with complete confidence. As part of this service, you have access to the expertise of the Juniper® Professional Services team, which will review, plan, and migrate your new secure network using SRX Series firewalls.

Rather than just using the customized professional service approach that serves the entire customer base, the SRX Series Firewall Migration Service offers three different packages: Basic, Plus, and Advanced. The service provides a technology uplift via a simple firewall conversion from first-generation SRX Series firewalls, as well as those from vendors such as Cisco, AT&T-Vyatta, and Check Point, to next-generation SRX Series firewalls based on the specific needs of each customer—whether a small to medium-sized business, a large enterprise, or a service provider. Packages are fixed price and fixed scope-of-work, with a set of predefined firewall quantities to be migrated. Packages also have multiple add-on options for incremental firewall quantities to be migrated (with fixed per-firewall pricing).

The Basic package supports the migration of other vendors' firewalls to SRX Series Junos OS configuration file translation by taking the existing customer-supplied configuration as an input and delivering a translated Junos OS configuration file to be used on the targeted SRX Series firewall.

The Plus package includes everything offered in the Basic package, plus it creates a base configuration for the SRX Series firewall and verifies the translated file. The Advanced package adds incremental network implementation capabilities and migration plan assistance, cutover maintenance window technical assistance, and network documentation for SRX Series firewall post-migration operation.

The service also includes a fully customized option that offers more complex full migration recommendations from first-generation to next-generation SRX Series firewalls, or from other vendor firewalls such as Cisco, AT&T-Vyatta, Check Point, Palo Alto Networks, SonicWall, and Fortinet.

Table 1. SRX Series Firewall Migration Service Package Comparison

Features	Basic	Plus	Advanced	Custom
Requirements Review Document (RRD)				Y
High-Level Design (HLD)				Y
Low-Level Design (LLD)				Y
File Translation	Y	Y	Y	Y
Base Configuration Creation and File Translation Verification		Y	Y	Y
Design Verification Testing (DVT)				Y
Network Acceptance Test Plan (NATP)				Y
Network Acceptance Test Plan Execution (NATPE)				Y
Network Migration Plan (NMP)/Network Implementation and Migration Plan (NIMP)			Y[1]	Y
Network Implementation and Migration Plan Execution (NIMPE)				Y
Cutover Technical Assistance/Post-NIMP Execution Support			Y[2]	Y
Network Operations Documentation (NOD)			Y	Y
Knowledge Transfer Workshop				Y

1. NMP (assistance only)
2. Cutover Technical Assistance (up to 8 hrs.)

Table 2. Service Components

Components	Description	Features and Benefits
Requirements Review Document (RRD)	Technical workshop to discuss requirements for the project. Juniper will document identified customer requirements into a requirements matrix (RM) in the RRD document for customer review and approval.	Clearly identified business and technical requirements delivered to customer in conjunction with Juniper consultant.
High-Level Design (HLD)	High-Level Design document delivered to customer.	High-level design document that shows the position and features of Juniper products.
Low-Level Design (LLD)	Low-Level Design document delivered to customer.	Low-level design document that describes how Juniper products in the target network will be interconnected.
File Translation	Partial Configuration File translated from other vendor security firewall OS or first-generation SRX Series firewalls Junos OS to next-generation SRX Series firewalls Junos OS covering the security components delivered to customer.	Leveraged skills and expertise of Juniper Professional Services consultant to translate other vendors' security firewall OS or first-generation SRX Series Junos OS configurations to next-generation SRX Series Junos OS configurations.
Base Configuration Creation and File Translation Verification	Base configuration file for the next-generation SRX Series firewall and verification of the translated file delivered to customer.	Verified base configuration along with translated files from other vendor security firewall operating systems or first-generation SRX Series Junos OS to next-generation SRX Series Junos OS.
Design Verification Testing (DVT)	Design Validation Testing (DVT) validating the design described in the HLD and LLD.	A Design Validation Testing plan prepared by Juniper based on the LLD deliverable, including pass/fail criteria.
Network Acceptance Test Plan (NATP)	Juniper-created and documented NATP based on the LLD.	A Network Acceptance Test Plan prepared by Juniper and covering all the agreed upon features to be used in the network.
Network Acceptance Test Plan Execution (NATPE)	Documentation of test results in the NATP, created from the NATP document and updated with the test results.	Network Acceptance Testing executed by Juniper consultant, documented in the NATP in conjunction with the customer and end user.
Network Migration Plan (NMP)/Network Implementation and Migration Plan (NIMP) document	Basic NMP document to aid the customer, or complete NIMP document that will provide a recommended approach for implementing the Juniper products in the target network and for migrating from the current hardware to the new hardware/deployment.	Easy and error-free approach for migrating from legacy hardware to new Juniper hardware by a professional consultant.
Network Implementation and Migration Plan Execution (NIMPE)	Migration based on the NIMP deliverable, with Juniper and the customer working together to execute the NIMP for the Juniper products.	A Juniper-assisted smooth migration with technical assistance wherever needed.

Components	Description	Features and Benefits
Cutover Technical Assistance/Post-NIMP Execution Support	Remote technical assistance provided (for one day) during scheduled maintenance window while customer executes the steps described in the NMP, or full remote support for the customer (for one day) after the execution of the NIMP to assist in rapid analysis of any issues that may arise following the implementation and migration.	One day of remote help after the migration, if any issue arises, to bring the issue to closure.
Network Operations Document (NOD)	Post-migration guidelines to manage SRX Series firewalls from operational point of view.	An operational document that provides guidelines on how to operate SRX Series firewalls post migration.
Knowledge Transfer Workshop (KTW)	Detailed knowledge transfer on the products used and their usage in the network.	Detailed information about Juniper products, along with how they are being used in the network.

Juniper Service and Support

Juniper 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 SRX Series Firewall Migration Service, or for additional information, please contact your Juniper account manager.

Exclusion

The scope of this service is for migrating from Juniper Networks first-generation SRX Series firewalls or from other vendor firewalls to next-generation SRX Series Services Gateways only and does not include separately sold assessment, design, or deployment services. If you require additional services from your Juniper Professional Services consultant, please contact your Juniper account manager.

About Juniper Networks

Juniper Networks brings simplicity to networking with products, solutions and services that connect the world. Through engineering innovation, we remove the constraints and complexities of networking in the cloud era to solve the toughest challenges our customers and partners face daily. At Juniper Networks, we believe that the network is a resource for sharing knowledge and human advancement that changes the world. We are committed to imagining groundbreaking ways to deliver automated, scalable and secure networks to move at the speed of business.