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NETSCREEN-TO-SRX SERIES MIGRATION SERVICE

Service Overview

Safeguarding against new network and cybersecurity threats requires the latest security features using a high-scale, high-performance firewall. Replacing NetScreen Series Security Systems with SRX Series Services Gateways protects organizations while maintaining their competitive advantage. When embarking on a legacy conversion, it is critical that your team understand and be prepared to address typical conversion and migration challenges that might occur. The NetScreen Series-to-SRX Series Migration Service uses a proven process and tested technologies to reduce risk and accelerate migration to SRX Series firewalls.

Service Description

The Juniper Networks® NetScreen Series-to-SRX Series Migration Service eases the critical transition for customers migrating from legacy Juniper Networks NetScreen Series Security Systems to Juniper Networks SRX Series Services Gateways.

This service gives your organization access to a firewall conversion team with extensive knowledge of NetScreen Series and SRX Series deployments. The service employs 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 Networks Professional Services team, which will help you review, plan, and migrate your new secure network using SRX Series Services Gateways.

Rather than just using the customized professional service approach that serves the entire customer base, the NetScreen Series-to-SRX Series Migration Service offers four different packages—Basic, Plus, Advanced, and Premium—that can perform everything from a simple firewall conversion task to a full migration based on specific customer needs, 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 offer multiple add-on options for incremental firewall quantities to be migrated (with fixed per-firewall pricing).

The Basic package provides one-to-one NetScreen ScreenOS®-to-SRX Series Junos OS configuration file translation by taking the existing customer-supplied ScreenOS configuration as an input and delivering a translated Junos OS configuration file to be used on the target SRX Series firewall.

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

The Premium package provides comprehensive migration, with a full array of service capabilities. These include a requirements review; low- and high-level design; file translation; file verification; design testing; network acceptance test execution and reporting; network implementation; migration planning and execution; post implementation support; post migration network operations documentation; a knowledge transfer workshop; and Juniper Networks Network and Security Manager-to-Junos Space® planning and migration.

The service also includes a fully customized option that offers an easy progression toward more complex firewall conversion recommendations.

Table 1. NetScreen-to-SRX Series Service Package Comparison

Feature	Basic	Plus	Advanced	Premium	Custom
Requirements Review Document (RRD)				Y	Y
High-Level Design (HLD)				Y	Y
Low-Level Design (LLD)				Y	Y
File Translation	Y	Y	Y	Y	Y
Base Configuration Creation and File Translation Verification		Y	Y	Y	Y
Design Verification Testing (DVT)				Y	Y
Network Acceptance Test Plan Execution (NATPE)				Y	Y
Network Acceptance Test Report (NATR)				Y	Y
NMP Assistance/Network Implementation and Migration Plan (NIMP)			Y[1]	Y	Y
Cut-Over and Migration Plan Execution (NIMPE)				Y	Y
Maintenance Window Technical Assistance/Post-NIMP Execution Support			Y[2]	Y	Y
NSM-to-Space/SD Migration Plan				Y	Y
NSM-to-Space/SD Migration Execution				Y	Y
Network Operations Documentation (NOD)			Y	Y	Y
Knowledge Transfer Workshop				Y	Y

1. NMP Assistance only
2. Maintenance Window Technical Assistance Only (up to 8 hrs.)

Table 2. Service Components

Components	Description	Features and Benefits
Requirements Review Document (RRD)	Technical workshop to discuss customer requirements for the project. Juniper will document identified customer requirements into a requirements matrix (RM) in RRD 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 project document delivered to customer.	High-level network document showing the position and features of Juniper products.
Low-Level Design (LLD)	Low-level project document delivered to customer.	Low-level document that describes how Juniper products in the target network will be interconnected.
File Translation	Partial configuration file translated from NetScreen Security System ScreenOS to SRX Series Services Gateway Junos OS covering the security-included components delivered to the customer.	Leveraged skills and expertise of Juniper Professional Services consultant to translate ScreenOS configurations to SRX Series Junos OS configurations.
Base Configuration Creation and File Translation Verification	Base configuration file for the SRX Series Services Gateway and verification of the translated file delivered to the customer.	Verified baseline configuration along with translated files from ScreenOS to Junos OS for SRX Series devices.
Design Verification Testing (DVT)	Testing to validate the design described in the HLD and LLD.	Juniper will create a DVT plan based on the LLD deliverable. The test plan will include pass/fail criteria.
Network Acceptance Test Plan (NATP)	Based on the LLD for the project, Juniper will create and document a Network Acceptance Test Plan.	Network acceptance test plan prepared by Juniper covering all the features agreed to be used in network.
Network Acceptance Test Plan Execution (NATPE)	Documentation of test results delivered in an NATP. The NATP will be created from the NATP document and updated with the test results.	A Juniper consultant will execute tests documented in the NATP in conjunction with customer and end user.
NMP/Network Implementation and Migration Plan (NIMP)	Basic Network Migration Plan (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 the migration(s) 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)	Based on the NIMP, Juniper will work with the customer and end user to execute the NIMP for the Juniper products.	Juniper will assist the customer to ensure a smooth migration and provide technical assistance wherever needed.
Cut-Over Technical Assistance/ Post-NIMP Execution Support	Remote technical assistance provided (for one day) to the customer during their scheduled maintenance window while they execute 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.	If any issue arises after the migration, a Ju-niper consultant will provide one day of re-mote help to bring the issue to closure.

Components	Description	Features and Benefits
NSM to Junos Space with Security Director Migration Plan	Create and validate a plan for migrating the customer's network and security manager (NSM) platform to the Junos Space Security Director platform.	Customer will leverage Juniper expertise when moving from their existing NSM to Junos Space.
NSM to Junos Space with Security Director Migration Execution	Based on the NSM to Junos Space with Security Director Migration Plan, Juniper will work with the customer and end user to execute the migration plan for the Juniper products.	Juniper will help the customer execute the plan to make sure migration is successful.
Network Operations Document	The Network Operations Documents (NOD) contains post-migration guidelines to manage SRX Series Services Gateways from an operational point of view.	The customer receives and operational document that provides guidelines on how to operate SRX Series firewalls post-migration.
Knowledge Transfer Workshop (KTW)	Juniper will deliver detailed knowledge transfer on the products and how they are used in the network.	The workshop provides 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 NetScreen Series-to-SRX Series Migration Service, or for additional information, please contact your Juniper Account Manager.

Exclusion

The scope of this service is for migrating from NetScreen Series Security Systems to 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.