

ROUTER MIGRATIONS

Service Overview

Migrating to a new edge router can be a daunting task. Converting legacy configuration files manually can take a great deal of time and strain internal resources, delaying implementation of your new IP-based services. Juniper Networks has developed tools and procedures that not only ensure the timely and accurate conversion of configuration files to load onto a Juniper Networks E Series Broadband Services Routers (ERX models), but also provide the added benefit of detecting incorrect configurations on the original equipment.

Service Description

Juniper Networks® Router Migrations service is a comprehensive offering designed to facilitate the removal of legacy edge routers, including Redback Networks, Cisco, Shasta and others. ERX model router migration is available in standard (replacement) or advanced (migration plus configuration) service configurations, and is accomplished in three phases:

Phase 1: Consulting

In the first phase, Juniper Networks Professional Services collects the customer's migration requirements and helps with any network engineering that may be required.

Phase 2: Development

In the second phase, Juniper Networks develops a customized process to convert the legacy device configuration into an ERX model router configuration. The conversion process is based on representative configuration files and requirements that are provided by your organization.

Phase 3: Migration Implementation

In the final phase, the configuration conversion process is combined with operational requirements and considerations to produce the complete migration process. In parallel with the migration, Juniper provides standard and custom onsite classes to transfer knowledge on ERX model router operations.

Knowledge Transfer

Throughout the ERX model router migration engagement period, Juniper Networks consultants deliver informal transfer of information to your IT staff and business users.

Legacy Routers

This migration service converts configurations from the following edge routers:

- Redback SmartEdge
- Redback SMS
- Cisco 6400
- Cisco 7500
- Cisco 10000
- Cisco 12000
- Shasta BSN

Migration services may be available for products not listed.

Table 1: Features and Benefits

FEATURE	FEATURE DESCRIPTION	BENEFIT
Migration requirement analysis	Collection of migration requirements and help in designing the temporary IP addressing, network connectivity and routing protocol configuration are provided if necessary	Eliminates time and effort to develop migration process
Co-developed test plan	Juniper Networks and your team co-develop a test plan to validate the migration process	Significantly reduces the time and effort to produce plan
Migration process refinement	Migration process is refined before it is used in your production network	Accelerates conversion rate speed, up to 50 times faster than when done manually
Legacy device migration	The legacy device's configuration parameters, services and subscribers are migrated into ERX model router configuration scripts	Reduces time and effort to create ERX model router configuration files
Configuration conversion	Professional Services consultants convert the configuration, thoroughly check the newly created ERX model router configuration script, and provide the ERX model router configuration script and detailed migration instructions	<ul style="list-style-type: none"> • Reduces chances of errors • Reduces or eliminates the costs of debugging and fixing errors introduced in configuration files during migration
Knowledge transfer	Informal transfer of knowledge occurs throughout the period of engagement	<ul style="list-style-type: none"> • Accelerates availability of new ERX model router platform • Accelerates readiness of employees • Creates fully informed IT staff for improved operational efficiencies and application performance

Table 2: Service Specifications

JUNIPER RESPONSIBILITIES	CUSTOMER RESPONSIBILITIES
<p>Provide a Juniper Professional Services ERX model router consultant who will work both onsite and remotely as appropriate, to:</p> <ul style="list-style-type: none"> • Collect your organization's migration requirements • Co-develop test plan with your team • Provide information on configuration discrepancies 	<ul style="list-style-type: none"> • Provide Juniper with representative configuration files and requirements • Provide Juniper with copies of all legacy device configuration files • Provide a designated project manager or point of contact to interface with Juniper Networks on day-to-day issues and coordination of resources • Provide external access to the Internet, internal access to your Intranet, and access to your network equipment that the consultant will support • Provide access to any applications, databases and the appropriate customer technical resources that are essential for consultant to perform duties successfully • Verify the operation of the ERX model router

Juniper Networks Service and Support

Juniper Networks is the leader in performance-enabling services and support, which are designed to accelerate, extend, and optimize your high-performance network. Our services allow you to bring revenue-generating capabilities online faster so you can realize bigger productivity gains and faster rollouts of new business models and ventures. At the same time, Juniper Networks ensures operational excellence by optimizing your network to maintain required levels of performance, reliability, and availability. For more details, please visit www.juniper.net/us/en/products-services/.

Ordering Information

The Juniper Networks Firewall Migration Service is available globally. Please contact your local J-Partner or Juniper Networks field sales manager for details.

About Juniper Networks

Juniper Networks, Inc. is the leader in high-performance networking. Juniper offers a high-performance network infrastructure that creates a responsive and trusted environment for accelerating the deployment of services and applications over a single network. This fuels high-performance businesses. Additional information can be found at www.juniper.net.

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