

## **Next Generation Firewall Migration Statement of Work**

### **1 - Firewall Rulebase Cleanup & Optimization**

1. Analysis of existing firewall rule base.
2. Optimization of existing rule base to remove unused rules, shadowing, and poorly placed rules from a performance perspective.
3. Implied permit security level analysis as required to translate packet forwarding behavior onto a zero trust firewall platform (Juniper SRX).
4. Review of existing configuration against best practices for security hardening and infrastructure availability as it relates to implementing like functionality on a Juniper SRX firewall.
5. Change implementation support as requested by client staff to optimize configuration and enhance logging behavior to support migration to a Juniper SRX firewall platform.

### **2 - Firewall Configuration Migration and Support**

1. Migration of existing firewall rule base up to 100,000 ACL entries, 20 security levels / interfaces across (2) ASA devices.
2. Configuration of Juniper SRX High Availability Features.
3. Security design and best practice adherence documentation for Internet edge implementation of (2) Juniper SRX 4100 firewalls.
4. Security design and best practice adherence documentation for implementation of Junos Space Security Director 18.x for management, logging, and threat mitigation.
5. Change implementation support (remote and on site) as required for full migration of existing ASA functionality on the Juniper SRX 4100 platform.
6. Migration of existing Ironport based web polices onto Juniper SRX Web Filtering platform.



### **3 - SRX Advanced Feature Deployment**

1. Implementation and tuning of Web Filtering on the Juniper SRX platform. Migration of existing SourceFire based Web Filtering ruleset.
2. Implementation and tuning of IPS on the Juniper SRX platform. Migration of existing SourceFire based IPS ruleset.
3. Implementation and tuning of Anti-Virus scanning on the Juniper SRX platform. Migration of existing SourceFire based Anti-Virus ruleset.
4. Implementation and tuning of User Based Firewalling on the Juniper SRX platform. Up to (5) user groups and (1) identity source.
5. Implementation and tuning of Sky Advanced Threat Prevention (ATP) on the Juniper SRX platform. Migration of existing SourceFire based Malware ruleset.

### **4 - Security & Infrastructure Consulting**

1. Post implementation 30 day review and recommendations for ongoing tuning, optimization, and analysis of client security infrastructure (legacy Cisco and refreshed Juniper).
2. Staff training per syllabus below.



## **Junos Security Training Syllabus**

### **Junos Security (1 Day)**

SRX Platform Introduction

Flow Module Deep Dive

Security Zones

Layer 4 Security Policy

Network Address Translation

IPSec Configuration

Logical Tunnels and Virtual Routers

### **Advanced Junos Security (1 Day)**

AppSecure

Enhanced Web Filtering

Intrusion Prevention

Inline Anti-Virus Filtering

Sky ATP

Junos Space Security Director

