

# Next Generation Firewall Launch FAQ

## SRX Series, Security Director, Firefly Perimeter June 2014

### What's New to SRX Series Services Gateways, Security Director and Firefly Perimeter

Juniper now offers fully integrated Next Generation Firewall services through the SRX Series Services Gateway with application awareness, Intrusion Prevention System (IPS), and extensive role-based user control options plus best-of-breed unified threat management (UTM) to protect and control business assets. Juniper's virtual Firefly Perimeter firewall also offers some NGFW capabilities through IPS and UTM services. All solutions can be centrally managed using Junos Space Security Director.

- Protect against application-borne security threats and manage bandwidth usage by increasing your control over applications
- Save time and minimize policy-management complexity by basing security on user- and role-based information from Active Directory
- Secure your organization against network-based exploit attacks aimed at application vulnerabilities with integrated IPS
- Protect your business against malware, viruses, phishing attacks, intrusions, spam, and other threats with integrated UTM
- Streamline operations by centrally managing all your next-generation firewalls from a single, highly scalable platform

### What specifically is new for the SRX Series Services Gateway?

- New AppID engine to improve efficacy for AppSecure
- Integrated user role-based firewall
- New 1G MIC for IOCL in SRX 5k Series

### What is new in Junos Space Security Director?

- Management of UTM services
- Role-based access control
- Integrated logging collection and reporting via support for Junos Space Log Director

### What is new for Firefly Perimeter?

- IPS
- UTM
- Transparent Mode
- High Availability for KVM

### What is significant about the new AppID engine?

With the new AppID 2.0 engine in AppSecure, the SRX will identify almost twice as many unique applications to offer more options for application specific security and controls. It will also perform better at identifying evasive and tunneled applications such as Skype and BitTorrent.

### What are competitive differentiators with AppID?

AppID signatures are written in an open language so customers can write their own custom application signatures to manage custom applications. This is particularly useful for data center implementations where customer applications are often in use. This ability to handle open signatures is a competitive differentiator for the Juniper solution.

Application Identification (AppID) can be applied on an extremely granular basis where all traffic through the SRX is not subject to AppID inspection. For collapsed DC / Enterprise Edge environments security policy can be customized to apply AppID to the Enterprise Edge traffic (providing visibility and application policy control for Users in the Enterprise), but not applied to Datacenter traffic where AppID is less useful. This is a differentiator for Juniper.

### What is significant about the new user firewall capability?

The SRX will integrate directly with Active Directory to apply user role-based firewall policies without requiring any additional devices (such as a UAC) or agents. This integrated solution will simplify deployment of user role-based firewall controls; it is an integrated part of the SRX and does not require any additional license.

Juniper continues to offer extended user security capabilities through UAC and NAC solutions. The SRX combined with UAC and/or NAC will deliver more in-depth end-to-end user security than what is available from other security providers in the industry. These extended end-user security solutions remain market differentiators for Juniper.

#### **How many connections are available in the new MIC?**

The new SRX5k Series Services Gateways IOCII (SRX5k-MPC) MIC will support up to 20 high density 1G connections. Each IOCII card can support 1 or 2 MICs. In addition to the 20x1GbE MIC option, the IOCII can also support MICs with 10x10GbE, 2x40GbE, and 1x100GbE. The SRX5k Series remains the only firewall in the industry to offer a 100GbE interface option.

#### **What's the difference between the previous NGFW and the improved NGFW?**

Previously to deploy all NGFW capabilities with centralized management and reporting our customers needed to deploy four products from Juniper: SRX, UAC, Junos Space Security Director, and Juniper Secure Analytics (formerly known as STRM). With integrated user role-based firewall in the SRX and integrated logging and reporting in Security Director our customers only need to deploy two products. This new simpler deployment model is especially useful for smaller deployments, demos, and POCs. Larger operations may still want the expanded features and benefits that come from deploying SRX and Security Director along with the UAC, NAC, and/or Secure Analytics solutions.

#### **How do you purchase the new capabilities in this launch?**

- AppSecure, IPS, and UTM are available through separate licenses. Customers who already have an AppSecure license can simply upgrade their software to take advantage of the new AppID.
- The user role-based firewall capability comes integrated with the SRX. It does not require a separate purchase. Current SRX customers will need to upgrade their software.
- Upgrade to the new version of Security Director (v13.3R2) and Junos Space Network Management Platform v13.3R1.9 to benefit from these recent improvements. If a customer does not have Security Director, they will need to get a license for Junos Space Network Management Platform v13.3R1.9 and Security Director v13.3R2.
- IPS and UTM for Firefly Perimeter are available via a separate additional license.

#### **Do we have any new certifications with this launch?**

No, there are no new certifications with this launch.