



JUNIPER ADVANCED THREAT PREVENTION CLOUD

Product Overview

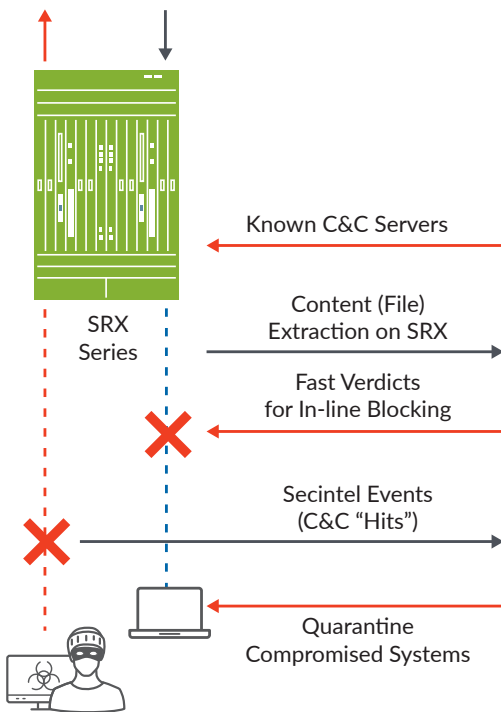
Juniper Networks® Advanced Threat Prevention is a cloud-based service that provides complete advanced malware protection. Integrated with Juniper Networks SRX Series Services Gateways, Juniper ATP Cloud delivers a dynamic anti-malware solution that adapts to an ever-changing threat landscape.

Juniper ATP Cloud helps customers:

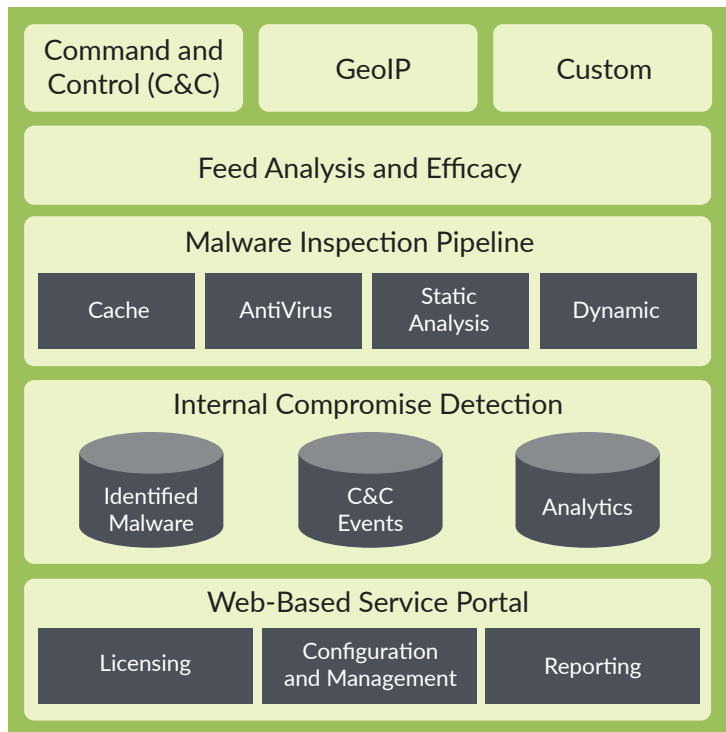
- Identify and defend against new zero-day malware and targeted attacks
- Mitigate risks by updating existing security controls to defend against identified and unknown threats
- Reduce the time and cost to resolve advanced threats
- Reduce exposure to advanced threats

Key Advantages of Juniper ATP Cloud

- Delivers a cloud-based and scalable solution
- Offers zero-day threat protection
- Integrates with SRX Series next-generation firewalls
- Supports inline blocking and blocking of files with unknown verdict
- Offers unique deception and provocation techniques
- Detects IoT malware with support for executable and linkable format (ELF) file types
- Provides network behavioral analysis and machine learning to determine if an SSL/TLS connection is benign or malicious without the heavy burden of full decryption with Encrypted Traffic Insights



Juniper Secure ATP Cloud



Juniper ATP Cloud solution

Juniper ATP Cloud Identification Technology

- Powerful machine learning algorithms
- Dynamic analysis with techniques to trick malware into activating and self-identifying
- Rapid cache lookups to speed up previous malware identification
- Antivirus signature-based engine to identify known files
- Static analysis that analyzes software code to identify possible dangerous fragments

Juniper ATP Cloud Features and Benefits:

Capabilities	Features and Benefits
Flexible deployments	ATP Cloud and SRX Series firewalls that act as the threat collector Tenant system support offering per-realm configuration and management of ATP Cloud
Multivector traffic inspection	HTTP, HTTPS, SMTP(s), and IMAP(s)
File upload	Ability to upload suspicious files through the Web UI for processing
OS support	Windows 7, Windows 10, and Android operating systems
Multiple file type analytics	Deep analysis and sandboxing support for multiple file types, including executables, PDFs, MS Office files, archives, ELF, and Flash
Comprehensive third-party API support	Comprehensive API support that programmatically delivers dynamic threat intelligence feeds, uploads files for analysis, and manages compromised hosts, enabling easy integration with the larger threat ecosystem
Threat intelligence sharing	STIX and TAXII support to enable threat intelligence sharing in a standard format
Command and Control threat feeds	Rich set of curated threat feeds to proactively block inbound and outbound Command and Control (C&C) communication
Adaptive Threat Profiling	Organizations can leverage their existing SRX Series infrastructure to create security intelligence feeds based on real-time events happening on their network, allowing them to respond to emerging threats as they are detected and take action.
Scalable cloud solution	Scalable secure cloud infrastructure that, when a threat is discovered, shares updates globally among customers in near real time to block additional attacks
Management and reporting	<ul style="list-style-type: none">• Full-featured, web-based portal to provision, monitor, and manage services, as well as a rich set of reports and analytics to provide customers with deep visibility into threats and potentially compromised hosts• Comprehensive logging and integration with Juniper Networks JSA Series Secure Analytics Appliances and IBM QRadar SIEMs that allow rapid threat analysis and incident response

Next Steps

A free version of Juniper ATP Cloud is available for existing customers of supported SRX Series devices with a valid software support contract. The free download supports executable processing only. For customers who do not currently have an SRX Series device, a free trial of the vSRX Virtual Firewall that supports Juniper ATP Cloud is available. To download the free trial version of the vSRX, visit www.juniper.net/us/en/dm/free-vsrx-trial/.

For more information on Juniper ATP Cloud, visit www.juniper.net/us/en/products-services/security/advanced-threat-prevention/.

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.

Corporate and Sales Headquarters

Juniper Networks, Inc.
1133 Innovation Way
Sunnyvale, CA 94089 USA
Phone: 888.JUNIPER (888.586.4737)
or +1.408.745.2000
Fax: +1.408.745.2100
www.juniper.net

APAC and EMEA Headquarters

Juniper Networks International B.V.
Boeing Avenue 240
1119 PZ Schiphol-Rijk
Amsterdam, The Netherlands
Phone: +31.0.207.125.700
Fax: +31.0.207.125.701

