



Juniper Networks NSMXpress

Now more than ever, Network operators need the ability to easily manage security policies and to have visibility into potential security concerns in the network. At the same time, they need to invest their time in monitoring and operating secure networks. Juniper Networks NSMXpress enables IT departments to not only control the entire device lifecycle with a single, centralized solution, but also provides visibility with complete set of investigative and reporting tools.

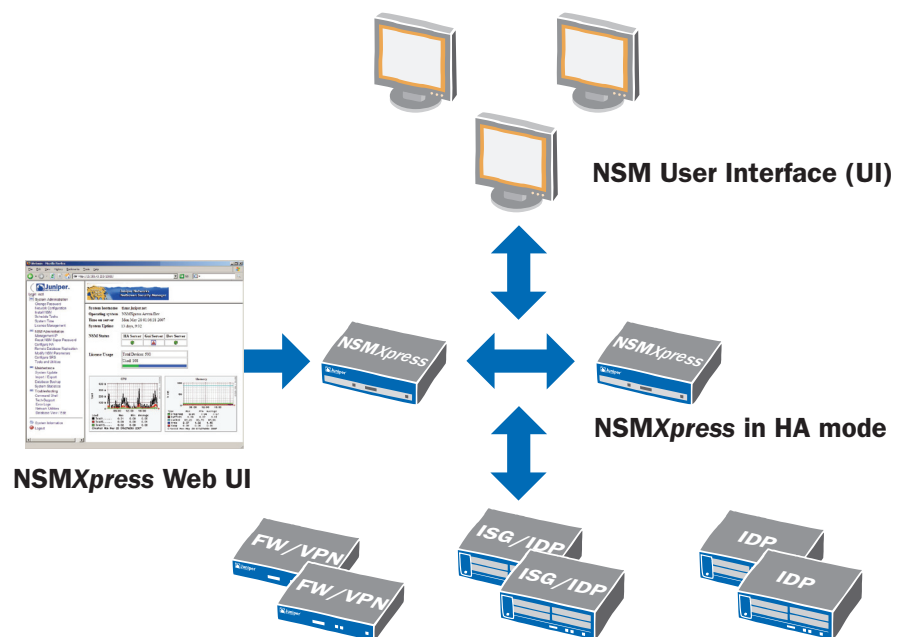
Product Overview

NSMXpress is an appliance version of NetScreen-Security Manager. It simplifies the complexity of security device administration by providing a single integrated management interface that controls every device parameter. This robust hardware management system installs in minutes with full High Availability (HA) support, which also makes it easy to scale and deploy. Enterprise customers with limited resources can benefit significantly from NSMXpress. That is because it eliminates the need to have dedicated resources for maintaining a security management solution. NSMXpress makes it easy for administrators to control all aspects of Juniper's firewall/VPN and intrusion detection and prevention (IDP) devices, including device configuration, network settings, and security policy.

NSMXpress offers features such as:

- Appliance version of NetScreen-Security Manager (2007.2 or later) pre-loaded
- Centralized, end-to-end device lifecycle management for granular control of configuration, network settings, and security policies
- Delegation of administrative roles provides relevant access to those who need it
- Easy to install, with operational efficiency that delivers lower TCO
- Dedicated HA support

Architecture and Key Components



Managed firewall/VPN and IDP Devices

Features and Benefits

Features	Feature Description	Benefits
Hardened OS	Juniper's security team monitors and maintains NSMXpress OS, which is optimized for performance and security.	Users don't have to worry about security vulnerabilities, support, or patch management for the OS.
Web Management	Intuitive Web UI for managing and maintaining NSMXpress.	Allows users to configure common NSMXpress parameters and tasks like Network settings, scheduling updates, troubleshooting, utilities and backups via a web interface.
Recovery Option	Menu-driven recovery option allows users to revert back to factory defaults or restore to the last configuration.	Users can easily reset the box to its original state or quickly restore lost data.
Scheduled Database Backups	NSMXpress supports both local and remote backups. By default it will perform nightly back-ups locally.	Users can set up an automatic task for backing up their data either locally or remotely.
Status Monitoring	The system monitors the status of NSMXpress and sends daily emails to the administrator regarding the health of the appliance.	Users can monitor and maintain the health of the appliance.
Server Role Option	Ability to choose the role of the appliance to be either a regional server or central manager.	User will get a chance to change the role of the server if they need to. This is a one time switch.
Central Update	One place to get all the updates. NSMXpress can perform either automatic or manual updates.	Not only can it download the latest OS upgrades, but it can also update NetScreen-Security Manager Attack DB through proxy settings.
One stop Support	Juniper Networks Technical Assistance Center supports all aspects of NSMXpress.	Users don't have to go to several places to get support.

Juniper Networks Firewall/VPN and Intrusion Detection and Prevention Device Support

NSMXpress	Number of Devices Supported
Firewall/VPN	500
IDP	50 (10 running profiler)
Firewall/VPN + IDP	200 + 20 (5 running profiler)

Specifications

Dimensions and Power	NSMXpress
Dimensions (W x H x D)	16.7 x 3.5 x 16.2 in (42.42 x 8.89 x 41.15 cm)
Weight	28.5 lb (12.94 kg) typical (unboxed)
Rack Mountable	Yes, 19"
A/C Power Supply	100-240 VAC, 50-60 Hz, 2.5 A 260 Watts
System Battery	CR2032 3 V lithium coin cell
Efficiency	65% minimum, at full load
MTBF	78,000 Hours
Material	18 gauge (.048") cold-rolled steel
Fans	2 externally accessible, hot swappable ball-bearing fans

Panel Display

Front Panel Power Button	Yes
Power LED, Temp	Yes
PS Fail	Yes
HDD Activity	Yes

Ports

Traffic	Two RJ-45 Ethernet-10/100/1000 Full or half duplex (auto-negotiation)
Management	One RJ-45 Ethernet-10/100/1000 full or half-duplex (auto-negotiation)
Fast Ethernet	IEEE 802.3u compliant
Gigabit Ethernet	IEEE 802.3z or IEEE 802.3ab compliant
Console	One 9-pin serial console port

Environment

Operating	50° to 95° F (10° C to 35° C)
Storage	-40° to 158° F (-40° C to 70° C)
Relative Humidity (operating)	8% to 90% non-condensing
Relative Humidity (storage)	5% to 90% non-condensing
Altitude (operating)	-50 to 10,000 ft (3,000 m)
Altitude (storage)	-50 to 35,000 ft (10,600 m)

Power Consumption

Thermal dissipation	416 BTU/hr (typical)
Thermal dissipation	470 BTU/hr (max single power supply)
Thermal dissipation	559 BTU/hr (max dual power supply)
Peak inrush current	50A Max. @ 115VAC, 80A Max. @ 230VAC

Certifications

Safety Certifications	EN60950-1:2001+ A11, UL60950-1:2003, CSA C22.2 No. 60950-1, IEC 60950-1:2001
Emissions Certifications	FCC Class A, VCCI Class A, CE class A
Warranty	90 Days

Ordering Information

Product	Part Number
NSMExpress, 25 devices	NS-SM-A-BSE
NSMExpress, HA	NS-SM-A-HA
NetScreen-Security Manager, 25 devices	NS-SM-S-BSE
NetScreen-Security Manager, additional 50 devices	NS-SM-ADD-50
NetScreen-Security Manager, additional 100 devices	NS-SM-ADD-100
NetScreen-Security Manager, additional 500 devices	NS-SM-ADD-500
NetScreen-Security Manager, additional 1000 devices	NS-SM-ADD-1K

Juniper Networks Firewall/VPN and IDP Device Support

NetScreen-Hardware Security Client (HSC)	SSG 5	IDP 10
NetScreen-5XP	SSG 20	IDP 50
NetScreen-5GT	SSG 140	IDP 100
NetScreen-5GT ADSL	SSG 320M	IDP 200
NetScreen-25	SSG 350M	IDP 500
NetScreen-50	SSG 520	IDP 600
NetScreen-204	SSG 550	IDP 1000
NetScreen-208	ISG 1000	IDP 1100
NetScreen-500	ISG 1000 w/IDP	
NetScreen-500 GPRS	ISG 2000	
	ISG 2000 w/IDP	
	NetScreen-5200	
	NetScreen-5400	

Juniper Networks ScreenOS Support

ScreenOS 5.4.0	ScreenOS 5.1/5.2/5.3-GPRS	ScreenOS 4.0.3
ScreenOS 5.3.0	ScreenOS 4.0.1	ScreenOS 4.0.1-SBR
ScreenOS 5.2.0	ScreenOS 4.0.1-MCAST	ScreenOS 4.0.1-SIBR
ScreenOS 5.1.0	ScreenOS 4.0.0-DIAL2	ScreenOS 4.0.0
ScreenOS 5.0.0		

Netscreen-Security Manager IDP Support

IDP 4.0

IDP 4.1

Note: For more information on NetScreen-Security Manager, please refer to the data sheet.

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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