Juniper Networks **NetScreen-IDP 10/100/500/1000**

The Juniper Networks NetScreen Intrusion Detection and Prevention (NetScreen-IDP) integrates application and network visibility with incident investigation and remediation to help customers quickly and confidently deploy inline attack prevention. When deployed inline, NetScreen-IDP effectively identifies and stops network and application level attacks before they inflict any damages, minimizing the time and costs associated with intrusions. NetScreen-IDP not only helps protect your network against attacks, it provides you with information on rogue servers and applications that may have been added to the network without your knowledge. Armed with the knowledge that unauthorized applications such as peer-to-peer or instant messaging have been added to the network allows you to more easily enforce your security policy and maintain compliance with your corporate application use policy. Combined with a centralized, rule-based management approach, which offers granular control over the system's behavior and easy access to extensive logging and fully customizable reporting, it is easy to see why NetScreen-IDP is the best way to keep your critical information assets safe.

		Juniper Networks NetScreen-IDP 10/100/500/1000
Management Capabilities (Based on IDP 3.0r2)		
3 Tier System		Yes
GUI Client Platforms	Windows 2000, XP	Yes
	Linux Red Hat 8, RHEL 3 AS, ES, WS	Yes
Management Server Platforms	Linux RedHat 7.2 and 8 RHEL 3 AS, ES, WS	Yes
	Solaris 8 and 9	Yes
User Interface Mechanisms	Java Application	Yes
	Command Line Interface	Yes
Number of Users		Unlimited
Centralized Management	Policy Management	Yes
	Log Viewing	Yes
	Incident Management	Yes
Logging		Over 50,000 logs per second
Log Exporting		PostgresSQL Database XMLFile CSVFile
Signature Updates		Yes; signature updates provided weekly, as well as in emergency
Reporting		
Quick reports		Yes
Fully customizable reports		Yes
Exportable (HTML)		Yes
System Status Monitoring		Yes
Sensor Software		
Detection Methods (8 methods)	Stateful Signature Detection	Yes
	Protocol Anomaly Detection	Yes
	Backdoor Detection	Yes
	Traffic Anomaly Detection	Yes
	IP Spoofing Detection	Yes
	DoS Detection	Yes
	Layer 2 Detection	Yes
	Network Honeypot	Yes

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Signatures	Stateful	Yes
	Number of contexts supported	500 +
	Compound (Stateful and Protocol Anomaly)	Yes
	Open signature format	Yes
	Custom, user definable	Yes
	Parallel signature matching	Yes
Protocols supported		60 +
Traffic Interpretation	Reassembly	Yes
	Scrubbing	Yes
	Normalization	Yes
Active Responses	Drop Packet	Yes
	Drop Connection	Yes
Passive Responses	TCP Resets	Yes
	Close Client	Yes
	Close Server	Yes
	Close Connection	Yes
	IP Action	Yes
Notification Methods	Built-in Log Viewer	Yes
	SMTP(Email)	Yes
	Custom Script	Yes
	SNMP trap	Yes
	SYSLOG	Yes
Packet Management	User-specified logging	Yes
	Built-in packet viewer	Yes
	3rd party compatibility	Yes
Operational Modes	Bridge	Yes
	Router	Yes
	Proxy-ARP	Yes
	Transparent	Yes
	Sniffer (Passive)	Yes
Enterprise Networking	802.1QVLAN Support	Yes
	SNMP MIB-II Support	Yes
Network Forensics/ Incident Response	Application (L7) information/awareness	Yes
	Network (L2-L4) information/awareness	Yes
	Policy violation visibility/awareness	Yes
	Incident correlation	Yes
	Policy refinement	Yes
	TruSecure incident remediation	Yes

Sensor Hardware	Juniper Networks NetScreen-IDP 10	Juniper Networks NetScreen-IDP 100	Juniper Networks NetScreen-IDP 500	Juniper Networks NetScreen-IDP 1000	Juniper Networks NetScreen-IDP Bypass
Interfaces	2 Copper Gigabit and 1 10/100 Standard	2 Copper Gigabit and 2 10/100 Standard(1)	2 Copper Gigabit and 2 Fiber Gigabit Standard(2)	2 Copper Gigabit and 2 Fiber Gigabit Standard(2)	
Memory (RAM)	512 MB	1 GB	4 GB	4 GB	
Maximum Session	10,000	70,000	220,000	500,000	
Throughput	Up to 20 Mb/Sec Nominal(3)	Up to 200 Mb/Sec	Up to 500 Mb/Sec	Up to 1 Gb/Sec(4)	
High Availability					
Standalone Failover	No	Yes	Yes	Yes	
HA Clustering	No	Yes	Yes	Yes	
Load Sharing	No	Yes	Yes	Yes	
3rd Party Failover	No	Yes	Yes	Yes	
Fail-Open	Yes(5)	Yes(5)	Yes(6)	Yes(6)	
Physical Redundancy					
Redundant Power	No	Optional	Yes	Yes	
RAID	No	Optional	Yes	Yes	
Physical					
AC Power Wattage	230 Watts	275 Watts	275 Watts	325 Watts	12 Watts
AC Power Voltage	100/240 VAC, 2.0-1.0 A, 50/60 Hz	100/240 VAC, 3.9-2.0 A, 50/60 Hz	100/240 VAC, 3.9-2.0 A, 50/60 Hz	110/220 Volts	90-264 VAC
System Battery	CR2032 3V lithium coin cell	CR2032 3V lithium coin cell	CR2032 3V lithium coin cell	3V coin cell	
Operating Temp	50° to 95°F	50° to 95°F	50° to 95°F	50° to 95°F	
Storage Temp	-40° to 149°F	-40° to 149°F	-40° to 149°F	-40° to 149°F	
Relative Humidity (Operating)	8% to 80% noncondensing	8% to 85% noncondensing	8% to 85% noncondensing	8% to 80% noncondensing	
Relative Humidity (Storage)	5% to 95% noncondensing	5% to 95% noncondensing	5% to 95% noncondensing	5% to 95% noncondensing	
Altitude (Operating)	-50 to 10,000 ft	-50 to 10,000 ft	-50 to 10,000 ft	-50 to 10,000 ft	
Altitude (Storage)	-50 to 35,000 ft	-50 to 35,000 ft	-50 to 35,000 ft	-50 to 35,000 ft	
Weight	27 lbs	35.27 lbs	35.27 lbs	35 lbs	1.5 lbs
Height	1.69 in. 1U	1.69 in. 1U	1.69 in. 1U	1.67 in. 1U	1.35 in.
Width	16.7 in.	19 in.	19 in.	17.61 in.	8 in.
Depth	23.1 in.	26.9 in.	26.9 in.	27 in.	5 in.

(1) Each 10/100 interface may be replaceable with an optional quad 10/100/1000 interface card (at extra cost). In total, the 2 standard 10/100 interfaces may be replaced with 8 10/100/1000 interfaces.
(2) Each Fiber Gigabit interface (Base-SX) may be replaceable with an optional quad 10/100/1000 interface card (at extra cost). In total, the 2 standard Fiber Gigabit (Base-SX) cards may be replaced with 8 10/100/1000 interfaces. Note: the Fiber Gigabit cards are multimode (Base-SX) LC connectors only. If single mode is needed the user will need an external converter.
(3) The IDP-10 supports 20 MB/Sec of continuous throughput, however it can handle bursts at full line-speed.
(4) As tested with IDP 3.0 software.
(5) Requires NetScreen-IDP Bypass unit, which is purchased separately.
(6) Requires third-party Bypass unit, which is purchased separately

GUI Client Platform Requirements

(Based on IDP 3.0r2)

The client application is a Java-based application that runs on Windows2000, NT, XP and Linux RedHat 8 or RHEL 3 AS, ES, WS. JRE version 1.4.1 is included. Recommended capacities (min): 256 MB (IDP 2.1), 512 MB (IDP 3.0)

Management Server Platform Requirements

(Based on IDP 3.0r2)

IDP Management software runs on either Solaris 8 and 9 or Linux RedHat 7.2/8 or RHEL 3 AS, ES, WS. Recommended processor: 1GHZ (Linux), 400 MHZ (Solaris). Recommended capacities (min): 1GB RAM and 1B GB hard disk.

Product	Part Number
NetScreen-IDP 10 Intrusion Detection and Prevention Appliance	NS-IDP-10-003
NetScreen-IDP 100 Intrusion Detection and Prevention Appliance	NS-IDP-100-002
NetScreen-IDP 500 Intrusion Detection and Prevention Appliance	NS-IDP-500-002
NetScreen-IDP 1000 Intrusion Detection and Prevention Appliance	NS-IDP-1000

Accessories

NetScreen-IDP Bypass Fail-Open Device (IDP-10 and IDP-100 only)	NS-IDP-BYP
NetScreen-IDP Fiber Gigabit NICs (set of 2 Cards)*	NS-IDP-GB
NetScreen IDP Dual Fiber Gigabit NIC ***	NS-IDP-GB2
NetScreen-IDP Quad 10/100/1000 NIC**	NS-IDP-QUAD-NIC
NetScreen-IDP Redundant Hard Drive (IDP 100 only)	NS-IDP-HD-002
NetScreen-IDP AC Power Supply (IDP 100 only)	NS-IDP-PWR-AC-002
NetScreen-IDP Rapid Rail Kit	NS-IDP-RCK-01
NetScreen-IDP Chatsworth Rail Kit	NS-IDP-RCK-02

*For NetScreen-IDP 100 only
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***For NetScreen-IDP 500/1000 Only

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110010-006 August 2004