TippingPoint 330 Intrusion Prevention System

Protecting today's complex networks from real-world threats requires the depth of traffic inspection and the breadth of network deployment options that TippingPoint is known for in the industry. TippingPoint has expanded its product line so IT and security administrators have the tools needed to extend deep packet inspection to all vulnerable areas of the network at speeds from 20Mbps to 20Gbps. For 300Mbps protection at the perimeter, between network zones, or elsewhere, the TippingPoint 330 IPS sits in-line, blocking malicious and unwanted traffic, while allowing good traffic to pass unimpeded. TippingPoint is unrivaled in security, reliability, performance and ease of use.

Features and Benefits

- Comprehensive Protection
- Unmatched Filter Accuracy
- Industry Leading Filter Timeliness
- Zero-Day Protection
- Traffic Rate Shaping
- Virtual Patching Protects PCs and Servers
- Easy to Install and Manage
- Deploys in Minutes
- No Local Configuration Required
- Easy Remote Management

Unparalleled Reliability and Performance

The TippingPoint 330 is optimized for performance and reliability at 300 Mbps with very flexible deployment options. For perimeter protection, the solution can be deployed in front of or behind a router/firewall to immediately protect the network and applications from inbound threats. Deployment between network zones provides isolation and protects sensitive zones from internal attacks.

The TippingPoint 330 is designed to preserve availability, performance and security for enterprises and service providers alike. It gives service providers more flexibility for general or dedicated protection for their customers' assets. The TippingPoint 330 also has integrated Zero Power High Availability (ZPHA), so that a simple power failure does not cause a network outage. The TippingPoint 330 complements the other TippingPoint IPS solutions, which provide network protection from high bandwidth locations like the core to low bandwidth locations like remote offices.

Industry Leading Security Coverage

The TippingPoint 330 receives automated security updates from TippingPoint's Digital Vaccine® Service, ensuring evergreen protection against emerging threats. Digital Vaccines are created not only to address specific exploits, but also potential attack permutations, protecting customers from zero-day threats. Digital Vaccines are delivered to customers regularly and can be deployed automatically with no local user interaction.

Like all of TippingPoint's industry leading IPS solutions, the TippingPoint 330 provides comprehensive flow inspection through Layer 7 to cleanse Internet and Intranet traffic and eradicate attacks before damage occurs. In fact, TippingPoint IPS solutions are known for their pinpoint accuracy in blocking attacks meaning no legitimate traffic is blocked.

TippingPoint IPS solutions protect a broad range of network infrastructure including routers, switches, DNS and e-mail servers, Web and enterprise application servers, and much more. TippingPoint provides the best vulnerability coverage in the IPS industry including protection of Cisco, Microsoft, Sun O/S, EMC, SAP, CA, Mozilla, Novell, Oracle, Apple O/S, Citrix O/S, Adobe, IBM, and many other enterprise application vulnerabilities.

Reduced Overall Costs and Complexity

TippingPoint Intrusion Prevention Systems block attacks and allow IT staff to spend time on strategic projects instead of reacting to remote security breaches on hosts and workstations. The TippingPoint 330 provides network segmentation to stop the spread of malicious traffic from infected users, while notifying the administrator where attacks are originating.

The TippingPoint 330 also provides traffic management to stop bandwidth hogging applications like Peer-to-Peer and Instant Messaging. In short, TippingPoint solutions decrease IT security cost by reducing time spent on ad-hoc patching and alert response, while simultaneously increasing IT productivity

TippingPoint®

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Key IPS Features

High Availability and Stateful Network Redundancy

- Layer 2 Fallback
- Integrated Zero Power High Availability
- Auto Filter Control
- Link Down Synchronization
- Transparent to Router Protocols

Client and Server Protection

- Prevent Attacks on Vulnerable Applications & Operating Systems
- Eliminate Costly Ad-Hoc Patching
- Multiple Filtering Methods

Traffic Normalization

- Increase Network Bandwidth and Router Performance
- Normalize Invalid Network Traffic
- Optimize Network Performance

Network Infrastructure Protection

- Protect Cisco IOS, DNS and Other Infrastructure
- Access Control Lists

Application Performance Protection

- Increase Bandwidth and Server Capacity
- Rate-Limit or Block Unwanted Applications (P2P/IM)
- Ensure Bandwidth for Critical Applications

Digital Vaccine® Real-Time Filter Service

- World-Renowned Security Research Team
- Protection Against Zero-Day Attacks
- Automatic Distribution of Latest Filters

Enterprise Security Management System (SMS)

- Manage Multiple TippingPoint Systems
- At-A-Glance Dashboard
- Automatic Reporting

Comprehensive Threat Protection

Filter Categories

Worm, Virus, Phishing, Spyware, Trojan, Suspicious, P2P, Reconnaissance, Bandwidth Hijacking, IM, Walk-in Worm, Blended Threats, VoIP, Backdoor, OS Vulnerabilities

Protocols / Applications (Partial List)

IP, RPC, FTP, DNS, MPLS, Telnet, VLAN, SMB, SMTP, IMAP, ICMP, UDP, TCP, HTTP

Actions

Block, Permit, Copy, Alert, Log, E-mail, Responder (Quarantine), Rate Limit

Messaging

E-mail, Script, Pager, Syslog, SNMP

TippingPoint 330 Technical Specifications		
Performance	**Inspection Throughput**	• 300 megabits per second
	Typical Latency	• < 600 microseconds
	Total Sessions	• 250,000
	Connections / Second	• 18,500
	Invalid SYNs/Second Under SYN Flood	• 130,000
Hardware Specifications	**Scalability**	• 8x10/100/1000BaseT (4 segments)
	Power – AC	• 100-240 VAC universal, 50-60 Hz • Maximum Power Consumption: 121W or 412 BTU/hour
	Physical Dimensions	Height (in): 1.74 in. Height (cm): 4.42 cm Width (in): 16.75 in Width (cm): 42.55 cm Depth (in): 18.25 in Depth (cm): 46.35 cm
	Weight	Weight (lb): 15 lbs Weight (kg): 6.8 kg
Environmental	**Temperature**	• Operating :0° to 40°C (32° to 104°F) • Storage: -20° to 85°C (–4° to 185°F)
	Relative Humidity	• 0% to 95% (non-condensing)
Certifications	**Safety**	• UL60950-1 Standard for Safety of Information Technology Equipment • CSA 22.2- 60950-1 • EN60825: Safety of Laser Products • EN60950-1 • IEC60950-1 • ROHS Compliance
	Immunity	• EN-61000-3-2: Harmonic Emissions • EN-61000-3-3: Voltage Fluctuations and Flicker • EN-61000-4-2: ESD Immunity • EN-61000-4-3: Radiated Immunity • EN-61000-4-4 EFT: Burst Transients • EN-61000-4-5: Surge Protection • EN-61000-4-6: Injected RF • EN-61000-4-11: Dips and Sags
	Emissions	• FCC Class B: Regulations for Radio Frequency Devices for Electromagnetic Compliance • ICES-003, Class B • EN 55022 Class B • VCCI Class B • AS/NZS-3548 Class B
Warranty	The standard warranty is for a 12-month period.	
Support	Phone support and training courses are available from TippingPoint.	

through bandwidth savings and protection of critical applications.

Easy to Manage

The TippingPoint 330 is easily installed in remote office networks by local personnel in minutes and immediately begins filtering out malicious and unwanted traffic. The IPS is deployed seamlessly with no IP or MAC address configurations. All systems ship with "Recommended Settings" meaning no "out-of-the-box" configurations are required locally.

Once installed, the TippingPoint 330 is easily managed with the TippingPoint Security Management System (SMS) that discovers, monitors, configures, diagnoses and reports on multiple IPS systems. Every TippingPoint 330 has an embedded Local Security Manager (LSM) and Command Line Interface (CLI) that provide local administration, configuration and reporting.

Demonstrate Best Practices for Compliance

TippingPoint IPS solutions can be a critical component in any IT compliance program. Today's organizations have to deal with increasingly stringent security policies in the face of an ever changing threat landscape, and increasing regulatory requirements. In the face of these stringent security policies and other regulatory demands, TippingPoint IPS provides automated enforcement of network security policies. Reporting from the IPS and SMS show internal and external auditors the network is protected from the latest threats.

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401211-001 09/09