

Check Point Sets New Standard in Latest 3rd-Party Group IPS Test

IPS Software Blade Outperforms the Competition, Blocking 97.3% of Real-World Threats in Most Recent IPS Test by NSS Labs

EXECUTIVE SUMMARY

On Tuesday, January 4th 2011, Check Point [announced](#) that it completed the industry's most rigorous 3rd-party IPS testing by NSS Labs. In the most recent NSS Group IPS test, the Check Point IPS Software Blade and Power-1 Appliance scored a near-record high 97.3% accuracy and block rate—all while achieving multi-Gigabit performance. These results are not only near-record-breaking when compared with standalone IPS vendors, but they are unprecedented for an integrated, next-generation firewall. As such, Check Point has set a new standard in the industry with these results for integrated IPS.

Highlights of the NSS Group IPS Test Report for the Check Point IPS Software Blade include:

- Near-record industry best 97.3% security effectiveness
- Multi-Gigabit rated throughput of 2.4Gbps—unprecedented for integrated IPS
- 100 percent anti-evasion coverage

ABOUT NSS LABS' GROUP IPS TEST

NSS Labs is the world's leading independent information security research and testing organization. Having pioneered the first intrusion detection and prevention system testing in 1991, the firm's real-world test methodology is the only one to assess security products against live Internet threats. NSS Labs' tests are considered the most aggressive in the industry and its recommendations are highly regarded by enterprises and analysts alike.

Group IPS Test Methodology

NSS Labs' Group IPS Test is designed to address the challenges faced by IT professionals in selecting and managing network IPS security products. The scope of the testing and report is focused on 3 key areas:

- Security Effectiveness
- Performance
- Total Cost of Ownership (unique to NSS)

Security Effectiveness Testing: This testing leverages live exploits and deep expertise to generate the same types of attacks used by modern cyber criminals. With 1,179 live exploits—and utilizing multiple commercial, open source and proprietary tools—this is the industry's most comprehensive IPS test to date.



Performance Testing: This is designed to test the inverse correlation between security effectiveness and performance. The more deep-packet inspection is performed, the fewer packets can be forwarded. NSS Labs utilizes a range of traffic types and mixes to benchmark performance while considering the real-world traffic mix an IPS device will encounter.

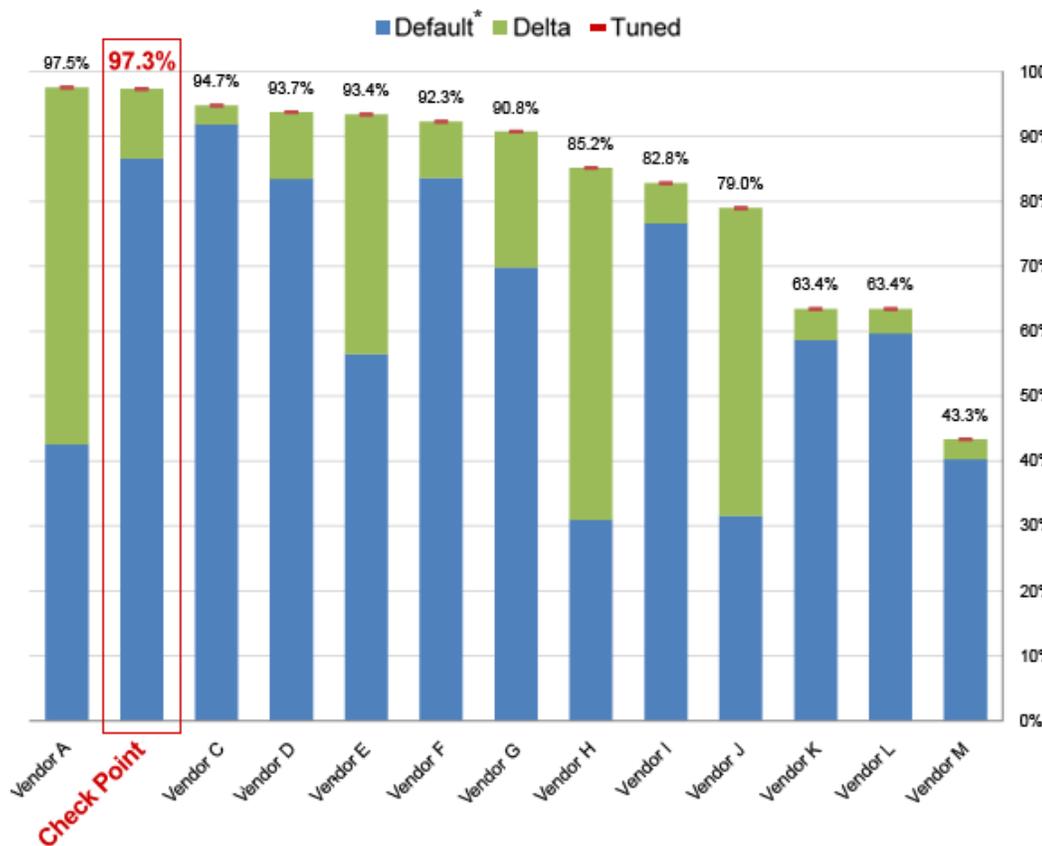
Total Cost of Ownership (TCO): In order to capture the relative value of devices on the market and facilitate such comparisons, NSS Labs has developed a unique metric to enable value-based comparisons. Measurements for this area include 1) Price per protected megabit/sec; 2) Labor per product (in hours) and 3) Purchase price and total cost of ownership (1-3 years).

GROUP IPS TEST RESULTS

Check Point leads all other vendors—except Sourcefire—with an industry-best 97.3% Security Effectiveness score. Combined with an unprecedented rated throughput of 2.6Gbps (default) and 2.4Gbps (tuned), Check Point has set a new standard for integrated IPS.



Overall Achievable Block Rate



The Check Point IPS Software Blade outperformed nearly every vendor in overall accuracy and blocking—including an 86.6% out-of-the-box security effectiveness score.

Source: NSS Labs IPS Group Test, Q4 2010

* 'Default' in legend above represents Check Point 'Recommended' profile



WHAT NSS SAID

“Security effectiveness was excellent. Using the default policy, the Power-1 11065 blocked 86.6% of attacks. [After tuning] the effectiveness improved by 10.7% to 97.3%... the Check Point Power-1 11065 correctly identified 100% of our evasion attempts...”

“Check Point’s management interface was well designed and intuitive. For users of Check Point firewalls, there will not be much of a learning curve. Tuning and maintenance is simple and well-thought out.”

“For existing Check Point customers, upgrading the license of Power-1 to include the IPS Blade costs an additional \$3,000 per year — an industry-leading bargain at \$13 per Mbps — protected.”

KEY POSITIONING

- In addition to Check Point’s unprecedented security effectiveness and performance scores, the IPS Software Blade delivered exceptional results in other key test categories, including: 1) Second highest tuned client protections at 98.1%; 2) Best default server protections at 90.3%; 3) Best tuned server protections at 96.4% and 4) Lowest annual labor cost to maintain
- Check Point IPS Software Blade earned the “NSS Recommended” rating — beating all other vendors (except Sourcefire) with an industry-best 97.3% Security Effectiveness score. When combined with our rated throughput 2.4Gbps, it confirms our position as the only vendor to deliver **uncompromised security AND performance** on a multi-function, next-generation firewall (as defined by Gartner).
- In October of last year, Check Point catapulted to the Leader Quadrant in the inaugural Gartner UTM Magic Quadrant. Once again, Check Point has leap-frogged the competition and skyrocketed to a leadership position — this time in the highly competitive, \$1.4 billion IPS market.
- In the December 2010 Gartner IPS Magic Quadrant, Gartner said:

“Recent independent testing has demonstrated that the security effectiveness and performance of the IPS portion of an NGFW can match that of stand-alone IPS devices... it is likely that the above [integrated IPS] objections will be eliminated more rapidly than originally thought.”

With these unprecedented results, Check Point has validated Gartner’s statement with resounding impact and might — changing the game in both stand-alone IPS and integrated IPS on a next-generation firewall solution.

- Combined with the recent availability of R75 — which delivers unrivaled visibility, control and protection — Check Point now leads the market with the most comprehensive set of integrated Software Blades on a single multi-function firewall solution, including:
 - **Identity Awareness Software Blade** for network-wide identity and user awareness
 - **Application Control Software Blade** for control of over 90,000 applications and widgets — while leveraging the industry’s largest library
 - **DLP Software Blade** for protection of sensitive data and real-time prevention of data breaches
 - **Additional Software Blades** — including market-leading Firewall, IPS, VPN, URL Filtering and more



CALL-TO-ACTION

- We've heard loud and clear that 3rd-party validation of Check Point's IPS Software Blade is critical in our efforts to displace the competition, extend our leadership position and capture more market share. Our IPS Group Test results and "NSS Recommended" rating will help you crush the competition, seize the leadership position and win more deals!
- Use this opportunity as a reason to contact new and existing Check Point customers to discuss Check Point's leadership in IPS, DLP, Application Control and Identify Awareness on a single, integrated next-generation firewall
- Combine the NSS Labs IPS Report for Check Point with all of the R75 enhancements to demonstrate Check Point's excellence, leadership and proven security

SUMMARY

Check Point set a new standard for IPS in the latest NSS Labs Group IPS Test, earning the "NSS Recommended" rating and achieving a 97.3 percent score in security effectiveness. The IPS Group test was the most rigorous 3rd-party IPS testing to date by NSS Labs. In addition to the industry-high 97.3% accuracy and blocking result, the Check Point IPS Software Blade and Power-1 Appliance achieved a rated, multi-Gigabit throughput of 2.4Gbps. These results are not only near record-breaking when compared with all leading stand-alone IPS vendors, but they are unprecedented for an integrated and multi-function next-generation firewall.

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