



We Test. You Trust.

Tim Otto, VP of Test Operations

What We Do

- CyberRatings.org is a member driven nonprofit dedicated to providing empirical data about the efficacy and performance of security products.
- Our research and testing offerings include both in-depth test reports and ad-hoc testing services.
- We conduct our tests at the highest technical standards with meaningful independence.

The Test Infrastructure Matters

- **Live, real-time testing** of malware, exploits, URLs
- **4,000+ exploits in library**, covering a wide range of vulnerabilities in different protocols, products, operating systems, and applications
- **12,000+ evasions** that disguise and modify attacks to avoid detection by security products
- **100,000+ simultaneous VMs** for emulating large environments
- **1,000,000+ fresh malware samples** per month
- **Multiple terabits** of performance



Why Test?

Vendors

- Establish credibility from an unbiased source
- Differentiate from competition and raise customer awareness
 - Reduces the number of PoC evaluations
 - Shortens the sales cycle
 - Enables vendors to focus on their unique value proposition
- Guidance on improving products

Enterprises

- Visibility into product efficacy
- Audit exposure and risk
- Guidance in selecting and managing security products
- Confidence in their security infrastructure

Without testing, gaps in security coverage can remain undiscovered for long periods of time.

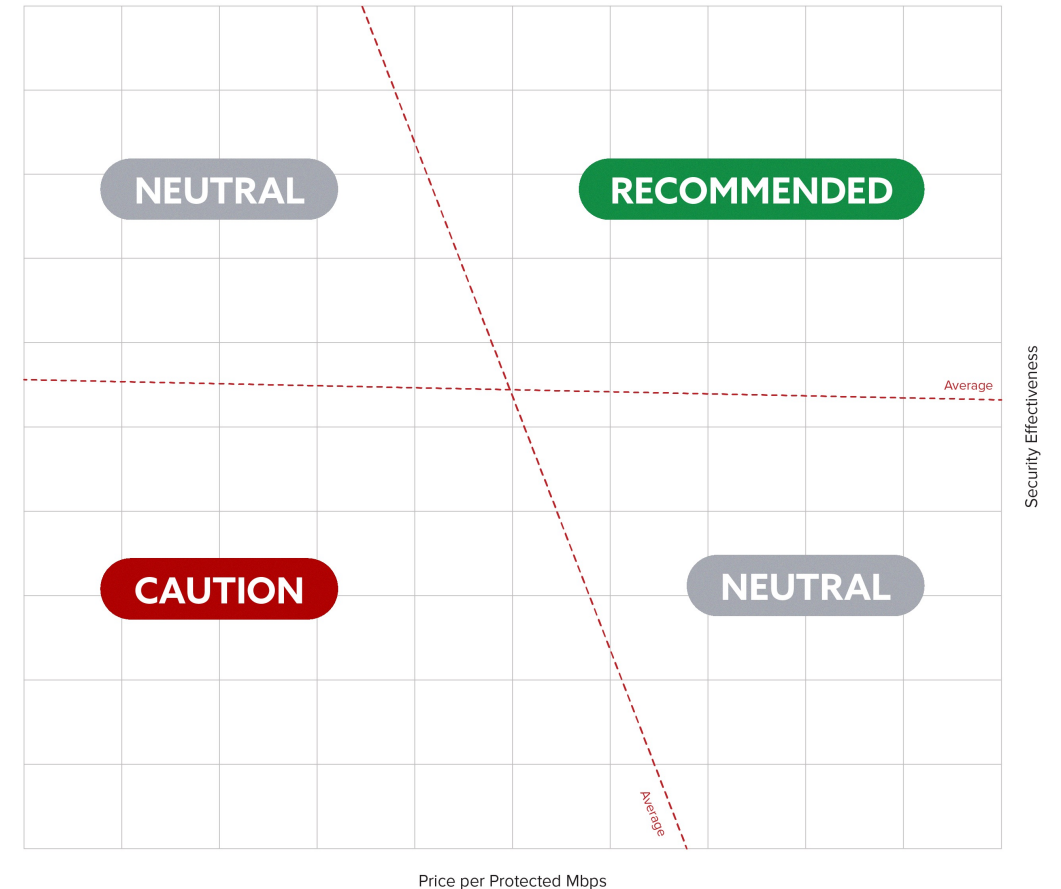


About Group Tests

- We publish:
 - Proprietary **methodologies**
 - In-depth **individual product reports**
 - **Comparative test reports** that highlight key findings for specific technology sectors
 - Comparative Security Value Map (**SVM**)
- Ratings are Recommended, Neutral or Caution

Currently Under Test:

- Cloud Network Firewall (published last week)
- Enterprise Firewall (coming soon)
- SASE (SD-WAN + ZTNA + SSE)



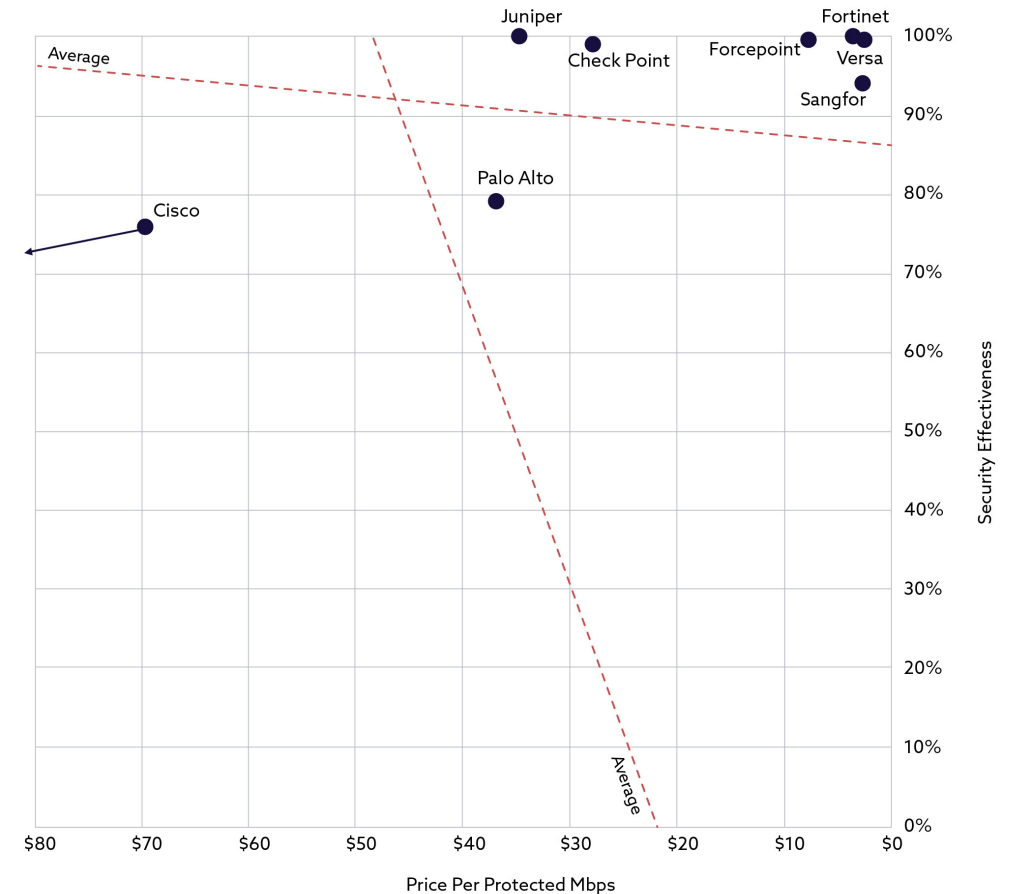
2023 Enterprise Firewall (NGFW)

In The Report

- Security effectiveness
- Stability and reliability
- Performance
- Total cost of ownership (TCO)

How Did Versa Networks Perform?

- Security Effectiveness: 99.48%
- Rated Throughput: 12,160 Mbps
- Rating: **Recommended**



Access the full detailed report on Versa Networks' website.



2023 ZTNA

In The Report

- Policy Enforcement and Access Control
- Authentication via integration with Identity Providers (IdP) + ZTNA
- SSL/TLS Functionality
- Routing Functionality
- Reporting Capabilities
- Management Capabilities
- Decryption Validation and Bypass Exceptions
- Performance Impact

How Did Versa Networks Perform?

- Rated Throughput: 930 Mbps
- Rating: **Recommended**

Access the full detailed report on Versa Networks' website.



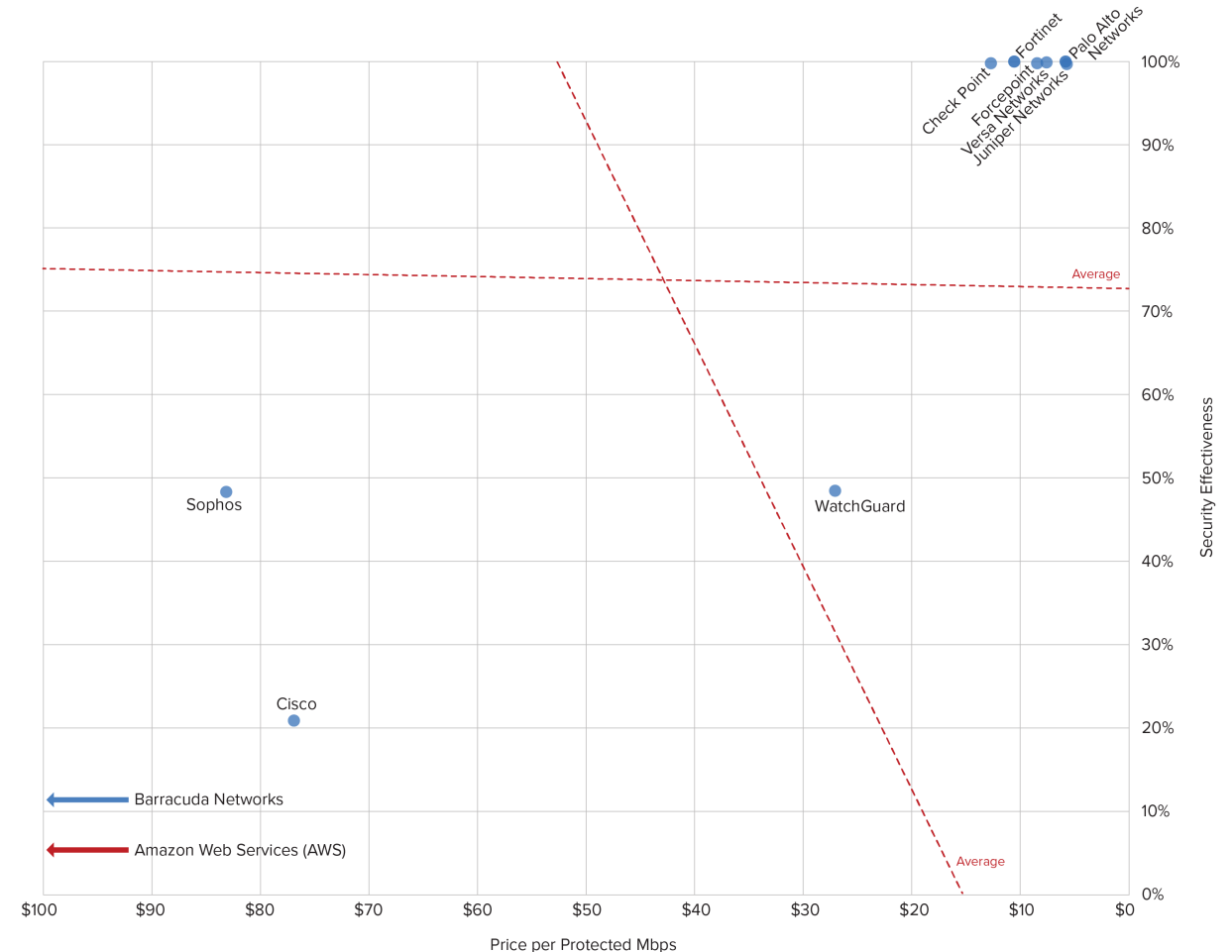
2024 Cloud Network Firewall

In The Report

- Routing & Access Control
- TLS/SSL Functionality
- Threat Prevention
- Performance
- Stability & Reliability
- Total Cost of Ownership

How Did Versa Networks Perform?

- Security Effectiveness: 99.90%
- Rated Throughput: 2,553 Mbps
- Rating: **Recommended**



Access the full detailed report on Versa Networks' website.



2024 Cloud Network Firewall

Key Findings

As we expected, the cloud firewalls we recommended blocked a high percentage of attacks. Protecting servers is easier than protecting clients.

- Many firewall evasion defenses are **not on by default**, potentially leaving customers at significant risk.
 - We have published guidance on cloud network firewall configuration and deployment with observations from our recent group test.
- **Encryption matters:** Roughly 80% of web traffic is encrypted. The top four cipher suites account for over 95% of HTTPS traffic.
- The Amazon Web Services (AWS) Network Firewall Advanced Inspection is not working properly.



Q&A

www.cyberratings.org

