Intelligent Vulnerability Detection and Protection for Web Applications

Trend Micro Web App Security as a Service & Citrix NetScaler Application Firewall

Trend Micro Web App Security as a Service identifies vulnerabilities in web applications and the platforms they are deployed on, and together with Citrix NetScaler Application Firewall, shields these vulnerabilities before they can be exploited. This integrated solution eliminates false positives and the operational pains of emergency patching, application updates and costly system downtime. It also helps ensure compliance with PCI DSS, HIPAA and other regulations and standards, while simplifying security audits.

As organizations rely more and more on web applications to deliver services to their employees, partners and customers, the threat landscape broadens and the security challenges they face become increasingly complex. Further compounding the security challenge is that web applications are accessed in the data center and in the cloud via a variety of traditional and new mobile devices.

Standard approaches to vulnerability scanning detect basic low-level network attacks whereas today's threats are sophisticated and varied. In addition, if testing is done at the application level, it is performed infrequently, allowing vulnerabilities to accumulate and the risks to increase.

The reality is that most organizations face threats that are difficult to detect and protect against, and it becomes costly and time consuming to deal with false positives and to continuously guard against security threats.

Trend Micro Web App Security combined with Citrix NetScaler Application Firewall addresses these issues.
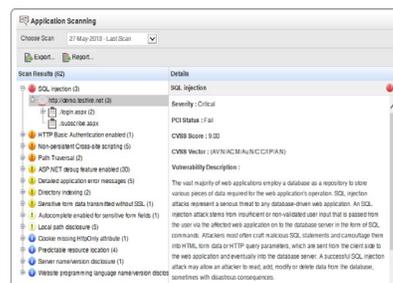
Trend Micro Web App Security

To protect customers in today's complex threat environment, Trend Micro has developed the first comprehensive suite of security capabilities especially designed to detect vulnerabilities and protect web applications in a single integrated offering. Trend Micro Web App Security as a Service delivers web application threat detection and protection with:

- **Complete Intelligent Application Testing** for today's complex threat environment. By using both automatic scanning and expert testing, web applications can be protected continuously against the most complex attacks while avoiding false positives that often bog down the security team.

- **Integrated Detection and Protection** to minimize the time to respond to security threats with the ability to quickly block new attacks without the delays of patching the current infrastructure or updating the application.

- **Unlimited SSL certificates** are included in the service to protect and secure all web applications and increase customer trust

Comprehensive Application Scanning with False Positive Removal

Trend Micro Web App Security is delivered as a Security as a Service offering to allow for fast setup and easy management.
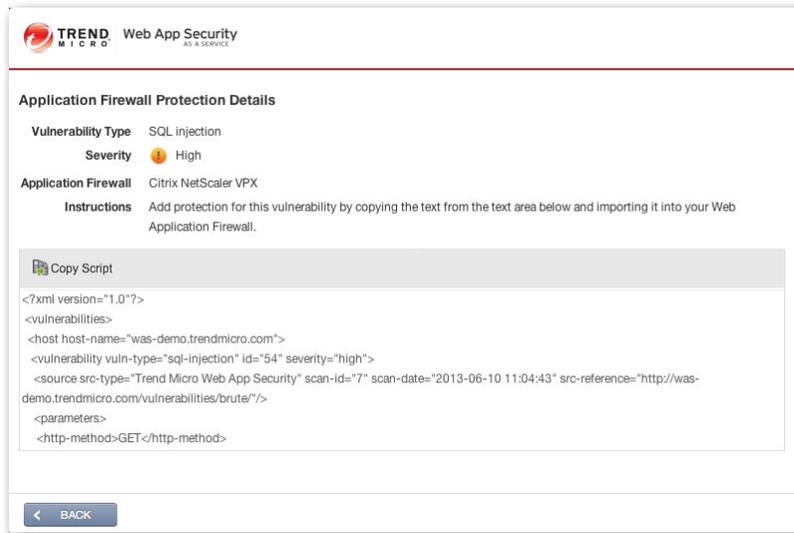
Over 70 percent of successful Internet attacks now exploit application vulnerabilities. Together, Citrix and Trend Micro enable organizations to block the broadest range of known and zero-day web application attacks including:

- Cross-Site Scripting
- Cross-Site Request Forgery
- SQL Injection
- XML Security
- Buffer Overflow
- Data Theft
- Additional known and unknown attacks

Native Rule Export for Citrix NetScaler VPX

Citrix NetScaler Application Firewall

Citrix® NetScaler Application Firewall is a comprehensive ICSA certified web application security solution that blocks known and unknown attacks against web and web services applications. NetScaler Application Firewall enforces a hybrid security model that permits only correct application behavior and efficiently scans and protects known application vulnerabilities. It analyzes all bi-directional traffic, including SSL-encrypted communication, to protect against a broad range of security threats without any modification to applications.

NetScaler Application Firewall Delivers PCI-DSS v.2.0 Compliance

- Protects credit and debit card account numbers to comply with the Payment Card Industry Data Security Standards.

- Prevents data losses for which government regulations require customer notification.

- Simplifies desktop management.

- Protects online revenue sources.

- Ensures uptime of web sites and web services by defeating L7 denial of service (DoS) attacks.

- Application learning ensures protection without false positives.

- Maintains trust relationship between consumer and vendor by preventing cross-site scripting (XSS) and cross-site forgery attacks.

The Integrated Solution

Trend Micro Web App Security identifies vulnerabilities in web applications and the platforms they are deployed on by combining the convenience of cloud-based vulnerability scanning of platform and application components with the rigor of hands-on security expert business logic testing and false positive removal. Trend Micro Web App Security detects the application vulnerabilities and creates an output file that is exported to Citrix NetScaler Application Firewall (WAF), which converts the vulnerabilities to AppFW rules. These rules can then be applied to shield against application exploits before code and configuration fixes can be completed.

Key Benefits:

- Shields vulnerabilities before they can be exploited.
- Eliminates the operational pains of emergency patching, application updates and costly system downtime.
- Quickly protects against identified web application vulnerabilities without involving or impacting application development time lines.
- Results in fewer false positives that otherwise consume substantial time and effort to investigate.
- Dramatically reduces the time to resolve vulnerabilities from the industry-average of 193 days.
- Helps ensure compliance with PCI DSS and other regulations and standards, while simplifying security audits.

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Santa Barbara, CA, USA

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About Citrix Ready

Citrix Ready identifies recommended solutions that are trusted to enhance the Citrix Delivery Center infrastructure. All products featured in Citrix Ready have completed verification testing, thereby providing confidence in joint solution compatibility. Leveraging its industry leading alliances and partner eco-system, Citrix Ready showcases select trusted solutions designed to meet a variety of business needs. Through the online catalog and Citrix Ready branding program, you can easily find and build a trusted infrastructure. Citrix Ready not only demonstrates current mutual product compatibility, but through continued industry relationships also ensures future interoperability. Learn more at **www.citrix.com/ready**.

About Trend Micro

As a global leader in cloud security, Trend Micro develops security solutions that make the world safe for businesses and consumers to exchange digital information. With more than 25 years of experience, Trend Micro delivers top-ranked security that fits customers' needs, stops new threats faster, and protects data in physical, virtualized, and cloud environments. Take advantage of a free trial at **was.trendmicro.com**.