Check Point
SOFTWARE TECHNOLOGIES LTD.
We Secure the Internet.

Antivirus Software Blade
Extended Malware Protection—
Powered by ThreatCloud™

Antivirus Software Blade

YOUR CHALLENGE

Modern malware is evolving at an extremely rapid paced. In fact, a new malware is created nearly every second. Due to the dynamic landscape of ever-growing variants of malware, traditional antivirus solutions are becoming less effective. In addition, companies often fight the same attack separately. Global collaboration is needed to efficiently detect and stop emerging threats.

PRODUCT DESCRIPTION

The Check Point Antivirus Software Blade helps keep your edge against the growing number of threats. Using a continually updated list of antivirus signatures and anomaly-based protections from ThreatCloud™, the largest real-time security threat knowledgebase from the cloud, the Antivirus Software Blade detects and stops malware at the gateway before they can affect users.

OUR SOLUTION

Check Point Threat Prevention Solutions, including the Antivirus Software Blade, are powered by ThreatCloud™, which feeds the security gateway with up-to-the-second security intelligence with over 250 million addresses analyzed for bot discovery, over 4.5 million malware signatures and over 300,000 malware infested websites.

THREATCLOUD

ThreatCloud is the first collaborative network to fight cybercrime. It delivers real-time dynamic security intelligence to security gateways. That intelligence is used to identify emerging outbreaks and threat trends. ThreatCloud powers the Antivirus Software Blade allowing gateways to investigate in real-time 300X more malware signatures than previous versions.

ThreatCloud's knowledgebase is dynamically updated using attack information from worldwide gateways, feeds from a network of global threat sensors, Check Point research labs and the industry's best malware feeds. Correlated security threat information is then shared among all gateways collectively.

FEATURES

Powered by ThreatCloud™

ThreatCloud is the first collaborative network to fight cybercrime that feeds security gateway software blades with real-time security intelligence

- 250 million addresses analyzed for bot discovery
- 4.5 million malware signatures
- 300,000 malicious websites

Complete Antivirus Solution

- Integrated threat prevention in a single gateway
- Up-to-the-minute protection from incoming malicious files
- Unified protection and management integrated with the Anti-Bot Software Blade
- Available on every gateway
- Centrally managed from a single, user friendly console

BENEFITS

- Prevent damage from malware attacks by stopping them at the gateway
- Keep up with the ever-changing dynamic threat landscape with real-time intelligence from ThreatCloud, offering 300X more signatures than previous versions
- Identify unknown malware by analyzing suspicious files in a secured environment
- View and manage threats with integrated threat reports and dashboards

softwareblades™

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Stop Incoming Malicious Files

Check Point Antivirus Software Blade prevents and stops threats such as malware, viruses, and Trojans from entering and infecting a network. Multiple malware detection engines are utilized to protect your network, including signature and behavioral engines. Malware is identified as it attempts to get into or out of your network.

Prevent Access to Malicious Websites

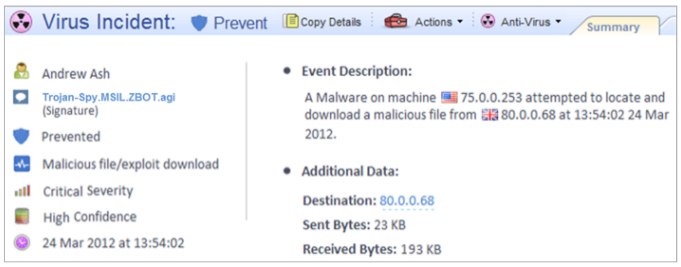
The Antivirus Software Blade scans outbound URL requests and ensures users do not visit websites that are known to distribute malware. The gateway information is updated in real-time with over 300,000 sites from the ThreatCloud.

Discover and Block Unknown Malware

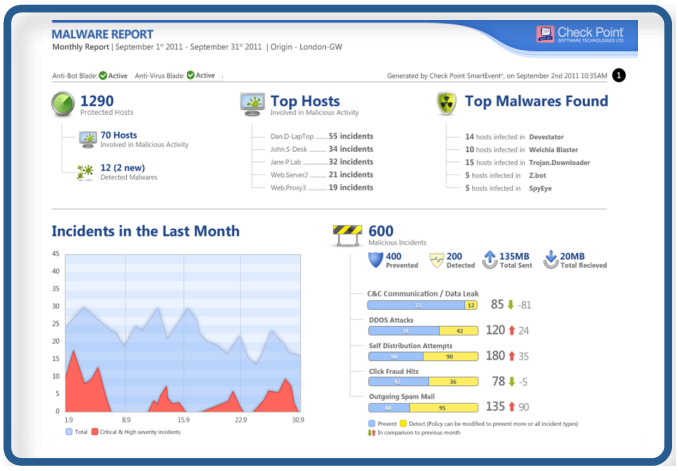
The Antivirus Software Blade can be configured to detect suspicious executables that may be malicious. By starting these suspected files in a secured, sandboxed environment, the Antivirus Software blade can determine if the executable is malicious by monitoring activities such as attempting to change an operating system or registry files. If the file is determined as malicious, the file is blocked from entering the network.

Unified Malware and Bot Protection

The Antivirus Software Blade is unified with the Anti-Bot Software Blade to give both pre-and post-infection protection to organizations and provide multi-layered threat prevention. Administrators can manage unified policies and reports all in a single user interface.



Extensive Forensics.



View the "big malware picture" with integrated threat reports.

Integrated into Check Point Software Blade Architecture

The Antivirus Software Blade Software Blade is fully integrated into the Software Blade architecture, saving time and reducing costs by allowing customers to quickly expand security protections to meet changing requirements. It can be easily and rapidly activated on existing Check Point Security Gateways saving time and reducing costs by leveraging existing security infrastructure. The Antivirus Software Blade is centrally managed enabling central policy administration, enforcement and logging from a single, user-friendly console.

SOFTWARE BLADE SPECIFICATIONS

Supported Appliance Families

- Check Point 2200, 4000, 12000, 21400 and 61000* Appliances
- Check Point Power-1
- Check Point IP Appliances
- Check Point UTM-1
- Check Point IAS

Supported Operating Systems

- GAiA
- SecurePlatform
- IPSO 6.2 Disk-based
- Windows

Antivirus Protection Protocols

HTTP, HTTPS, FTP, POP3 and SMTP

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CONTACT CHECK POINT

Worldwide Headquarters
5 Ha'Solelim Street, Tel Aviv 67897, Israel | Tel: 972-3-753-4555 | Fax: 972-3-624-1100 | Email: info@checkpoint.com

U.S. Headquarters
800 Bridge Parkway, Redwood City, CA 94065 | Tel: 800-429-4391; 650-628-2000 | Fax: 650-654-4233 | www.checkpoint.com

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