



## WebCheck – Browser Virtualization

Comprehensive web and browser security for endpoints

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### YOUR CHALLENGE

User's in today's organizational environment surf the web on a daily basis, putting your organization at risk for drive-by downloads, phishing and malicious sites, and other web-based attacks. Preventing users from accessing the internet or accessing the Internet only via a terminal server is a hindrance to productivity. The process of implementing safe guards and policies to prevent such attacks can be difficult and cumbersome for IT teams without central deployment and management. Even when such systems are deployed by IT, ensuring policy enforcement and software remains up to date with the latest threat information is another problem to consider.

### PRODUCT DESCRIPTION

The Check Point WebCheck Endpoint Software Blade protects the enterprise against the rising number of web-based threats. Known and unknown web threats, such as drive-by downloads, phishing sites and zero-day attacks, are isolated with browser virtualization technology, while advanced heuristics stop users from going to dangerous sites.

### OUR SOLUTION

The Check Point WebCheck Endpoint Software Blade protects the enterprise against the rising number of web-based threats. With features such as browser virtualization technology, known and unknown web threats, such as drive-by downloads, phishing sites and zero-day attacks, are isolated in a sandbox environment.

### Browser Virtualization

- The WebCheck Software Blade maximizes browser security by virtualizing the web browser environment and creating an isolated protected sandbox for it, separating it from the device's file system and registry system. Drive-by-download attacks will be contained in the virtualize environment, without an ability to install a rouge software and infect the device itself.

### PRODUCT FEATURES

- Browser virtualization means any outside or untrusted website is put in a virtual sandbox environment to prevent plug in and drive-by download vulnerabilities.
- Anti-phishing examination of websites and alerts when a user visits a website.
- Site reputation check alerts users when they visit a suspicious site.
- Centralized management of security policies via Endpoint Policy Management software blade with policy enforcement across multiple browsers, including Internet Explorer and Mozilla Firefox.

### PRODUCT BENEFITS

- Comprehensive web and browser security end points that includes protection from drive-by downloads, web-based threats, advanced anti-phishing, and site alerts to users.
- Integration with Check Point Software Blade Architecture for a single-console, centrally-managed endpoint solution.
- Centrally manage and deploy WebCheck with other Check Point Software Security Blades.



### Anti-Phishing

- Signature matching and heuristics alert users to both known and unknown phishing pages. The Check Point heuristic detection engine identifies fraudulent copies of major financial, social networking, webmail and shopping sites.

### Site Status Check

- Warning users of suspicious or weak credentialed websites based on an examination of attributes of a website.

### Central Management

- The WebCheck Software Blade is centrally managed by the Endpoint Policy Management Software Blade, enabling central policy administration, enforcement and logging from a single, user-friendly console.

### Integrated into Check Point Software Blade Architecture

- The WebCheck Software Blade is fully integrated into the Software Blade architecture, saving time and reducing costs by allowing customers to quickly expand security protection to meet changing requirements.
- Additional Endpoint Security Software Blades: Desktop Firewall and Compliance Check, Antimalware and Program Control, Media Encryption and Port Protection, Full Disk Encryption, and Remote Access VPN.

### SOFTWARE BLADE SPECIFICATIONS

#### Browser Support

- Browser Protected by WebCheck**
- Internet Explorer 6 and above
  - Mozilla Firefox 2 and above

#### Client Platform Support

- Windows 7 (32 & 64 bit)
- Windows Vista (32 & 64 bit)
- Windows XP Pro (32-bit, SP2 and later)

#### Client Language Support

- English
- Japanese
- Chinese (simplified)

#### Management Platform

See Endpoint Policy Management Software Blade

### BROWSER PROTECTION

The WebCheck Endpoint Software Blade protects browsers from attacks in the following areas:

Browser Attack Target	Attack Vector
<b>External Browser Plug-in</b>	• Drive-by malware via plug-in outside browser (Flash, Acrobat, Office, etc.)
<b>Internal Browser Plug-in</b>	• Drive-by malware via plug-in inside browser
<b>Un-patched Vulnerabilities</b>	• Drive-by malware via browser holder
<b>Browser Helper Object (BHO)</b>	• Drive-by malware via plug-in outside browser

### ANTI-PHISHING – HEURISTIC PROTECTION

The WebCheck Endpoint Software Blade provides preemptive heuristic phishing protection for major web sites. Examples include:

Browser Attack Target	Attack Vector
<b>External Browser Plug-in</b>	• Drive-by malware via plug-in outside browser (Flash, Acrobat, Office, etc.)
<b>Banking</b>	• Bank of America • Wells Fargo
<b>Ecommerce</b>	• eBay • PayPal • Amazon
<b>Social Networking &amp; Webmail</b>	• MySpace • Yahoo Mail • MSN Hotmail

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