

Check Point + Wavecrest Computing

Advanced Web Analysis



Web access is now ubiquitous and considered an essential workplace “norm.” The web has also become the predominant route for attacks on enterprises. Attackers are targeting enterprise users by driving them to malware infested websites. Recent Check Point research found that in 86% of organizations, hosts are accessing a malicious website, doing so once every 24 seconds. As the sophistication level of attackers continue to rise, the role of the secure web gateway has become critical to protect against web-borne malware.

Web-Borne Malware Prevention

Check Point has been protecting customers from an ever-changing threat environment with innovative security for thirty years. One example is the Check Point Secure Web Gateway which delivers the protection required to defend against web-borne malware, the number one threat to organizations.

SOLUTION BENEFITS

- Identify and prevent web-borne threats
- Complete visibility into every aspect of enterprise web use
- Produces rapid, accurate, and actionable, manager-ready reports
- Schedule automatic delivery of reports via email in HTML, PDF, or CSV format
- Easily create custom reports that provide managers with exactly what they need
- Monitor bandwidth to identify which sites and users are high resource consumers
- Cyfin’s proprietary algorithm reduces the volume of data to review

Advanced Web Use Analysis

A key benefit of web security is having visibility into every aspect of web usage. Today, securing multiple devices from on-prem to cloud and IoT can generate voluminous amounts of data. In a typical enterprise, an intrusion detection system alone can produce more than 500,000 messages a day and firewalls can generate millions of log records a day. It is not humanly possible to scan all this data and even with automated log analysis, it is time-consuming to identify critical security incidents and to investigate them.

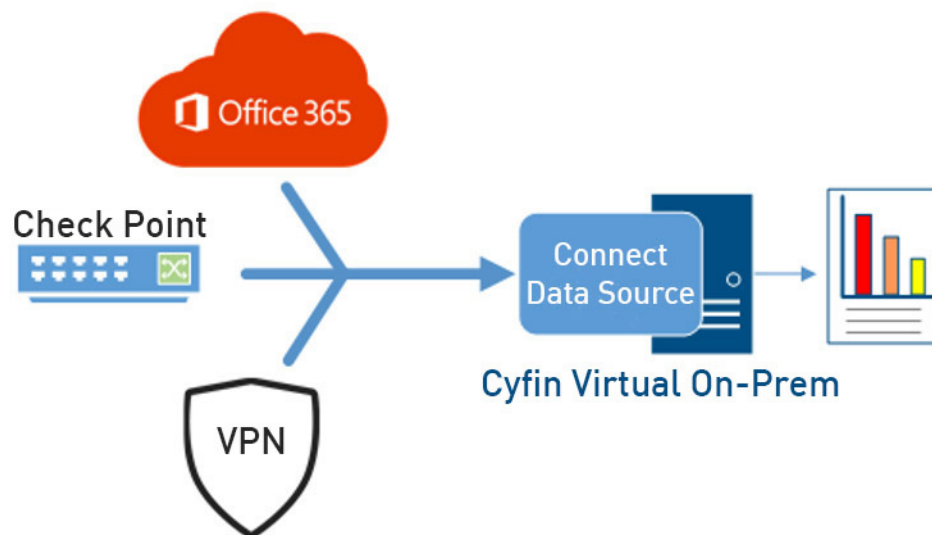
Check Point partners with Cyfin®, a recognized leader in user behavior analytics. Blending charts, graphs, and infographics make it easier for organizations to understand and interpret their data. Cyfin provides visibility to every aspect of enterprise Web-use activity with its Visualizer Dashboards, executive summaries, predefined reports, such as top users or sites, bandwidth, legal liability detail, and user audit details, as well as the benefit for managers to run selected user reports by department.

Cyfin will quickly and efficiently run a report for viewing all user searches or unacceptable visits, detection of anomalies and patterns, tracking virus-related Web traffic, evaluation of productivity for auditing or performance reviews, compliance with government and industry regulations such as CIPA and HIPAA, analyzing shadow IT, or use in forensic analysis. Run reports on demand or schedule for automatic distribution to management with an extensive selection of pre-designed reports. Cyfin's Visualizer provides concise, actionable information while also providing the ability to tailor the information with flexible distribution options.

Joint Solution

Cyfin syslog server is included at no additional cost in all Cyfin installs. Cyfin, along with data enriched Check Point log files, efficiently and accurately makes for an easy-to-manage, cost-effective log file analyzer and reporter.

Using Cyfin's Check Point syslog log file configuration, you specify the listening port that your Check Point syslog device will use to transfer the data to Cyfin. If you have more than one Check Point syslog device, point each device to the same listening port. Cyfin syslog server collects the log data from all your devices so that you can easily generate a single report in Cyfin solution.



System Architecture and Components

About Check Point

Check Point Software Technologies Ltd. (www.checkpoint.com) is a leading provider of cyber security solutions to governments and corporate enterprises globally. Its solutions protect customers from cyber-attacks with an industry leading catch rate of malware, ransomware and other types of attacks. Check Point offers a multilevel security architecture that defends enterprises' cloud, network and mobile device held information, plus the most comprehensive and intuitive one point of control security management system. Check Point protects over 100,000 organizations of all sizes.

About Wavecrest Computing

Wavecrest Computing, the makers of Cyfin, has been a recognized leader in user behavior analytics since 1996. Cyfin's scalable reporting and analysis is expertly designed to provide manager-ready, high-level and granular visibility over the organization's digital workload from multiple data sources. Wavecrest continues to advance the capability of Cyfin to better serve customers with greater functionality, accessibility, and interoperability – providing more business intelligence for greater productivity and profitability. Visit www.wavecrest.net to learn more.

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