
superloop
cyberhound
Advanced Web Security
CYBERHOUND

Industry Leading Web Security

Advanced Protection

Superloop's CyberHound Web Security delivers unmatched coverage and accuracy for the billions of URLs and IPs that comprise the Active Web. The service leverages machine learning and artificial intelligence (AI), alongside human-verification techniques to analyse URLs for content and malware to provide real-time protection from malicious websites and objectionable content. This includes dynamic page-level analysis for emerging threats.

The service is powered by a vast global network of 650+ million end users across the world that provides a continuous stream of URLs for analysis. Such deep visibility and understanding of the Active Web enables the service to provide the highest quality and accuracy for real-time URL categorisations and zero-day protection of emerging threats.

At A Glance

- Extensive global network of 650+ million end users.
- Unmatched coverage of 99.9% and accuracy of 99%+ for Active Web domains, sub-domains, full path URLs and IP addresses.
- Real-time Categorisation and Malicious Detection for Domains, URLs and IPs.
- 500 unique granular categories including topic-based, objectionable and malicious groups.
- AI powered detection for phishing URLs - including zero-day threats.
- Instant protection against emerging threats through real-time continuous updates.
- Daily revision of up to 300,000 malicious URLs.
- 100% coverage of Top 1 Million most visited websites.
- Support for over 200 languages.

CyberHound's Web Security delivers real-time protection from malicious websites and provides the highest level of categorisation accuracy.

Malicious Detection

CyberHound interrogates threats at the URL and IP level to identify malicious activities such as malware, phishing, fraud and spyware. The service is powered by a global network of more than 650 million users. This obtains a constant stream of URLs to analyse by combining static analysis, behavioural analysis, third party industry feeds, and human-supervised machine learning to deliver the most accurate malicious site detection.

Machine Learning

The service continuously samples malicious detections to profile, test, and validate threats. The results of this are then used to feed/train the supervised machine learning systems - as well as adjust and tune the efficiency, accuracy, and overall effectiveness of the malicious detection systems.

Phishing Detection

CyberHound Web Security delivers advanced protection from zero-day and zero-hour phishing URLs, campaigns and webkits. Our global intelligence network enables us to provide the most comprehensive and effective blocklist of phishing URLs that is updated hourly in order to provide maximum coverage and protection against emerging, zero-hour phishing threats.

Granular Controls

Thanks to an extensive global network CyberHound Web Security has a 99.9% coverage of Active Web URLs, including 100% of the top 1 million visited sites. Combined with an AI supported approach, CyberHound Web Security provides the most accurate (99%) in URL categorisation with the freshest and most comprehensive set of URLs.

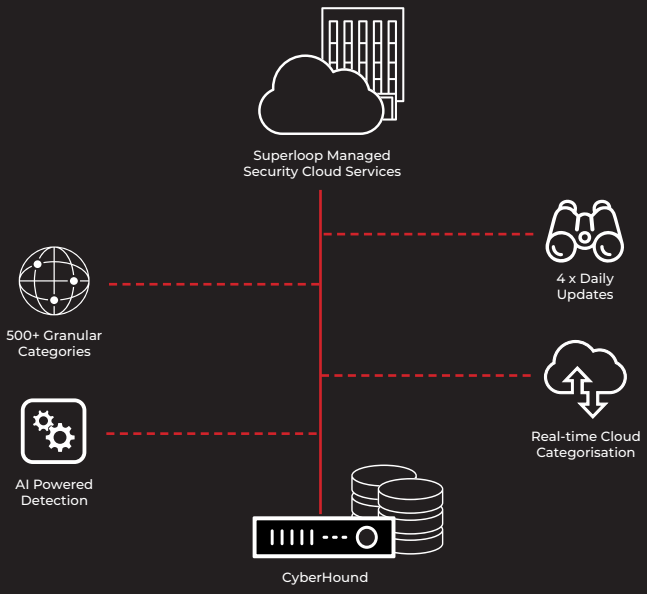
The service offers 500 unique granular categories and delivers real-time detection of new and uncategorised URLs (domain to full-path) with the ability to block uncategorised URLs until they have been assessed. This ensures up to the minute accuracy and protection.

Advanced Web Security

Full Path Malicious Detection

The CyberHound advanced web security is a core component of our Advanced Threat Protection Suite. The web security component is designed to provide the industry's most advanced and effective malicious web security service for schools. The technology is engineered to ensure it is not only the most accurate available but is also actively updated with zero service interruption for schools. This ensures better visibility, faster and earlier detection and the highest detection accuracy available than any alternative service. This ensures peace of mind for security and network administration managers, together with school leaders and Boards.

Diagram



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