

# Cymulate Attack Surface Management (ASM)

## Automate the Attacker's View of Your Organization to Discover Weaknesses & Prioritize Remediation

Cymulate Attack Surface Management (ASM) discovers vulnerabilities and misconfigurations to identify assets exposed to unapproved access, exploits, and other attacks. Cymulate ASM automates the attacker's view of your on-prem, cloud, and hybrid environments by scanning autonomous system numbers (ASN), domains (email and web), subdomains, IPs, ports, services, applications, and cloud platforms. The platform also scans the dark web for sensitive information and indicators of data leaks and cyberattacks.

These scans provide a comprehensive assessment of vulnerabilities, misconfigurations, and over-provisioning, enabling organizations to prioritize and address potential risks to strengthen their security posture. Cymulate ASM empowers organizations to manage their attack surface proactively, combining advanced scanning, detailed insights, and strategic mitigation to enhance their security posture effectively.

## Minimize External Threat Exposure

After providing one or more primary assets (such as a web domain), **Cymulate ASM** maps the external attack surface by emulating reconnaissance and probing methods of threat actors to identify digital assets (such as web domains, IP addresses, applications, and more) and assess their exploitability. With findings mapped to the MITRE ATT&CK® framework's tactics, techniques, and procedures (TTPs), businesses can take the necessary mitigation steps.

## How it Works

1. Scan for internet-facing (external) assets
2. Tag important assets to highlight their significance
3. Run vulnerability and misconfiguration scans against all of the found external assets
4. Prioritize discovered vulnerabilities and misconfigurations according to the probability of exploitation and the importance of the asset
5. Remediate prioritized and exploitable security gaps



"Cymulate Attack Surface Management provides another pair of eyes for us to understand what an attacker sees when looking at our organization from the outside."

- Karl Ward, Head of Cybersecurity, LV=

## Backed by the Industry



## Cymulate ASM Benefits

### Comprehensive Visibility

Identify externally accessible systems and the security gaps they can cause—on-prem and in the cloud.

### Enhanced Prioritization

Target remediation to close gaps in critical systems, resources, and data.

### Risk Scoring

Track and trend risk scores for continuous improvement and benchmark against peers.

### Minimal Operational Overhead

Quickly deploy the agentless solution to identify, diagnose, manage, control, and validate your attack surface.

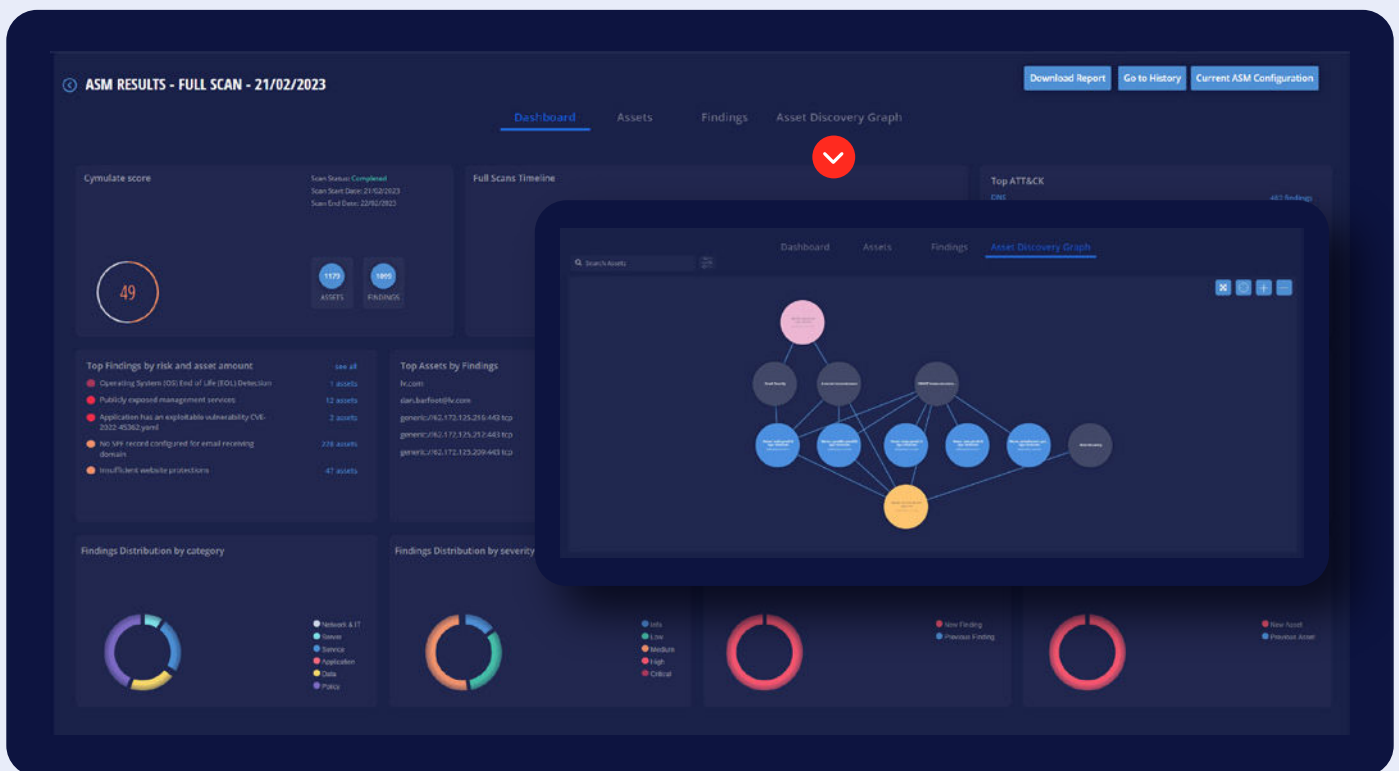
## Cymulate ASM Dashboard

The Cymulate ASM dashboard displays widgets with campaign results information. Clickable elements within the widgets will open the relevant assets or findings results.

- **Overall Score** – Security score based on simulated attack success rate correlated with industry standards.
- **Top Findings** – At a glance, expandable view of top attacks, top assets, and top findings.
- **Findings Distribution** – Immediate understanding of the findings distributed by category, severity or status, and asset status.
- **Trending** – Easily follow the evolution of the attack surface security with a timeline reflecting the Cymulate ASM score at selected time intervals.

## Asset Discovery Graph

Cymulate ASM displays a graph of all found assets and how they link to one another, showing the hierarchy of the discovery. Each asset icon is color-coded according to type (domain, subdomain, IPv4, etc.). Clicking on an asset icon will open a window displaying more information about that asset.



The ASM dashboard displays information on general campaign results, while the asset discovery graph shows how each found asset is linked to one another.

## About Cymulate

Cymulate, the leader in exposure management and security validation, provides the single source of truth for threat exposure and the actions required to close security gaps before attackers can exploit them. More than 500 customers worldwide rely on the Cymulate platform to baseline their security posture and strengthen cyber resilience with continuous discovery, validation, prioritization, and guided remediation of security weaknesses. Cymulate automates advanced offensive security testing to validate controls, threats, and attack paths. As an open platform, Cymulate integrates with existing security and IT infrastructure and drives the workflows of the exposure management process. For more information, visit [www.cymulate.com](http://www.cymulate.com).

Contact us for a live demo

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