

External Asset Discovery

Solution Brief

Challenges

The growing use of cloud computing, remote workforce, and third-party services is expanding organizations' attack surface and creating numerous challenges in identifying and tracking assets across on-premises, hybrid, and cloud infrastructure and in managing and securing all exposed assets.

Proliferating unmonitored assets such as legacy infrastructure, shadow IT, and more, add to the complexity of controlling networks, especially when scaling operations. To make matters worse, the inability to evaluate the risk posed by each exposed asset complicates prioritizing the task of securing them.

Overview

External Asset Discovery solutions risk-based approach facilitates identifying and securing external-facing assets. Cymulate's Attack Surface Management modules simulate a wide range of reconnaissance attack types, helping to identify exploitable exposed assets. Once identified, Cymulate evaluates the in-context risk exposure these gaps pose and provides actionable remediation guidance to address them.

In addition to identifying and securing internal and external assets, Cymulate's External Asset Discovery solution can be leveraged to evaluate third-party cyber health. By testing a third-party resilience to initial breach, organizations can identify security gaps that may endanger their organization and make informed decisions about which third-party vendors to work with to minimize their inherited threat exposure.

Benefits

- > Improved visibility into the attack surface
- > Identification of exploitable exposed assets
- > Notifications about new assets
- > Enhanced protection of critical assets and information.
- > Continuous monitoring
- > Improved understanding of external asset relationships and dependencies

Discovering External Assets with Cymulate

01

Find directly- and indirectly-controlled external assets

02

Prioritize discovered vulnerabilities and misconfigurations

03

Remediate prioritized and exploitable security gaps



Clear-Web and Dark-Web
Compromised User
Information/Credentials



Cloud and
infrastructure
misconfigurations



Exploitable web
applications



Vulnerable 3rd party
software and indirect
assets (e.g., Shadow IT)

Overview

- > Improved Understanding of the Ecosystem: Discovering and assessing all assets, including cloud resources, third-party relationships, and technologies in use.
- > Continuous Asset Monitoring: Real-time infrastructure monitoring detects changes, exposures, and potential threats.
- > Enhanced Threat Mitigation: Identify real-world threats and accelerate mitigation with actionable guidance and integrated ticketing for streamlined mitigation management.

Backed by the Industry

“Cymulate allows us to evaluate the efficacy of a specific tool and ensure the product works as advertised. Simulations also help us determine the proper configuration so we can make a data-based decision about a tool's performance. Additionally, based on the data and analytics from Cymulate's assessments, I can build a transparent business case when I ask the CEO for a budget.”

Itzik Menashe,
VP Global IT & Information Security, Telit (a
global leader in the Internet of Things (IoT) field)

[Read more](#)

“I showed our board of directors the comprehensive visibility that Cymulate provides, and they told me that we needed it before I even had the budget to purchase it.”

Liad Pichon,
Director of Cybersecurity, BlueSnap
(a global payment services provider)

Additional Resources



The Benefits of Integrating Security Intelligence with Security Validation

[Read more](#)

Awards and Accolades



About Cymulate

Cymulate provides organizations with comprehensive security control validation and in-depth insights into breach feasibility. This modular solution addresses a wide variety of business and technical use cases and scales from out-of-the-box simulations to full customization for advanced attack simulations. With Cymulate, companies assess, optimize, rationalize, and prove their security program with minimal resource investment. Security professionals and business stakeholders leverage these insights to reduce cyber risk, justify investments, provide proof of security resilience to executive leadership, and gain evidence for compliance and regulatory purposes.

Contact us for a live demo, or get started with a free trial

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