Supply Chain Validation

Solution Brief

Challenges

Third-party service users today have no control over their security posture management. Yet, even if a breach results from the supplier's negligence, organizations using their services are legally accountable for the damages caused to their customers.
Cyber-attackers are increasingly targeting supply chain vendors to hitch a ride on their privileged access to their customers' systems. This is an efficient tactic to avoid traditional detection techniques and gain direct access to the supplier's customer systems and data.

Preempting supply chain attacks requires evaluating suppliers' cyber health. Typically, this is done though self-reported evaluation of adherence to security standards such as NIST or CIS controls, and, more recently, with a Software Bill of Materials (SBOM). Unfortunately, neither provides validated insights into the suppliers' often complex, involving multiple entities and systems contextual resilience.

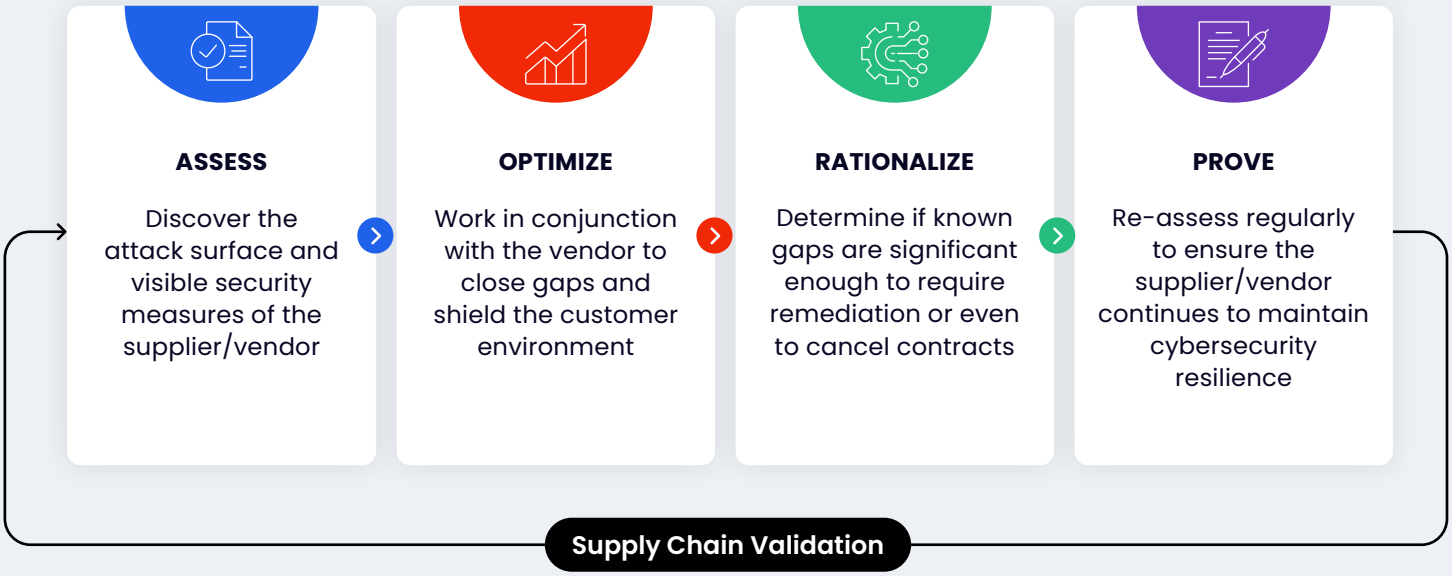
Yet, without a validated evaluation of suppliers' resilience, organizations relying on them are at risk of experiencing undetected attacks.

Overview

Cymulate offers a solution for evaluating third-party exposed assets' resilience to cyber-attacks.
With the vendor's authorization, Cymulate ASM can run attack simulation attempting to breach into the vendor's infrastructure through exposed assets, providing an immediate assessment of the vendor's control over its external assets.

In addition, when a supplier reports a breach, Cymulate Immediate Threats Intelligence assessments enable customers to quickly identify if their infrastructure is exposed, and, if yes, fine-tune their defenses to identify and block the threat.

Capabilities of Supply Chain Validation



Main Features

Scan and assess the security of their third-party vendors and suppliers' attack surface
identify all the software supplier-exposed assets and evaluate how resilient those exposed assets are to attacks attempting to use them to gain an initial foothold.

In-depth supplier security posture evaluation
Conditional to the prior agreement of the software supplier, Cymulate can run a combination of agent-based emulated attacks (BAS) and red teaming campaigns to assess their:

- Security controls resilience
- SIEM and SOAR efficacy
- Overall security posture

Include cybersecurity when assessing potential suppliers
Evaluate the prospective supplier's potential security impact while running a free trial of their software. Simply run an assessment before and during the free trial to see if it opens new security gaps.

Case Studies and Customer Success Stories

"The best thing is that within 24 hours, Cymulate enabled us to check our security systems and report the results to our CEO."

Haim Inger, CTO , CLAL

Read more

"I would recommend Cymulate because of its ease of use, it can quickly provide you a window into how vulnerable or how protected your organization is against external threats."

Jorge Ruao, Head of Security Operations , Euronext

Read more

"We chose Cymulate because we saw right away that it would require much less effort and time on our part to get immediate and effective insight into a security program and the solution could easily be leveraged globally."

Itzik Menashe, VP Global IT & Information Security, Telit

Read more

Additional Resources

Cymulate

Securing Software Supply Chain with Continuous Security Validation

Read more

Backed by the Industry

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 to gain evidence for compliance and regulatory purposes.

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

Start Your Free Trial

info@cymulate.com | www.cymulate.com