Reduce Cyber Exposure
with Cymulate and Tenable

Empowering security teams to reduce the attack surface with unified visibility

The Challenge:
Exposure Data Sprawl

As the dynamic attack surface expands and becomes more complex, organizations need better ways to test and ensure they have the best possible security posture. As organizations evolve their security programs, they are confounded with cyber exposure data generated by multiple sources. The integration and interpretation of this data becomes critical to security teams who seek to systematically prioritize their mitigation efforts to effectively reduce the organization's attack surface in the shortest time possible.

Key Integration Benefits:

- Accelerated identification, prioritization and remediation of security gaps.
- Defend better against attacks designed to obtain an initial foothold
- Improve resistance to lateral movement and exploitation

The Solution: Unified Cyber Exposure Visibility

Cymulate breach and attack simulation combines Tenable vulnerability management to provide a comprehensive security assessment.
This assessment correlates vulnerability findings to attack techniques used by adversaries to gain an initial foothold and move laterally within an organization. The Cymulate-Tenable integration enables security practitioners to:

- Identify machines that can be exploited using known CVEs and other vulnerabilities along a simulated lateral movement attack route.
- Identify machines that are vulnerable to the latest threats found in the wild.
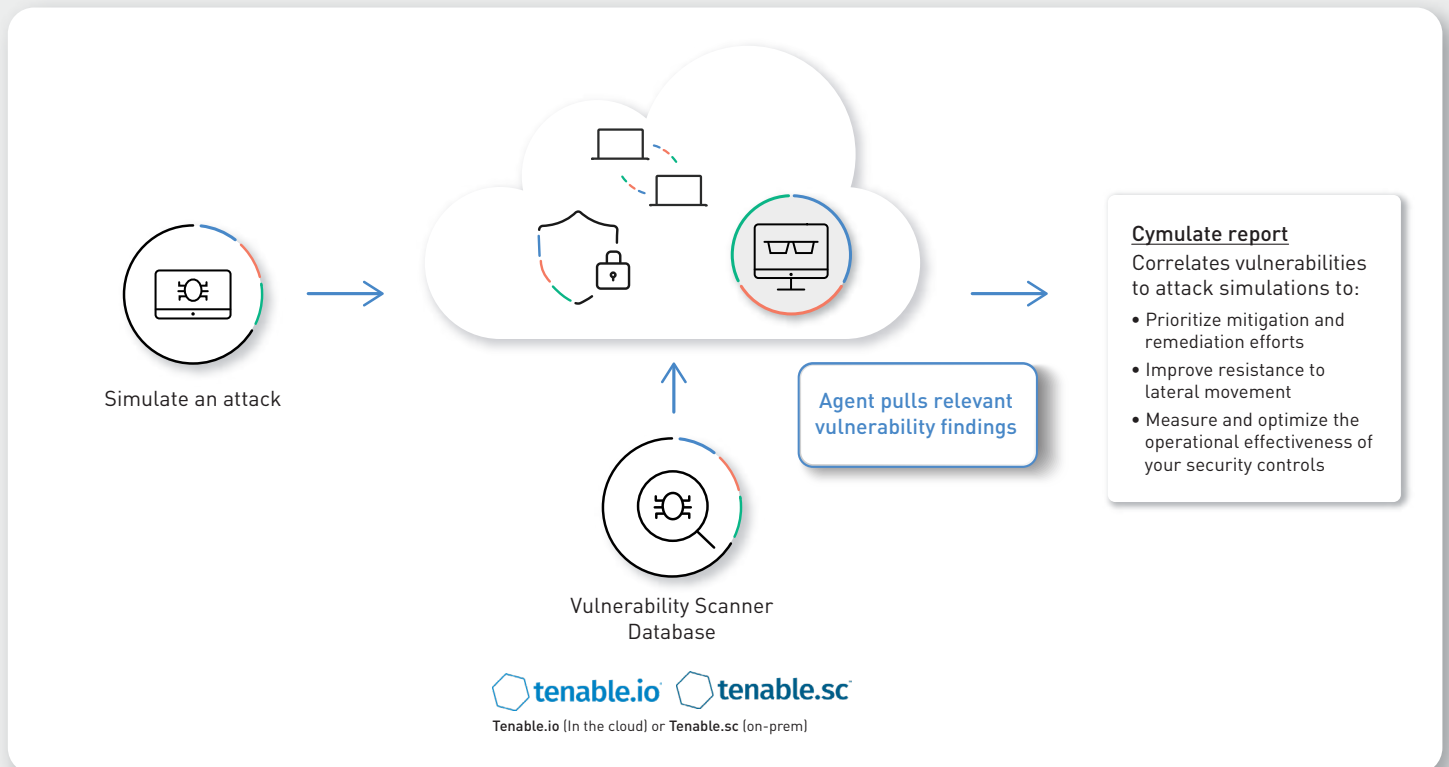
The Value

Cymulate - Tenable integration correlates vulnerabilities and vulnerable machines to attack and threat simulations and ultimately to risk. The benefits of this integration helps to:

- Identify high risk, vulnerable machines.
- Prioritize vulnerability remediation efforts
- Validate that security controls are safeguarding vulnerable machines
- Improve resistance to lateral movement

How it Works:

1. The organization performs regular vulnerability assessments using Tenable.
2. The Cymulate agent extracts relevant vulnerability findings for every applicable security assessment via the API.

3. The Cymulate agent combines the vulnerability findings with the security assessment findings and correlates them to create a comprehensive report.
4. Actionable insights help security teams to improve security controls and prioritize vulnerability remediation efforts.

Simulate an attack

Cymulate report
Correlates vulnerabilities to attack simulations to:
- Prioritize mitigation and remediation efforts
- Improve resistance to lateral movement
- Measure and optimize the operational effectiveness of your security controls

Agent pulls relevant vulnerability findings

Vulnerability Scanner Database

tenable.io   tenable.sc
Tenable.io (In the cloud) or Tenable.sc (on-prem)

About Tenable

Tenable®, Inc. is the Cyber Exposure company. Over 30,000 organizations around the globe rely on Tenable to understand and reduce cyber risk. As the creator of Nessus®, Tenable extended its expertise in vulnerabilities to deliver the world's first platform to see and secure any digital asset on any computing platform. Tenable customers include more than 50 percent of the Fortune 500, more than 30 percent of the Global 2000 and large government agencies.

Learn more at www.tenable.com.

Who We Are

Cymulate's SaaS-based breach and attack simulation platform makes it simple to test, measure and optimize the effectiveness of your security controls any time, all the time. With just a few clicks, Cymulate challenges your security controls by initiating thousands of attack simulations, showing you exactly where you're exposed and how to fix it-making security continuous, fast and part of every-day activities. Cymulate is trusted by companies worldwide, from small businesses to large enterprises, including leading banks and financial services. They share our vision-to make it easy for anyone to protect their company with the highest levels of security.
Because the easier cybersecurity is, the more secure your company-and every company-will be.

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