

BUSINESS CHALLENGE

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. Without adding Breach & Attack Simulation (BAS) to their security program, organizations are unable to launch cyber-attack simulations that evaluate an organization's security posture and provide remediation guidance. The simulations include the very latest attacks immediately after they are identified in the wild – immediate threats, and potential paths an attacker can exploit within a compromised organization.

SOLUTION

The Cymulate breach and attack simulation platform combines Tenable's vulnerability findings to provide a comprehensive security assessment. This assessment correlates vulnerability findings to attacks techniques found in immediate threats and used by hackers to compromise and move laterally within an organization. It maps known vulnerabilities and vulnerable machines to the simulated attacks. Breach & Attack Simulation adds the context of an attack, providing an additional dimension to help prioritize vulnerability remediation.

VALUE

The Cymulate integration for Tenable provides the ability to:

- Correlate Tenable vulnerability data and Cymulate's attack techniques for a stronger lateral movement assessment
- Correlate Tenable vulnerability data and Cymulate immediate threats – known and new attacks found in the wild
- Combined results can provide a comprehensive assessment of detected actual and potential attack patterns that can be used inside a targeted network
- Identify machines that can potentially be exploited using known CVEs and other vulnerabilities along a simulated lateral movement route or in actual attacks
- Validate misconfigurations, weak passwords and vulnerabilities in a network and find out which vulnerabilities pose the greatest threat of exploitation

TECHNOLOGY COMPONENTS

- Tenable.io/Tenable.sc 5.11 or higher
- Cymulate Breach & Attack Simulation platform

KEY BENEFITS

- **Enrich** Cymulate platform with Tenable vulnerability data
- **Add additional insights** to Cymulate's lateral movement assessment & immediate threats
- **Unified visibility** and reporting of Tenable's findings with Cymulate's attack simulation
- **Prioritization of mitigation efforts** according to user privileges and the type of asset identified in a lateral movement simulation or an attack
- **Faster mitigation** of potential paths to an organization's most critical assets

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.

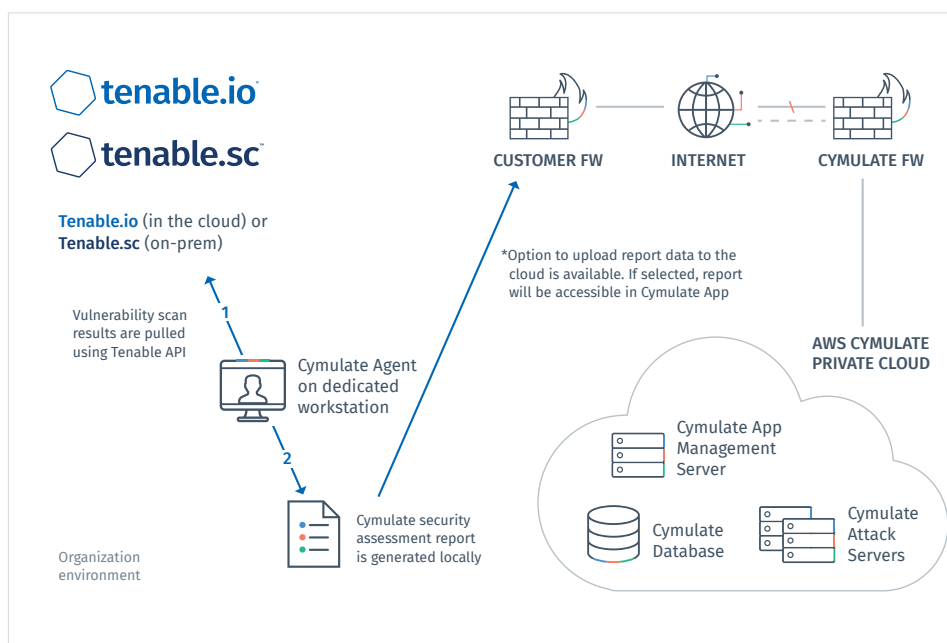
ABOUT CYMULATE

Cymulate is a leader in Breach & Attack Simulation. The Cymulate platform lets you protect your organization at the click of a button. Operating thousands of attack strategies, Cymulate shows you exactly where you're exposed, and how to fix it. The advanced technology enables organizations to automatically validate their security posture, increase the value from existing security products and improve security on a continuous basis. Learn more at cymulate.com

HOW IT WORKS

The diagram below shows the flow of an integrated Cymulate-Tenable assessment:

1. Organization regularly runs vulnerability assessments using Tenable.
2. Organization regularly runs lateral movement attack simulations and immediate threats using Cymulate.
3. Cymulate Agent pulls vulnerability assessment results from Tenable via API.
4. Cymulate Agent combines results from both Tenable and Cymulate to create a comprehensive view with insights and a prioritized plan.
5. Combined report is generated locally (and can be uploaded to the cloud, as well).



MORE INFORMATION

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<https://www.tenable.com/products/tenable-io/evaluate>

<https://cymulate.com/free-trial-sales/>

For support please contact: support@cymulate.com



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