Cymulate + SimSpace
Solution Brief

The Challenge

Building a strong cybersecurity organization is challenging because of the many dynamic factors involved, including changes to IT environments and the constantly evolving threat landscape. Maintaining a robust security posture and keeping risk low requires security leaders to continuously monitor their security program's performance, end to end. Continuous security control validation coupled with a learning and development environment is a great way to evaluate and improve a security team's abilities, increase awareness and understanding of threats, ensure controls are operating as expected, and test and refine processes.

Key Features

SimSpace

- Train your team against APTs, zero-days, and other threats
- Learn to identify malicious and negligent insiders with User Emulation
- Leverage pre-built industry-specific network templates

Cymulate

- Simulate end-to-end attacks from recon to data exfiltration
- Validate and optimize security controls
- Remediate security control gaps with easy-to-digest mitigation guidance

Better Together

SimSpace provides an organization the ability to replicate an existing network stack and security tools with hyper-realistic simulated environments. The advanced User Emulation feature provides realistic background noise to provide a challenge for defenders when training for detection and response.

Cymulate maximizes operational efficiency while minimizing risk exposure with a continuous security assurance model. Utilizing out-of-the-box or customizable assessments, organizations can manage their exposure to cyber threats, map and mitigate possible breach routes, and validate security controls performance. Cymulate is easy to use, supports robust customization and reporting, and is up and running in minutes.

Combining the two solutions empowers a team to operate in a realistic testing and learning environment. Organizations can validate their security controls, increase awareness and understanding of threats, identify weaknesses, and fine-tune incident response plans. Because these assessments are conducted in a virtualized environment, they won't impact production or need to go through rigorous change management processes before use.

About Cymulate

Cymulate was established with the vision of empowering security professionals to make better decisions faster, based on real-time data. Founded and led by an elite team of cyber researchers with world-class experience in offensive cyber solutions, Cymulate is determined to become the gold standard for security professionals and leaders to know, control and optimize their cybersecurity posture end to end. Trusted by hundreds of companies worldwide, Cymulate constantly enhances its methods to prepare organizations for any attack scenario or campaign. With Cymulate, organizations continuously measure security performance in real time, shore up defenses, and assure operational effectiveness. **Measuring your cybersecurity performance is fundamental towards creating a more secure organization!**

About SimSpace

The SimSpace Corporation launched in 2015 with a singular purpose — to help organizations reduce cyber risk. Featuring the most advanced commercially-available cyber range, the SimSpace Cyber Risk Management Platform allows users to conduct hands-on training and data-driven technology evaluation and optimization within a high-fidelity simulation of their production environment. By providing cyber range capabilities, performance metrics and reporting functions, the SimSpace platform enables a full spectrum of security and compliance operations.

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