Cymulate

IT Services & Consulting Organization Automates Security Validation, On-Prem and in the Cloud, with Cymulate

Challenge

An IT services and consulting organization provides services to a large customer base that trusts the organization to invest in its internal cybersecurity. The company's cyber assurance team understood it must continuously validate its cybersecurity to keep up with the constantly changing threat landscape. However, manual control testing was time-consuming without insights into the latest emerging threats or guidance on how to maximize protection.

For a full understanding of its security posture, the organization knew it needed a holistic approach to automate its security validation with specific need for:

- Production-safe assessments with out-of-the-box templates
- Daily updates to test against new emerging threats
- Kill-chain analysis and mapping to known cybersecurity frameworks and standards, such as NIST and the MITRE ATT&CK framework
- Metrics that demonstrate the improvements to cybersecurity and resilience to evolving threats

The Cymulate Solution

The security team chose Cymulate because it fulfilled all its requirements for a security validation platform. When it came to implementing the platform, the company's CISO recalled, **"We were under the impression that it would take a few months to set up the automated assessments, but the team was able to integrate Cymulate quickly and easily with our other technologies. It was a pleasant surprise."**

> **"If an organization wants to evaluate its cybersecurity performance comprehensively, then Cymulate is the best solution."**
>
> CISO, Multinational IT Services & Consulting Organization

Overview

Industry: IT Services & Consulting

HQ: Bangalore, India

Number of employees: 250K

Solution

- Breach and Attack Simulation (BAS)
- BAS Advanced Scenarios
- Attack Based Vulnerability Management

Results

- Automated security validation, on-prem & in the cloud
- Data-driven metrics
- Exposure prioritization

The CISO explained that the team uses the Cymulate platform for:

Security control validation
"Cymulate enables us to ensure all our security controls are working as expected. We worked step by step with each control, tested each one with Cymulate Breach and Attack Simulation (BAS) until we were happy with their performance, and then began to test the controls more extensively with Cymulate BAS Advanced Scenarios, even testing and assessing lateral movement."

Cloud security validation
"We have almost all the same security solutions in the cloud as we do on-premise, but how do we know if the controls are also effective in the cloud environment? Cymulate allows us to understand the level of our control effectiveness—we can validate our cloud controls and policies, understanding which attacks would be prevented and which would be detected."

Finetuning new controls
"The security team suspected a gap in our endpoint protection, and Cymulate provided the evidence that documented the weaknesses to justify an upgrade. We used Cymulate to evaluate new solutions, tune the control to maximize protection, and measure the improvement to our security posture."

Baselining and improving cybersecurity
"The Cymulate risk score helps us create a baseline for our controls so we can immediately understand if our remediation activities impact control efficacy."

Vulnerability prioritization
"Every organization faces new vulnerabilities every week, but how do we know which are the most critical? Cymulate allows us to understand each exposure's impact and its importance in our environment so we can prioritize our remediation efforts."

Benefits

Since utilizing the Cymulate platform, the security team enjoys the following added benefits:

- **Automation** – The organization automates security validation to cover every control across on-prem and cloud environments.
- **Increased coverage** – By mapping assessments to NIST and MITRE frameworks and testing against the latest threats, the security team evaluates its security posture against a broader range of known threats and improves its overall security resilience.
- **Strong customer support** – Customer support is always readily available, and the company views Cymulate as a full partner in its cybersecurity journey.

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