

Immediate Threats Intelligence

Solution Brief

Testing your Security Posture

Cymulate's Immediate Threats Intelligence module helps you to test and optimize your organization's security posture against specific, emerging cyber threats.

New Threats Constantly Appearing

Every day, numerous new payloads and attacks show up in the wild, orchestrated by known and unknown hostile entities. Organizations all over the world are vulnerable to these new threats that have just been launched. These new attacks (such as Emotet, Dridex, Ryuk, Trickbot, and others) come in different forms, such as an email attachment or a downloadable link appearing on a legitimate or compromised website. After penetrating the organization's perimeter, they can eventually cause serious damage to an organization. That is why professionals need to be sure that their cybersecurity framework holds up against such active threats circulating in the wild.

Current Testing Methods Failing

New threats emerge daily, making it virtually impossible to validate that your security controls are protecting you against each threat as they appear. Simply asking your security vendor is never enough, a misconfiguration or overlooked setting could mean that you aren't protected. On the other side of the spectrum, running a pen test specific to every new threat is unrealistic from a resource perspective. New threats create a burden on CISO's and other security professionals which has become quite overwhelming as the frequency and sophistication of these attacks increases each year.

Defending Against the Latest Attacks

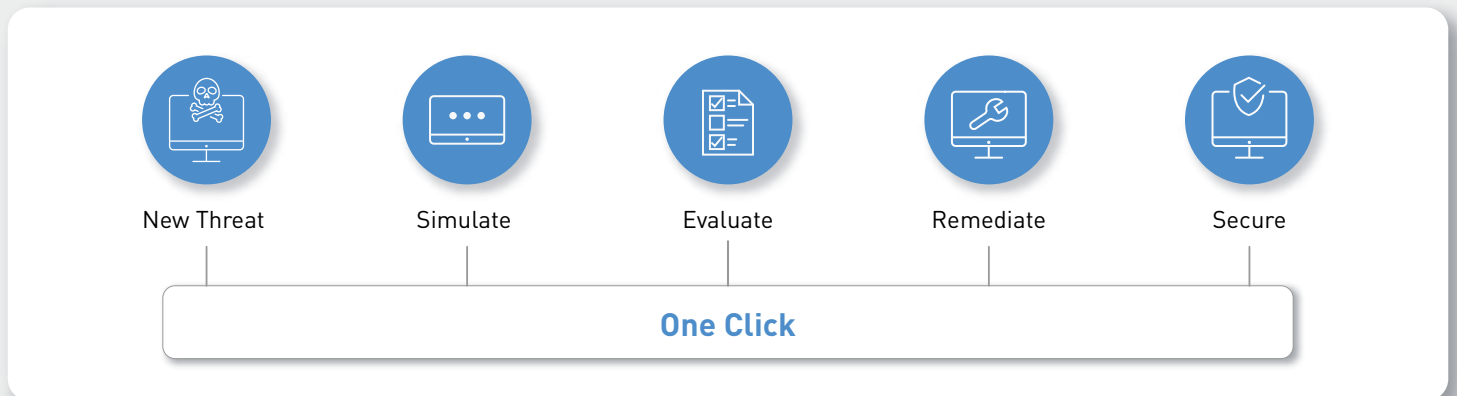
Cymulate's Immediate Threats Intelligence module is designed to evaluate your organization's security posture against the very latest cyber attacks. Simulations of new threats are created daily by the Cymulate Research Lab and made available for customers to test immediately.

Real-Life Attack Simulation

The Immediate Threats module enables you to test your security controls against new and emerging threats that have been recently seen in the wild. Cymulate's analysts are monitoring the web for new threats and adding the most recent and relevant ones, usually within 24 hours after discovery. Immediate Threats can be tested against email, web gateway, and endpoint security controls.

How it Works

1. A new threat is seen in the wild.
2. Cymulate analyzes the threat and creates a life-like attack simulation.
3. The Cymulate platform is updated with the new attack simulation, readily available for customers to test with one click.
4. Cymulate tests 3 attack vectors:
 - **Email** - Sending malicious files containing the selected threat to the a dedicated test email. Each file will be sent within different extensions to challenge the filtering & detection controls.
 - **Web Gateway** - Trying to access and download the threat samples through HTTPS.
 - **Endpoint** - Downloading real malware samples onto the disk. to validate detection by endpoint security . Files are automatically deleted at the end of the test.

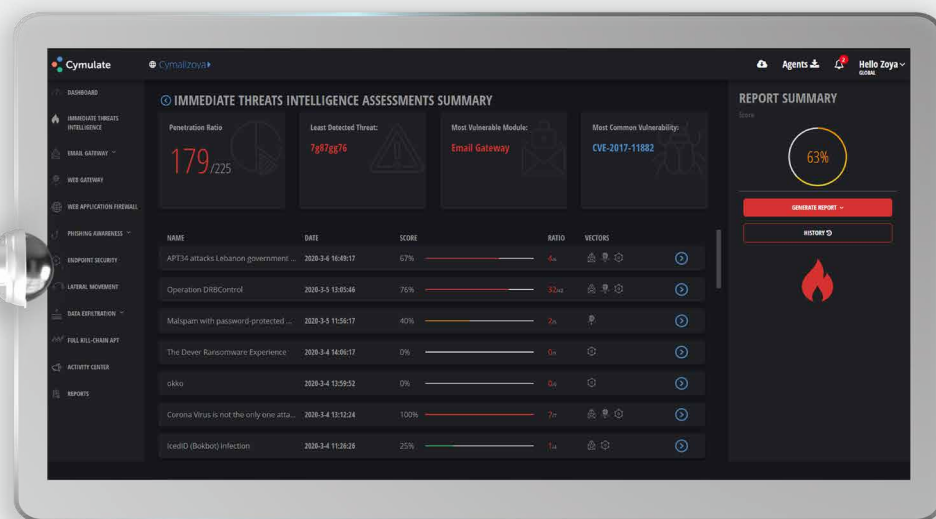


Key Features

- Auto-run – Cymulate provides an option to test for new threats as soon as they are released and added to the platform.
- Test against 3 different attack vectors: endpoint, email, and web
- Test using one dedicated machine which does not affect users or servers in the organization’s network
- Test continuously from anywhere, anytime

Actionable Insights

The simulation results are presented in an easy to understand comprehensive report. Mitigation recommendations including relevant IOCs are provided for each security gap discovered enabling IT and security teams to take the appropriate countermeasures.



Who We Are

With a Research Lab that keeps abreast of the very latest threats, Cymulate proactively challenges security controls against the full attack kill chain, enabling organizations to avert damage and stay safe.

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](#)