Cymulate

Cymulate Security Measures & Data Processing

Security Measures

Cymulate practices security to secure itself and its customers data.

01 Cymulate conducts a variety of audits to ensure continuous compliance with industry standards and best practices: GDPR, ISO 27001, ISO 27701, ISO 27017, SOC2 Type II, CSA STAR Level 1.

02 Cymulate's platform has been developed using strict secure development life cycle procedures. All code modifications are reviewed prior to committing them.

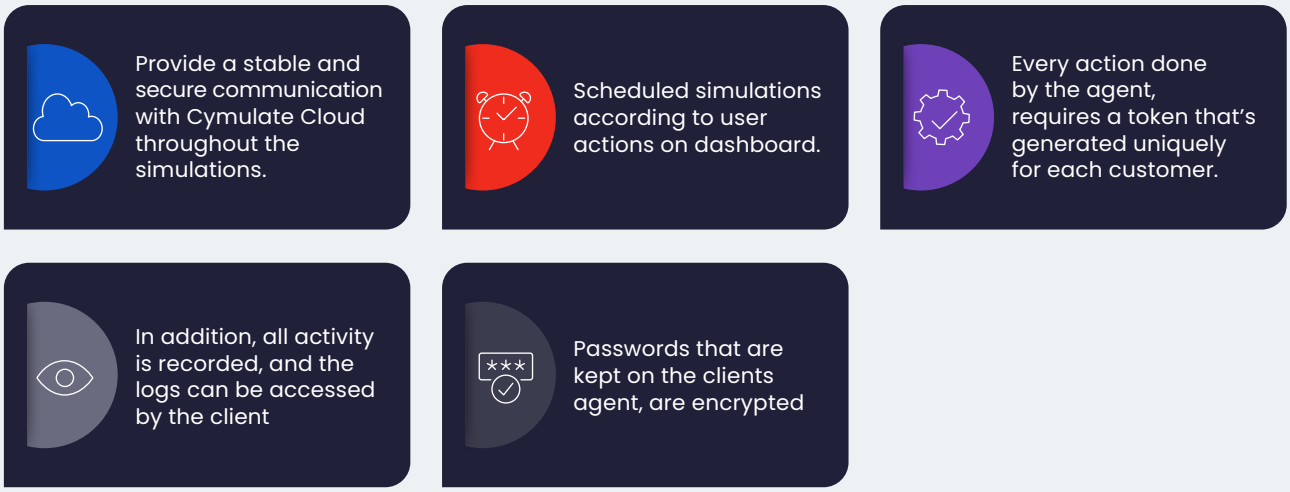
03 Cymulate's platform has been assessed through an external Penetration Testing and Risk Assessment to validate the platform security level and to ensure that each customer will see their own data.

- Each version of the platform is tested prior to being deployed and accessed by our customers.
- The platform is tested for network and Zero-Day vulnerabilities on a weekly basis.
- The platform is tested for OWASP top 10 vulnerabilities periodically.

04 Cymulate utilizes security controls as part of its security framework such as:

- Encryption of data, both in transit and at rest.
- Sensitive data saved on the DB is encrypted
- User privileges are given based on Least privilege and Need to Know basis.
- Authentication based on strong password policy and 2FA.
- Network Firewalls and segmentation, advanced WAF and DDoS systems.
- Cymulate Cloud is based on AWS infrastructure thus benefits with its physical and logical Security features: amazon.com
- Cymulate's own virtual private cloud (VPC), protected by restricted security groups allowing only the minimum required communication to and between the servers.

Cymulate Agent:



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Business Continuity and DR

As important as it to have a disaster recovery plan in place, taking measures to prevent a disaster or to mitigate its effects beforehand is even more important.

01 Cymulate Backups includes data replication periodically to a secure IaaS, and will be restored when needed. Periodic test restores are made to ensure backup reliability.

02 Cymulate's IaaS in AWS is composed of devices that provide the following functions, high availability scalability and fully redundant of: Applications, Network connectivity, switches and routers including firewalls, load balancers and data storage.

Data Processing

Data processed by Cymulate platform is fairly general, and mostly limited to aggregated test results, as well as some basic contact details of the customer. We do not store sensitive Personal Identifying Information (PII). Here is a more complete description of the information processed and stored by Cymulate platform:

Email Address used to register your account

Client name \ First name \ Last name (These can be optional)

For all Vectors, each Assessment launched contains the following records:

- Specific attack that was launched
- Description of the attack
- Success/Failure of the attack
- IP address (optional).
- Country

The Phishing vector requires:

- Email addresses of users uploaded by the client
- There is the option to delete the data after the simulation attack.

In addition, in the Hopper \ Lateral Movement Vector, the data listed below, by default kept on-prem and not uploaded to the cloud. Internal network information, such as:

- Hostnames
- IP Addresses Usernames
- Potential Lateral Movement routs using various attacks.

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 golden 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!**

Start Your Free Trial

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

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