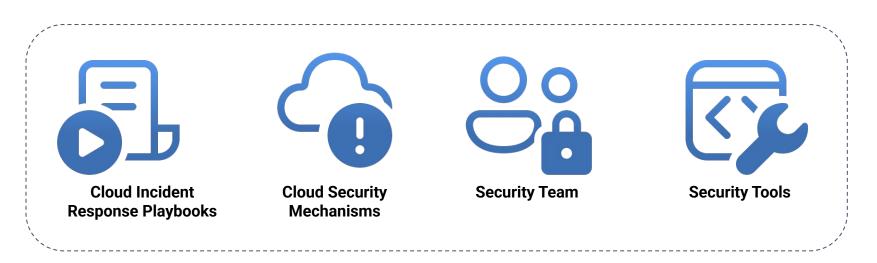


# Validate Your Cloud Exposure from Unseen Threats





## **How Would You Know If Your...**



Will Work Effectively to Protect Your Cloud & AI From Cyber Threats?

**M** Mitigant

## Many Organizations Are Unprepared for Cyberattacks

93%

Organizations have low cloud security maturity level with minimum cloud security strategy

https://www.itprotoday.com/cloud-security/companies-lack-capabilities-to-secure-cloud-infrastructure-report



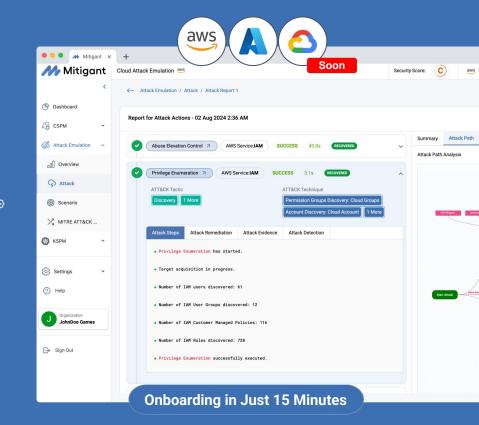


## Verify Cloud Resilience with World's First Cloud Adversarial Exposure Validation Platform



Discover security blindspots within the cloud security strategy, security team, and security tools during the "cloud attacks"

Improve the mean time to detect and react against potential cloud attacks





## **Cloud Attack Emulation Functionalities**



#### **Agentless & Safe**

No agents needed to be installed. Onboarding and attacks are orchestrated via cloud provider APIs



#### **Plug-and-Play Attacks**

All attack actions are plug-and-play that can be easily combined. No need to maintain the attack scripts!



#### **Realistic Attack Emulation**

Target environment is enumerated on-the-fly, vulnerable targets are selected & attacked.



#### **Evidence Collection**

Attack telemetry is automatically collected for further security analysis.



#### **Automatic Cloud Recovery**

Target environments are automatically clean up after emulated cloud attacks.



#### **Comprehensive Reporting**

Detailed reports with the related MITRE ATT&CK & MITRE ATLAS Tactics, Techniques and remediation steps.



#### Cyber Threat Intelligence

Corresponding threat actors are shown due to the integration of CTI.



#### **Attack Path Analysis**

The attack paths are visualized to provide clear situational awareness.



## **Example Cloud Attack Emulation Scenarios**



Ransomware Attacks



**Privilege Escalation** 



GenAl Data Poisoning



**Data Breaches** 



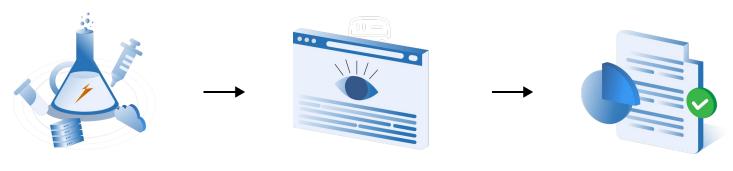
LLMJacking



Storage Takeover



## **How Cloud Attack Emulation Works**



Select several attack action(s) or an attack scenario to be emulated in the target cloud environment

Observe how the cloud and the security team will react under "the cloud attacks" to discover security blindspots

Improve incident response playbook to be better prepared and resilient against cyberattacks





**Al Red Teaming** 

Ensure cloud GenAl workloads are resilient against potential cyberattacks



**Empower Cloud Security Operation Center** 

Improve time to detect and respond to potential cloud attacks with simplified red/purple teaming capabilities via no-code interfaces



Automated Internal Cloud Penetration Testing

Automate cloud security testing using the Mitigant API, e.g., as an event-based process integrated into a CI/CD pipeline or as part of a custom security workflow



**Threat Detection Validation** 

Ensure implemented security strategy and incident response playbook to work as intended





## **GenAl Red Teaming**

#### **Run Al Red Teaming Exercises**

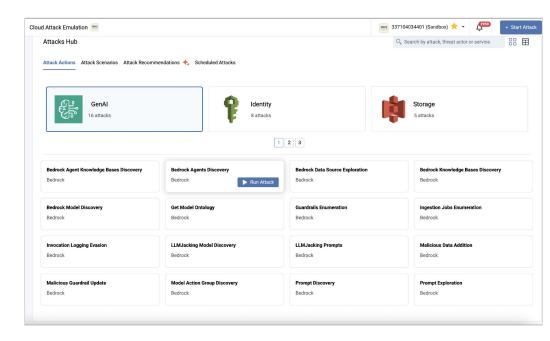
Select and execute attacks against GenAl infrastructure, aligned with the MITRE ATLAS.

#### **Ensure Responsible Al**

Implement attacks that mirror AI threats with impact on privacy, abuse the system capabilities and have security implications.

#### **Extend AI Security Posture**

Leverage the integrated GenAl configuration checks and asset inventory to make informed decision such as contextual attacks.







## **Automated Internal Cloud Penetration Testing**

#### **Automated Cloud Security Testing**

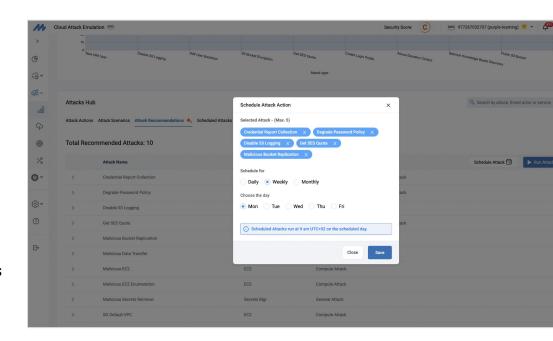
Run cloud penetration testing with customized attack actions and scenarios.

#### **Attack Emulation Anytime Anywhere**

Flexibly schedule attacks based on your threat model and continuously validate your cloud security assumptions.

#### **Multi-Cloud Attack Emulation**

Simultaneously attack multiple cloud accounts to verify multi-cloud's cyber resilience posture.







## **Empower Cloud Security Operation Center**

#### **Easily Emulate Cloud Threats**

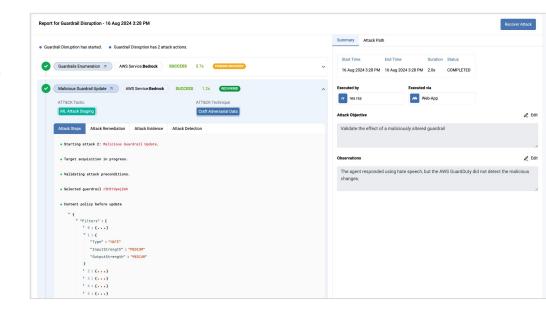
Simplify red/purple teaming cloud exercises via drag-and-drop interface with low learning curve.

#### **Automated Cloud Attack Telemetry Collection**

Collect cloud log entries as attack evidences to discover cloud security blind spots.

#### **Easily Integrate Mitigant API**

Integrate with other security operations tools using the provided API to gain further insights and perspectives of cloud resilience posture.







### **Threat Detection Validation**

#### **Easily Emulate Cloud Threats**

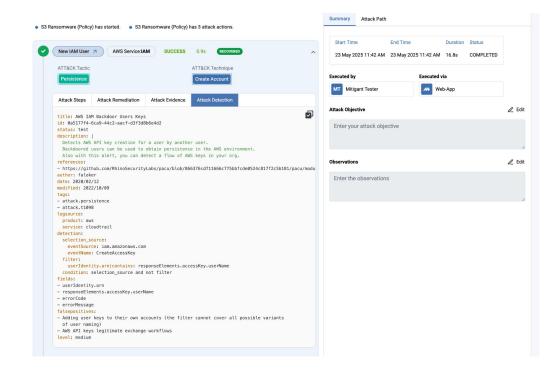
Continuously run cloud attacks aligned with the MITRE ATT&CK and MITRE ATLAS frameworks without writing a single line of code.

#### **Improve Threat Detection Strategy**

Quickly identify detection gaps and blind spots to improve cloud threat's responsiveness

#### **Adopt Threat-Informed Defense Strategy**

Implement validated security measures based on Cyber Threat Intelligence

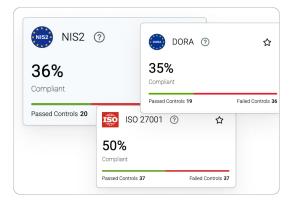




## **Additional Features to Secure Your Clouds & Al**



Detect and remediate cloud security vulnerabilities due to misconfigurations and compliance violations



Achieve compliance with cloud and Al security regulations and best practices



Complete cloud security visibility for unwanted changes in cloud resources





## **Who Must Use Cloud Attack Emulation**

#### ✓ CISO

Plan cloud security exercises and observe how cloud and security team will behave during cloud security testing

#### ✓ SOC Team

Automatically and safely run cloud security exercises by emulating cloud attack scenarios

#### ✓ Detection Engineer

Ensure suspicious activities from the cloud attack emulation run can be detected with security monitoring systems

#### ✓ Cloud Security Engineer

Improve cloud security strategy and measures based on the cloud attack emulation reports



### The Only Proactive Cloud-Native Adversarial Exposure Validation Platform

	Agentless	Cloud Attack Emulation	CSPM & KSPM	Attack Path Analysis	Detection Validation	CI/CD Integration
Mitigant	•	•	•			
XM Cyber	<b>Ø</b>	×	•	•	×	X
ATTACKIQ*	×	×	×	×	×	×
<b>o</b> cymulate	•	×	•	•	×	×
PYCUS	•	•	×	•	×	X
<b>:::</b> SafeBreach	×	•	×	×	×	×

## Some of Mitigant **Trusted Customers**

adesso











**O**MontBlancAl



## Our Mission: Building Trust in Digital Transformation with Mitigant



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