Achieve Unified Vulnerability Management with the Continuous, Autonomous Purple Team

Unified Vulnerability Management delivers a centralized approach to managing and prioritizing security vulnerabilities across an organization's entire cloud infrastructure. Skyhawk Security's open cloud security platform helps security teams identify, prioritize, mitigate, and remediate weaponized vulnerabilities that put your business at risk. The Purple Team contextualizes information from several data sources to accurately identify the vulnerabilities that expose your crown jewels. Security teams are no longer wasting time and money on researching false positive findings. The Continuous, Autonomous Purple Team contextualizes the vulnerabilities to stop alert fatigue, focus security teams so they can achieve their goal – a secure cloud.

Vulnerability Management Challenges

The problem with vulnerability management tools is they present a fragmented view across solutions and teams. Additionally, they typically only report on the exploitability of the vulnerability, which is a low bar, so the security team gets overwhelmed with alerts and data. Security teams will not know if the vulnerability is weaponized, and more importantly, if there is a crown jewel at risk. There is no contextualization of the vulnerability.

Unified Vulnerability Management Protects your Cloud

In order to protect your cloud, organizations need to leverage Unified Vulnerability Management to sort through the many findings and alert that are meaningless, and focus on weaponized threats. This approach adds exploitability analysis and delivers:

- **Comprehensive and Centralized View:** Understand all cloud-based vulnerabilities with an open platform leveraging many data sources to focus on the true threats that reduce risk, and stop wasting time on false positives.
- **Risk-based prioritization:** Contextualization of your vulnerabilities shows which vulnerabilities expose crown jewels and require remediation to reduce the risk to your business.
- **Improve Efficiency and ROI:** Ensure your team doesn't waste time on vulnerabilities that do not present risk and focus on weaponized vulnerabilities.
- **Operationalize CTEM:** Continuously understand and manage your business' threat exposure.
- **Quickly Reduce Business Risk:** Accelerate mean-time-to-remediate with fast identification and prioritization.
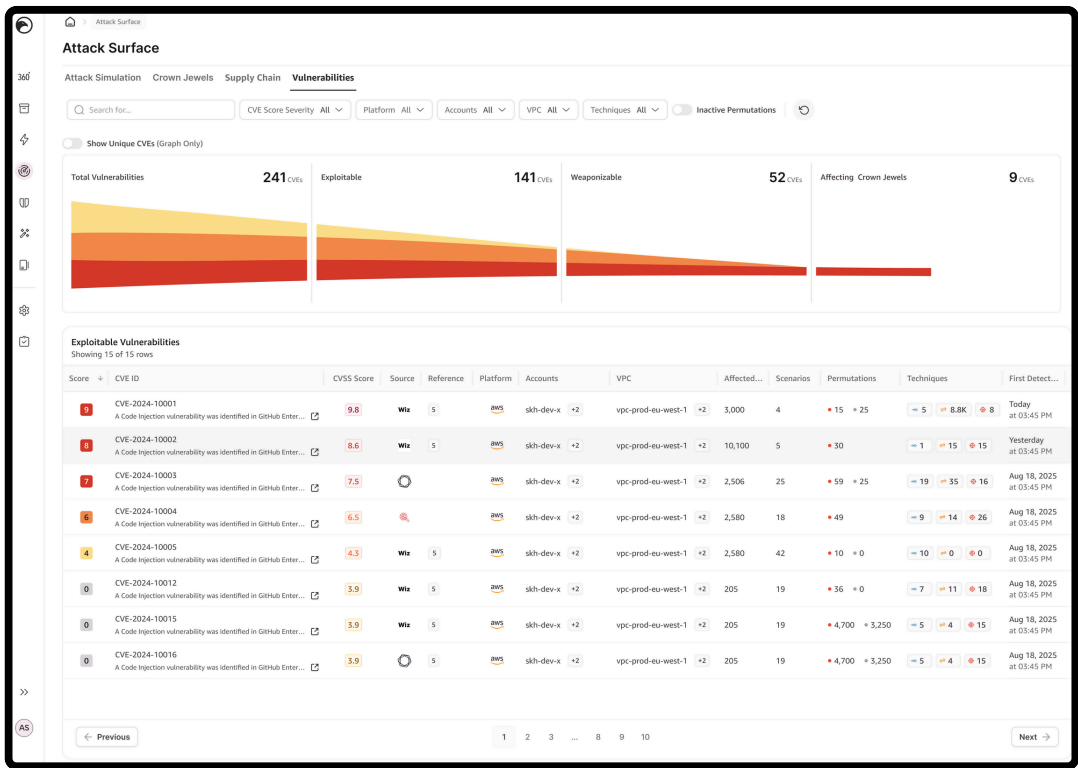

Figure 1: Clearly understand which vulnerabilities are exploitable, weaponizable, and finally, affecting crown jewels, so you know what to fix first to reduce business risk.

How does the Purple Team deliver Unified Vulnerability Management

Skyhawk's Continuous, Autonomous Purple Team and more specifically, the AI-based Red Team, identifies which vulnerabilities are weaponized beyond exploitability and can impact a crown jewel. The open platform analyzes information from many different security tools to analyze and uncover vulnerabilities that create exposure in the cloud attack surface.

The AI-based red team using Simulation Twin simulates attacks specific to your cloud architecture and security controls to determine how a threat actor could breach your cloud. The vulnerabilities that lead to a crown jewel are prioritized for remediation. One customer had tens of thousands of vulnerabilities to remediate, but using Skyhawk's breach and attack simulation analysis, less than ten were identified as being truly weaponized and exposing crown jewel assets.

About Skyhawk Security

Skyhawk Security is the leader in Purple Team-Powered CDR, leveraging a multi-layer AI-based approach to identify and stop cloud threats before they become breaches. Skyhawk revolutionizes CDR with its Continuous Proactive Protection, an AI-powered Autonomous Purple Team, enabling security teams to take a proactive approach to cloud security for the very first time. Led by a team of cyber security and cloud professionals who built the original CSPM category, Skyhawk's platform evolves cloud security posture management far beyond scanning and static configuration analysis, continuously adapting and improving threat detection so that it is always aligned with the cloud architecture. Skyhawk Security is a spin-off of Radware® (NASDAQ:RDWR).