AUTOMATED CYBER DEFENSE: HERE TODAY, SAFE TOMORROW.

How Cloud & Machine Learning Can Help Fix Vulnerability Before A Cyber Attack

Automated protection for automated threats

Security Operations Center (SOC) teams can face a list of 10,000 alerts each morning. Each one has to be assessed and identified as friend or foe, real or false. No human can respond quickly enough. AI-enabled cloud solutions use sophisticated algorithms and real-time security intelligence to immediately detect, prevent and remediate threats.

Adaptive Intelligence streamlines security in your organization

Reviewing threat data manually risks costly and avoidable security breaches—and can take up to 99 days to detect[1]. Future-focused organizations use AI and machine learning to manage configurations, constantly monitor and control who has access to what resources, and protect sensitive data through encryption.

Large volumes of data are no problem for Machine Learning in the Cloud

Threats have no boundaries, so neither should security scalability. Artificial intelligence (AI) and machine learning technologies can help you quickly analyze data to discover patterns, trends, and anomalies, including context around new alerts. An automated cloud security solution can continuously evaluate millions of patterns and uncover suspicious activity, meaning incidents can be addressed and resolved in an instant.

Oracle Cloud Security modernizes security to maximize confidence

Yet contrary to the popular perception that security vulnerabilities are greater in the cloud, cloud-mature companies are more confident in their security capabilities[2]. Oracle's suite of cloud-based services brings together greater visibility, intelligence, and automation to cybersecurity, enabling:

- Always-on threat detection
- Intelligent responsiveness
- Identity and context-based risk analysis
- Trust-based review
- Simple integration

Automated cyber defense: here today, safe tomorrow

Security directors with their eyes on the future are utilizing the latest automated, intelligent, and content-aware security solutions. This gives them complete control over security risks, and minimizes threat exposure to their organizations.

Our white paper explains how automated cybersecurity delivers the future, today

Oracle's machine learning and AI-driven cloud security platform delivers real-time, multi-layer defense. It's context-aware, meaning it learns how your users behave, what devices they use, and the environments they work from. It also uses adaptive technology to continuously optimize and maintain itself—freeing up your people to focus on the things that matter most.

For a more detailed exploration, read our white paper
Machine Learning-based Adaptive Intelligence: The future of Cyber Security

[1] https://securityintelligence.com/media/2016-cost-data-breach-study/
[2] https://www.oracle.com/cloud/your-cloud-platform-lessons-form.html?iframe=true&width=640&height=360

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