

LORIC™ for amazon web services™



Get a free assessment of usage, threats and compliance violations in your AWS environment

Cloud Security is a Shared Responsibility

Cloud services are a growing target and in extreme cases, breaches have put companies out of business. Code Spaces is one such example where it had to close doors in June 2014 after hackers gained privileged access to its Amazon Web Services (AWS) environment and destroyed critical assets.

Protection of workloads and data is a priority for Amazon and it takes numerous steps to reduce risk. However, cloud security is a shared responsibility between the organization and the cloud provider.

AWS Shared Responsibility Model

Source: <http://aws.amazon.com/compliance/shared-responsibility-model/>

"While AWS manages security of the cloud, security in the cloud is the responsibility of the customer. Customers retain control of what security they choose to implement to protect their own content, platform, applications, systems and networks, no differently than they would for applications in an on-site datacenter."

An organization's obligations include being able to answer questions such as:

- Are privileged users creating new admin accounts that may potentially create backdoors to the environment?
- Are any privileged users spinning up or terminating instances without approval?
- Is there risk from users that have not rotated access key pairs?

There are a number of challenges in meeting these obligations:

- Detection of anomalous activity is challenging due to the volume of log data, lack of activity baselines, and lack of context
- Manual monitoring of security configurations and activities is laborious and error-prone
- Remediation requires subject matter expertise in AWS

Security & Governance for AWS

Palerra enables organizations to protect data within AWS with LORIC™, the cloud security automation platform. It is the only solution to manage the entire security lifecycle of cloud infrastructure in a single platform.

VISIBILITY: Insights into AWS usage

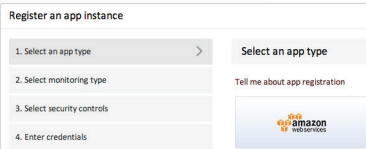
THREAT DETECTION: Monitoring for anomalous activities

COMPLIANCE MANAGEMENT: Monitoring of configurations and activities leading to policy violations

INCIDENT RESPONSE: Logging and remediation

Automation of threat detection, compliance management and incident response with LORIC increases operational efficiency and enables staff to focus on more strategic initiatives. It is delivered as a service and can be deployed in minutes. LORIC enables security and governance for AWS.

EFFORTLESS DEPLOYMENT —



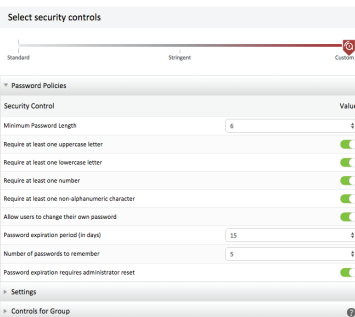
Get started in minutes by creating an AWS service account for LORIC. No hardware, no software, no agents.

ACTIVITY REPORTS —

Name	Report type	Action
AWS: EC2 key pair rotation	System	<input type="radio"/>
AWS: Failed changed password attempts	System	<input type="radio"/>
AWS: IAM access key rotation	System	<input type="radio"/>
AWS: IAM users who performed a Switch Role	System	<input type="radio"/>
AWS: Seedback Report	System	<input type="radio"/>
AWS: User actions performed after a Switch Role	System	<input type="radio"/>

Ability to create custom reports as well as a rich set of predefined reports on potentially risky activities such as switching roles.

CONFIGURATION MONITORING —



Continuously monitors and enforces security configurations within AWS to ensure compliance – say goodbye to laborious manual audits.

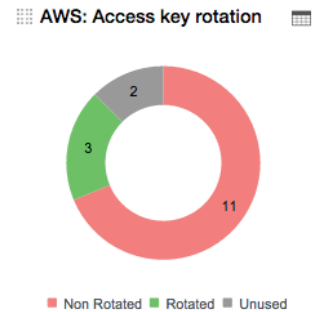
AUTOMATIC INCIDENT RESPONSE —

Category	Priority	Details
Anomalous Activity	High	Brute force attack risk
Anomalous Activity	Medium	IP hopping risk. IP address hops between 2 locations that are more than 1500 miles apart
Cross Application Activity	High	Cross application risk detected. Please review account activity for further confirmation
Security Control	High	The security control value should be stronger

Automatically logs incidents and executes remedial actions within AWS ensuring incidents are addressed immediately.

INSIGHTS

Instant insights into adoption and usage of AWS, such as status of access key rotations.



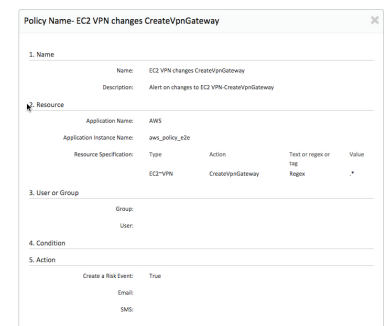
USER BEHAVIOR ANALYTICS

Studies activities such as logins and environment administration to create baseline activity profiles. It then automatically flags any deviations in behavior exposing insiders and hackers.



MONITORING POLICIES

Ability to build custom policies as well as a library of predefined policies for real-time notifications about activities that may introduce risks, such as termination of EC2 instances.



ECOSYSTEM INTEGRATION

Leverages existing IT investments by integrating with LDAP, single sign on, identity and access management, ticketing, and incident management solutions.

