

## CYBERSECURITY SERVICES

# AWS Cloud Security Guardian

## Automate and Continuously Monitor Security Configuration Across Your AWS Control Plane

The volume of events and changes to cloud workloads place significant demands on your staff to maintain security configuration settings. AWS Cloud Guardian by Enfo is an agentless SaaS solution that helps to eliminate the risk of human error and misconfigured control plane settings by automating the protection of your Amazon Web Services (AWS) environment.

### Customer Benefits

- **Stay Secure:**  
Identifies gaps in security coverage that threat actors could exploit
- **Increase Visibility:**  
Always-on monitoring and visibility to keep up with dynamic cloud environments
- **Save Time:**  
Respond to alerts with 1-click repair mitigation



### Solution Features

- **Agentless** solution with no performance impacts
- **Easy** provisioning, not hours or days
- **Customizable** security policies
- **Real-time** AWS configuration visibility and automated remediation
- **Security best practices** used from CIS benchmarks and Enfo Cybersecurity

### Ensure Security Control

Your cloud workloads are inherently dynamic which makes them difficult to control on a daily basis. Recently publicized examples show that simply misconfiguring an AWS S3 bucket can lead to a devastating data breach.

You need constant visibility of your control plane settings to ensure gaps are shut down immediately before damage occurs and to avoid 'configuration drift'.

Security automation solves this cloud configuration challenge and provides continuous cloud workload protection to ensure you are maintaining good hygiene and security control in the cloud every day.

### Contact Enfo

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### Enfo

#### Data-driven business transformation

Enfo is a Nordic IT service company enabling its customers' data-driven business transformation. With our niche expertise in hybrid platforms, information management and applications, we bring together relevant data for more intelligent operations. We both build and run digital solutions – supporting our customers with genuine care in mastering the complexity. We are 900 experts working for a more intelligent world, with technology empowering people, businesses and societies.

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## How Enfo Cybersecurity Helps

Enfo offers a SaaS solution that provides the security configuration visibility needed and automates AWS control plane settings for your cloud environment.

Provisioned in minutes, the agentless SaaS solution alerts you to critical issues that need repair such as disabled multi-factor authentication settings, S3 Bucket gaps, and outdated EC2 instances.

## AWS Cloud Guardian Portal

Real-time monitoring and visibility pinpoints security events that require your attention and helps you respond quickly to actual threats before damage or exfiltration can occur.

The solution helps to eliminate the risk of human error and misconfigured control plane settings by automating the protection of your AWS environment. 1-click remediation can be enabled as well as the ability to lock-down configurations against future vulnerabilities.

## How It Works

AWS Cloud Guardian helps eliminate the risk of human error and misconfigured control plane settings by automating the protection of your AWS services, accounts, and availability zones.

The SaaS solution provides an early warning of potential security risks and guidance for areas of additional security focus. It also provides continuous configuration monitoring, validation across your AWS environment, real-time issue identification, and automated repair.

Configuration issues are escalated as alerts to enable rapid response either manually or by locking down 1-click repair mitigation.

## Built From Security Best Practices

Cloud security best practices such as Center for Internet Security (CIS) Benchmarks were integrated into the development of the solution along with insights gained from Enfo Cybersecurity Incident Response engagements.

## Logging Alert Examples

- Users without multifactor authentication
- S3 Bucket is publicly accessible, or S3 Bucket does not have logging enabled
- EC2 instance is inactive in region
- CloudTrail not enabled or CloudTrail log file is not encrypted
- CloudTrail not integrated with CloudWatch Logs
- Load balancer does not have access logging enabled
- Role policy allows manipulating EC2 Security Groups



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