New Light Technologies:

Keeping Cloud Environments Secure and Compliant with Fugue

New Light Technologies (NLT) is an IT and GIS services company that helps organizations such as the World Bank and US Census Bureau modernize their infrastructure in the cloud. NLT partners with Fugue to prevent cloud misconfiguration and deliver continuous compliance for their customers' Amazon Web Services and Microsoft Azure infrastructure.

Challenges

- Assess customers' AWS and Azure cloud environments for security misconfiguration and CIS AWS/Azure Foundations Benchmarks and NIST 800-53 compliance violations
- Detect configuration drift and fully automate enforcement of baseline cloud resource configurations

Fugue Solution

- Evaluate cloud resources for CIS and NIST 800-53 compliance violations against hundreds of predefined controls
- Protect critical resources by notifying users of any configuration drift from a previously established configuration state
- Visualize cloud environment in dynamic diagrams and zoom into details on configurations and resource relationships

KEY STATS

PROBLEM:

- Ensure continuous compliance and security within a complex AWS and Microsoft Azure infrastructure

OUTCOMES:

- Visualize and detect configuration drifts and compliance violations
- Establish known baselines and automatically remediate configuration drifts without IT interaction
- Ensure continuous compliance and security with an ongoing self-healing infrastructure

FROM THE CUSTOMER:

"Fugue acts as a massive safety net since I can immediately know if something changes, and it can self enforce the configuration. With Fugue, NLT can keep customer data and applications secure in a highly efficient and scalable manner."

Dave Williams
Cloud Architect
New Light Technologies

Fugue

Business Outcomes

NLT cloud architect, Dave Williams, was looking for a solution that would enable him to quickly understand what is in a customer's cloud environment and identify CIS and NIST 800-53 compliance violations and configuration drift.

With Fugue, NLT is able to easily scan a customer's cloud environment and within five minutes they can see what is not in compliance, why is it not in compliance, and generate a detailed visual representation of their cloud infrastructure. For configurations that have drifted, Fugue's automated remediation corrects the drift back to an established baseline without the need for interaction with IT staff to prioritize drift for correction. This reduces delays

and minimizes risks for the client. Fugue delivers self-healing infrastructure, without the need for engineers to write custom scripts, alarms, or notifications when there is configuration drift.

Visualize Your Cloud Environment

NLT at any one time is providing consulting services to a number of clients using Amazon Web Services and Microsoft Azure. With Fugue's visualizer feature, NLT can generate diagrams of their customers' cloud resources, zoom in on details on configurations, and quickly locate misconfigurations and compliance violations.

THE FUGUE ADVANTAGE

DETECT
misconfiguration
and cloud drift

ENFORCE
critical resource drift to
established baseline

AUTOMATE
cloud security into
CI/CD pipeline

About Fugue

Fugue ensures that cloud infrastructure stays in continuous compliance with enterprise security policies. Our product identifies security risks and automates compliance with out-of-the-box frameworks for the CIS AWS Foundations Benchmark, CIS Azure Foundations Benchmark, GDPR, HIPAA, ISO 27001, NIST 800-53, PCI, and SOC 2. Fugue enforces infrastructure baselines with codeless auto-remediationto self-heal and provide visibility into unwanted changes. Organizations such as PBS, SAP NS2, and TrueCar trust Fugue to protect their cloud environments.