

Fugue: Autonomous Cloud Security and Compliance

Fugue is enterprise cloud security developed for engineers, by engineers. We approach cloud security as a software engineering problem, because the cloud is 100% software. Fugue builds a complete model of your cloud environment as a baseline, continuously detecting drift and enforcing the baseline for security-critical resources. We believe that security should be an integral part of software development, instead of being bolted on as after-the-fact analysis.

Fugue prevents cloud misconfiguration and ensures continuous compliance with enterprise security policies. Fugue provides full visibility into the security posture of AWS and Azure cloud environments. With Fugue you have intelligent guardrails that use baseline enforcement to eliminate policy violations and cloud misconfiguration. Fugue's API enables teams to "shift left" and use CI/CD pipelines to validate infrastructure compliance earlier in the software development lifecycle. Fugue automates compliance validation for CIS Foundations Benchmarks, GDPR, HIPAA, ISO 27001, NIST 800-53, PCI, and SOC 2. Customers such as PBS, SparkPost, SAP NS2, and TrueCar trust Fugue to protect their cloud environments.

USE CASES FOR FUGUE:



Gain visibility into your cloud security posture



Detect and eliminate cloud misconfiguration



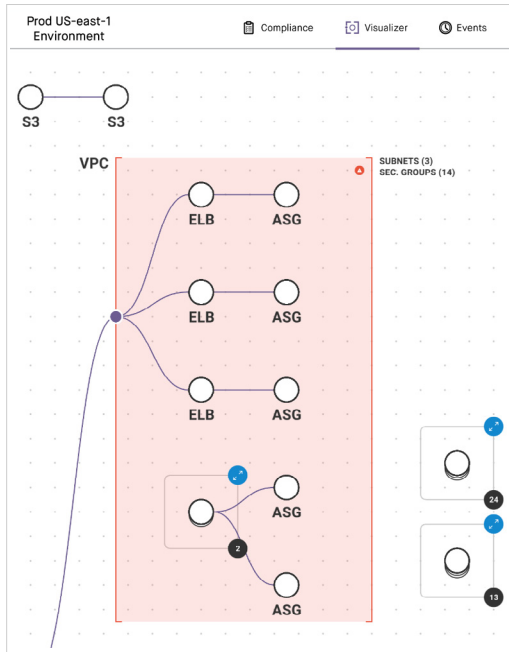
Automate cloud security with API and CLI tools



Assure and demonstrate cloud infrastructure compliance

Gain Visibility

Visualize your cloud environments, discover resources and configurations, and validate compliance. Identify policy violations and orphaned resources, and understand infrastructure drift and changes in real-time.



Detect and Eliminate Cloud Misconfiguration

Employ intelligent guardrails that enforce infrastructure baselines and ensure continuous compliance. With baseline enforcement, all drift and misconfigurations are corrected back to your established baseline without the need for manual remediation or automation scripts.

Modified AWS.IAM.Policy Resource

Resource ID:

arn:aws:iam:::policy/bucket-read-only-policy

Change:

Modified

Event Type:

Remediation

Result:

Reverted

Change Detected:

9/30/19, 2:45 PM

Drifted Resource Attributes

Sid

VisualEditor0

Effect

Allow

Action

s3.ListBucketByTags
s3.GetLifecycleConfiguration
s3.GetBucketTagging

Remediated Resource Attributes

Effect

Allow

Action

s3.GetObject

Resource

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Automate Security

Automate cloud security with Fugue's API and CLI to alert, auto-remediate, and integrate security policies into CI/CD. Build custom rules for enterprise policies using open source OPA policy framework.

CLIENT NAME	CREATED ON	STATUS	SECRET A...	LAST ACTIVITY
Swagger UI	7/28/19, 9:46 PM	Active	64 days	2 months ago
test	6/3/19, 4:07 PM	Active	119 days	8 minutes ago
PRODUCTION	5/16/19, 5:25 PM	Secret Revoked	—	—
Development	5/16/19, 3:31 AM	Active	137 days	4 months ago
CI/CD Staging	4/17/19, 6:44 PM	Active	166 days	4 months ago

Continuous Compliance

Fugue scans your cloud resources for policy violations mapped to common compliance families including NIST 800-53, CIS AWS and Azure Foundations Benchmarks, GDPR, SOC 2, ISO 27001, PCI, and HIPAA.

Compliance		
9/30/19, 1:14 PM		
ESTABLISH BASELINE		
SCANNED RESOURCES	COMPLIANT RESOURCES	NONCOMPLIANT RESOURCES
785 Resource Types: 44	760 (96.8%) Compliance Rules Passed: 41	25 (3.2%) Compliance Rules Failed: 96
CIS	13 Rules Passed	30 Rules Failed
GDPR	2 Rules Passed	3 Rules Failed
HIPAA	7 Rules Passed	31 Rules Failed
NIST	7 Rules Passed	16 Rules Failed
PCI	12 Rules Passed	16 Rules Failed