



Stacklet Platform

Governance as Code Platform for the Cloud

Challenge: Balancing Cloud Deployment Velocity and Risk at Scale

As cloud adoption scales within organizations, they struggle to enforce governance policies that control usage, avoid potential breaches, minimize cloud waste, and meet regulatory requirements—all while ensuring development productivity. Development, operations, and security teams often work in silos. This often results in development bottlenecks as the velocity of cloud service releases overwhelms the capacity of security teams to secure new assets effectively across multiple cloud platforms and accounts. The challenge of balancing developer productivity with security, compliance, cost, and operations policies is compounded by various cloud platforms and accounts within organizations.

Solution Overview

Stacklet Platform allows cloud engineering and security teams to codify and automate cloud governance via a standard, easy-to-use declarative language. Stacklet Platform extends the Cloud Custodian open source project with robust management capabilities, real-time cloud asset streaming, out-of-box policy packs, and other advanced features to help businesses innovate securely in the cloud at scale.

Key Benefits



Meet ever-changing compliance needs by providing the flexibility of implementing and customizing compliance benchmarks for an ever-changing landscape.



Improve security posture by enforcing policies across a range of cloud platforms and services.



Reduce operational overhead associated with policy implementation and inconsistent cloud management.



Control Costs by automatically identifying, right sizing, and de-provisioning unnecessary resources.

Key Features

Governance as code: Codify and automate cloud governance and align with the application development cycle via a standard, easy-to-use declarative language.

Real-time cloud asset streaming and posture assessment: See an inventory of all your cloud resources via real-time streaming. Stacklet Platform combines this data with policy execution data to give a complete, contextualized, and accurate picture of how well-managed your clouds are.

Out of the box policy packs: Get a set of best practice policies that address common security, operations, and cost optimization use cases as well as compliance frameworks such as NIST CSF, PCI-DSS, HIPAA, and CIS Benchmarks.

Battle-tested, open source core: Based on the popular open source project Cloud Custodian, used by thousands of well-known global brands.

Advanced workflows for actions: Implement and automate complex business logic into your remediation and notification playbooks. For example, you can notify the owner of a non-compliant resource before de-provisioning a resource.

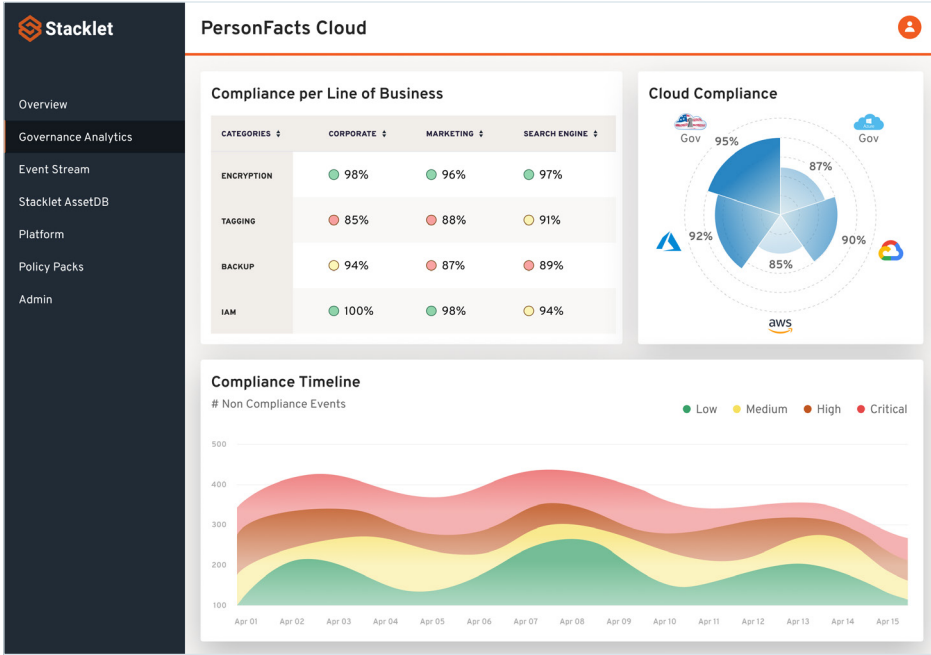
Exception management: Easily set up criteria for situations where a policy might not be applicable. For example—no need to prioritize an AWS S3 bucket that contains public data for a website.

Governance analytics: Extract actionable intelligence from policy execution data to reduce time to remediation, improve communication between security, operations, and development teams, and provide compliance insights to business executives.

Intuitive management console: Configure, deploy, and orchestrate your governance policies across multiple cloud platforms and accounts at scale. Stacklet Platform automatically imports all your cloud accounts and allows you to structure them into groups. It then allows you to create policy collections bound to business or regulatory requirements of individual account groups. It also gives you the ability to dry-run your policies to make sure they are error-free.

Policy monitoring: Get complete visibility into policies, related cloud accounts, and resources. Stacklet Platform tracks policy execution status and reports on any errors to ensure compliance with organizational policies.

Configure policy deployments: Configure your policy deployments for development, testing, and production environments to ensure the pace and scale of deployments are kept under control.



Stacklet Platform extends Cloud Custodian by providing additional capabilities to meet the needs of complex, large-scale multi-account and multi-cloud environments

Stacklet Extensions to Cloud Custodian

CAPABILITIES

		
Standard Policy Language	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Advanced Workflows for Actions	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Exception Management	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Multi-Cloud Support	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Management Console		<input checked="" type="checkbox"/>
Stacklet AssetDB		<input checked="" type="checkbox"/>
Stacklet Policy Packs		<input checked="" type="checkbox"/>
Governance Analytics		<input checked="" type="checkbox"/>
Policy Monitoring		<input checked="" type="checkbox"/>
Policy Lifecycle Management		<input checked="" type="checkbox"/>

Creators and Maintainers:



 **300+**
Contributors

 **1,500+**
Chat Participants

 **≈300,00**
Monthly Downloads



About Stacklet

Stacklet was founded by the creator and lead maintainer of Cloud Custodian, an open source cloud native security and governance project used by thousands of well-known global brands today. Stacklet provides the commercial cloud governance platform that accelerates how the Global 2000 manages their security, asset visibility, operations, and cost optimization policies in the cloud.

Let us know if you want to learn more:

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