



Infrastructure Data Integrator & Analytics

Security & Compliance Automation for Public Cloud, SaaS, and more

Problem: Cloud Security Attacks

80% of enterprises
experienced cloud
data breaches

68% due to security
misconfigurations

- Misconfiguration of **Azure** Object Storage Service Leads to Data Breach of Over 65,000 Enterprise Customers
- Misconfigured firewall at **Capital One** leads to external leakage of personal data of more than 100 million customers
- **Prestige Software's** misconfigured AWS S3 led to a breach of its customer-hosted user data
- **Okta's** misconfigured MFA exposed a large number of customers' internal systems resulting in a massive data breach

Consequences: Penalties and Strict Security Requirements

Data breaches

Regulatory penalties for violation of compliance requirements

User claims

- **Captial One** data breach fined \$80 million by the US Office of the Comptroller of the Currency (OCC)
- **British Airways** was fined \$26.2 million by the Information Commissioner's Office (ICO), the UK's data protection authority, for a data breach that violated GDPR
- **Google+** Vulnerability Exploited Fined \$7.5 Million and Paid Out to Affected Users
- ...

Global Compliance and Privacy Requirements Emerged

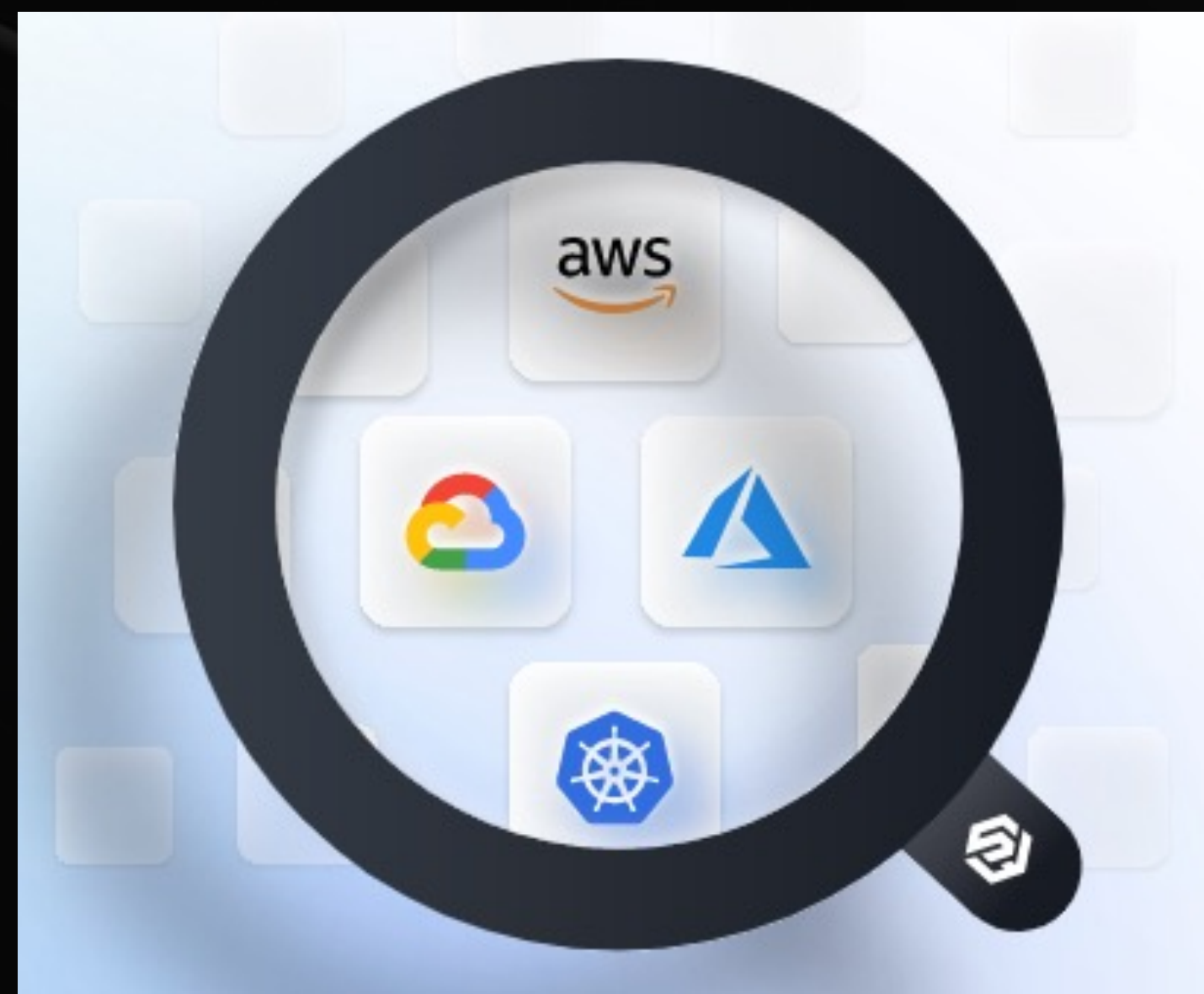
132 countries around the world have legislation in place to protect data and privacy, and 67 products have published CIS security benchmarks.



CIS Benchmarks™

Solution: how does **Selefra Cloud
help automate security and
compliance?**

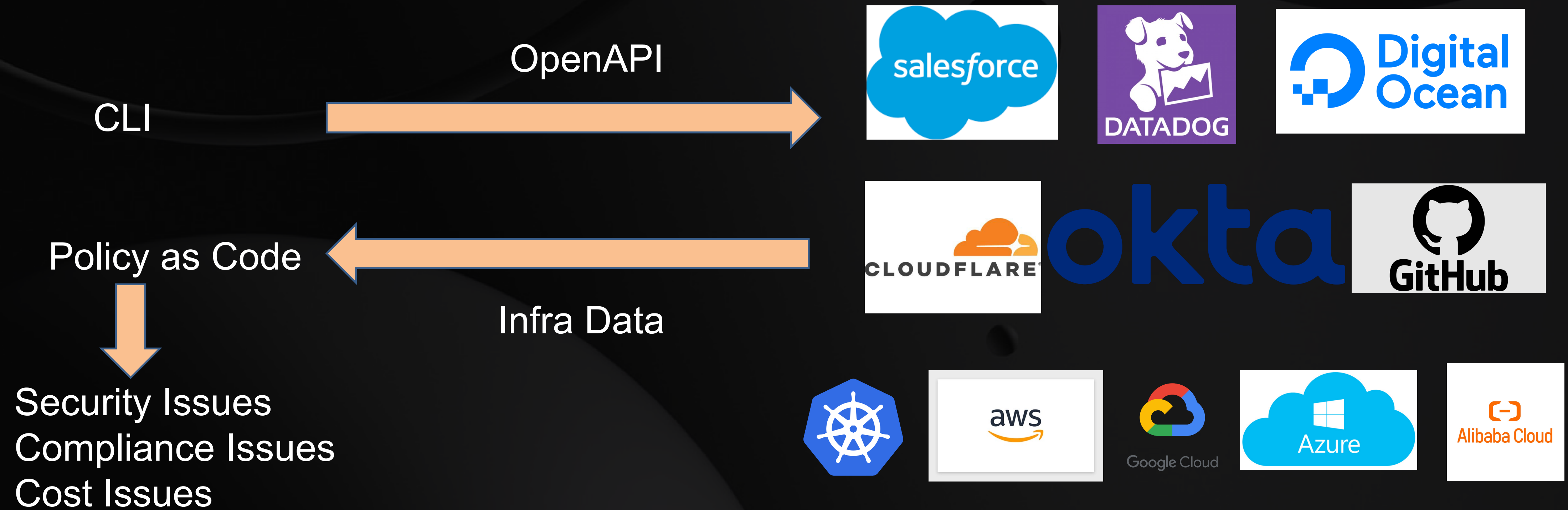
What services does Selefra Cloud offer?



- Comprehensive scan of infrastructure configuration security risks
- Assess whether your infrastructure meets compliance requirements
- Build an infrastructure data integration platform

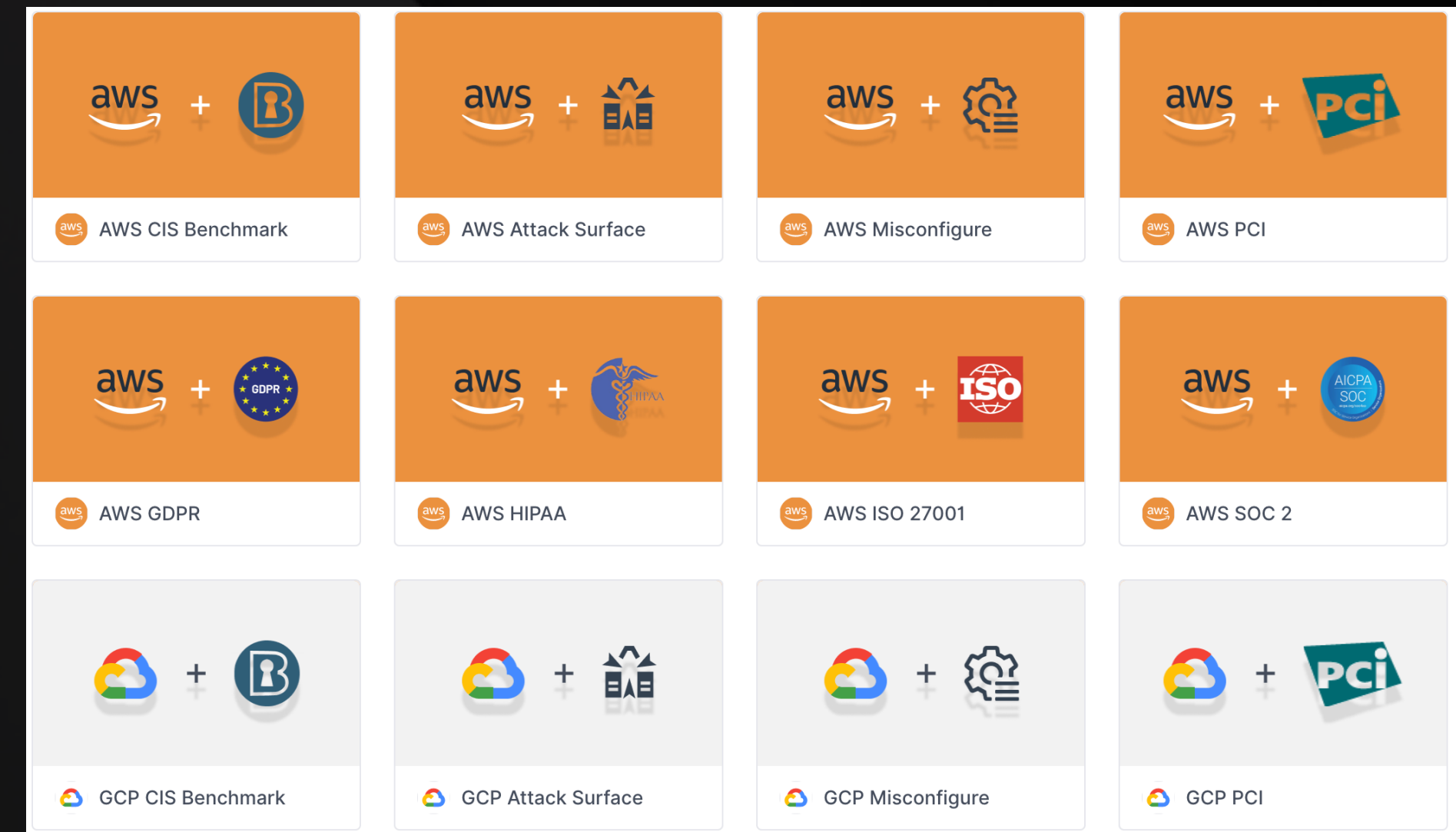
How does Selefra Cloud provide services?

Providers



Infrastructure data integration and analysis tool for developers

How does Selefra Cloud provide services?



Projects / CIS Benchmark

CIS Benchmark
CIS Benchmarks from the Center of Internet Security (CIS) are a set of globally recognized and consensus-driven best practices to help security practitioners implement and manage their c... New Run Task

Overview **Activity** Issues Connections Settings

← Back

80 Tasked by Selefra Cloud
success used 55s Rerun

solu cn Nov 16, 2022, 19:20:31 PM · 1 week ago

- ▶ Initializing 01s ✓
- ▶ Pull infrastructure 29s ✓
- ▼ Infrastructure analysis 01s ✓

```

2022-11-16 19:21:24 ----- Loading Selefra analysis code ...
2022-11-16 19:21:24 rules/dynamodb/automatically_scale_capacity_with_demand.yaml - Rule automatically_scale_capacity_with_demand: loading ...
2022-11-16 19:21:24 rules/dynamodb/dax_clusters_should_be_encrypted_at_rest.yaml - Rule dax_clusters_should_be_encrypted_at_rest: loading ...
2022-11-16 19:21:24 rules/dynamodb/dynamodb_tables_should_be_encrypted.yaml - Rule dynamodb_tables_should_be_encrypted: loading ...
  
```

CIS Benchmark
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Overview **Activity** **Issues** Connections Settings

Group by **Issues** Resource

| Title | Severity | Resource_Type | Issues | Date |
|---|----------|---------------|--------|------------|
| EBS encryption is disabled by default | Medium | EC2 | 17 | 1 week ago |
| a policy exists to allow all administrator privile... | Medium | IAM | 4 | 1 week ago |
| VPC security groups open port 22 | Medium | EC2 | 2 | 1 week ago |
| MFA is disabled for root user | High | IAM | 1 | 1 week ago |
| S3 Bucket not configured Block public access | High | S3 | 1 | 1 week ago |
| EBS volume are unencrypted | Low | EC2 | 1 | 1 week ago |

Terms Privacy Docs

Analyze your infrastructure data in less than few minutes, with rich modules for misconfiguration, attack surface, compliance framework and more.

Why Selefra Cloud ?



PARTNERSHIP DEED

- Partnership with Azure, AWS and other vendors
- Out-of-the-box automated products that are more cost effective to use
- Global expertise in public cloud security & compliance

Thanks



Selefra

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