



Zero Trust for Operations™

Policy as Code

Basil is a simple, declarative policy language and framework for development, security and operations (DevSecOps).

Unified Controls

Basil can enforce a common set of policies over all layers of the infrastructure and application stacks, as well as over all environments.

Policy Enforcement

Basil is a distributed system that firewalls environments and sequesters code and secrets to prevent errors and insider cyberattacks.

Next Generation Access Control

Basil implements U.S. National Institute of Standards and Technology (NIST) next-generation ABAC.

Transparent Integration

Basil integrates with existing development and cloud operations (DevOps) tools and APIs, as well as continuous integration and delivery (CI/CD) pipelines.

Audit and Accountability

Basil uses digital signatures and immutable, unified audit logging to ensure accountability for all actions, and provides selective audit visibility to internal or external auditors.

Basil Security, Inc.

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SOLUTION OVERVIEW

WHAT WE DO

Basil makes cloud environments and applications reliable and secure by preventing errors, security issues, and insider cyberattacks. Unlike other solutions, Basil enforces operational and security policies before the fact.

CONCEPTS

Traffic safety depends on people following rules; stopping at stop signs. A stop sign is like a policy. But there's nothing to guarantee that cars will stop at stop signs. It's up to the drivers. Unfortunately, people make mistakes and don't always follow the rules. The risk to the driver of getting caught after the fact is a deterrent but when there's a traffic accident, it's already too late.

Basil is like a smart city with self driving cars. If there's a proverbial stop sign, Basil is what guarantees that the cars always stop.

PROBLEM

Routine IT and cloud operations involve privileged access to environments, applications, and sensitive data, as well as to APIs, code, and secrets. But operational and security policies depend on people following the rules.

Existing security and policy tools strive to detect and remediate violations after the fact, but it's already too late to prevent operational impacts or security incidents. Policy enforcement before the fact, rather than detection and remediation after things have gone wrong, is a gap.

To make matters worse, there's no guaranteed link from enterprise level policies to department level policies, down to implementation across different teams, tools, and environments. Security and compliance audits retrace policy links, but audits are point-in-time snapshots that don't help when things go wrong.

SOLUTION

Basil Smart Policies look at systems, applications, and environments to decide when data access or program execution is safe, rather than relying on static rules or on the identity of the user.

Basil is a policy-as-code platform that creates a chain of integrity for policy enforcement across your organization. Basil keeps track of policies, approvals, changes, and other actions for security and compliance auditing.

Basil provides a REST API, handles events, and integrates transparently with existing development and operations (DevOps) tools and APIs. Supported tools include, but are not limited to, source control, continuous integration, infrastructure as code, configuration management, and orchestration systems.

ABOUT BASIL SECURITY

Basil Security Inc., the Zero Trust Operations™ company, is a provider of cybersecurity and audit capabilities for enterprises and highly secure environments. Basil's policy-as-code platform is the first proactive security policy enforcement solution based on attribute-based access control standards with unified, immutable audit logging. For more information, please visit <http://www.basilsecurity.com>.