

Axiomatics Externalized Dynamic Authorization

Reduce custom coding of security and speed time-to-market

Customizable API policy augments the MuleSoft Anypoint Platform™ with fine-grained access control capabilities

For customers implementing MuleSoft's Anypoint Platform™, Axiomatics provides a connector that enables integration with Axiomatics Policy Server. This provides fine-grained authorization for APIs, providing a context, risk and content-aware approach to securely sharing data and improving the customer experience.

Attribute Based Access Control (known as ABAC) is at the core of the Axiomatics Policy Server and has become the standard for managing user access, enhancing or replacing legacy models such as Role Based Access Control (RBAC). The Axiomatics Policy Server (APS) provides authorization services to the MuleSoft Anypoint Platform from a centralized service.

This externalized method of securing API calls and data is resource-efficient and scalable, enabling app developers and DevOps teams to offload access control to a specialized service.

Integration Details

- Download connector from MuleSoft marketplace, compatible with Anypoint version 4.2 and later.
- Easy integration via Anypoint configuration screens.
- Implement connector as a custom policy or within an API workflow.
- Augments existing native authorization with externalized, fine-grained access control.
- Flexible and simple authorization policy authoring.
- Expose data via the MuleSoft Anypoint API Manager securely.
- The solution can extend existing authentication and authorization standards such as OAuth and OpenID Connect.

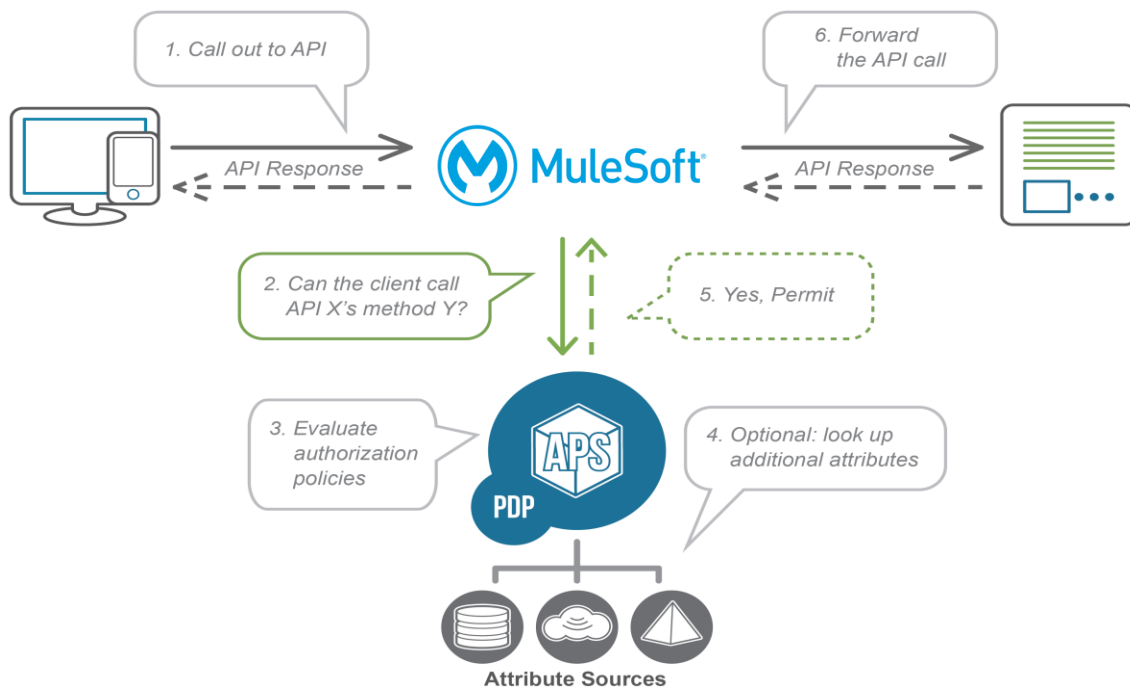
The Power of ABAC

Axiomatics leverages the Attribute Based Access Control (ABAC) model, the latest development in an evolution of access control models going back more than 40 years (according to NIST).

Axiomatics' solutions are utilized by government agencies and Global Fortune 1000 companies around the world to enable secure digital relationships and digital transformation: protect critical assets anywhere at any time, meet compliance requirements and minimize data fraud.

"Axiomatics' authorization capabilities enhance the Anypoint Platform with additional security functionality, enabling Anypoint Platform administrators to confidently deploy new APIs and microservices where governance, privacy and compliance are high priority requirements."

-Gerry Gebel, Axiomatics



Fine-grained authorization from Axiomatics is externalized from the MuleSoft Anypoint Platform. API calls are directed to the Axiomatics Policy Server. From there, these API calls are analyzed by the powerful Policy Decision Point (PDP) and evaluated against authorization policies – that can be customized to the needs of each organizations’ unique requirements and attribute sources. From there the API call is returned through the gateway with a permit or deny for the user’s access.

Ease the Burden of Development.

Efficiency

Externalizing authorization means less custom-coding of security by developers and a more efficient deployment model.

Centralized and Scalable

Adjustments to access control policies are created and edited in a central location in the Axiomatics Policy server, so new authorization requirements can be created once and implemented enterprise-wide.

Speed Time-to-Market.

Launch New Applications Faster

By eliminating time spent on complicated custom-coded integration projects and reducing deployment times.

Fine-Grained Security

A policy-based approach like dynamic authorization provides fine-grained access control and the protection of IP and critical assets that are part of fast-moving API projects.

Time

By removing the burden of creating security code, developers can stay focused on their core talent – creating great APIs.

Externalized dynamic authorization from Axiomatics empowers the access control of API initiatives to meet the demands of quickly-changing regulations, the need for scalable, flexible environments, and customer satisfaction.

Go to www.axiomatics.com to find more information.

