Anypoint API Governance



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MuleSoft has recently introduced the API Governance as a part of the Anypoint Platform that enables you to apply governance ruleset to your APIs that ensures API Consistency and provides default several ruleset such as a Top 10 OWASP API Security, Anypoint API Best Practices, OpenAPI Best Practices governance rulesets etc.

API Governance will ensure the APIs design across the enterprises is consistent and it is designed with API Best Practices and Guidelines and ensure the API Security and improve the quality of APIs.

Rulesets

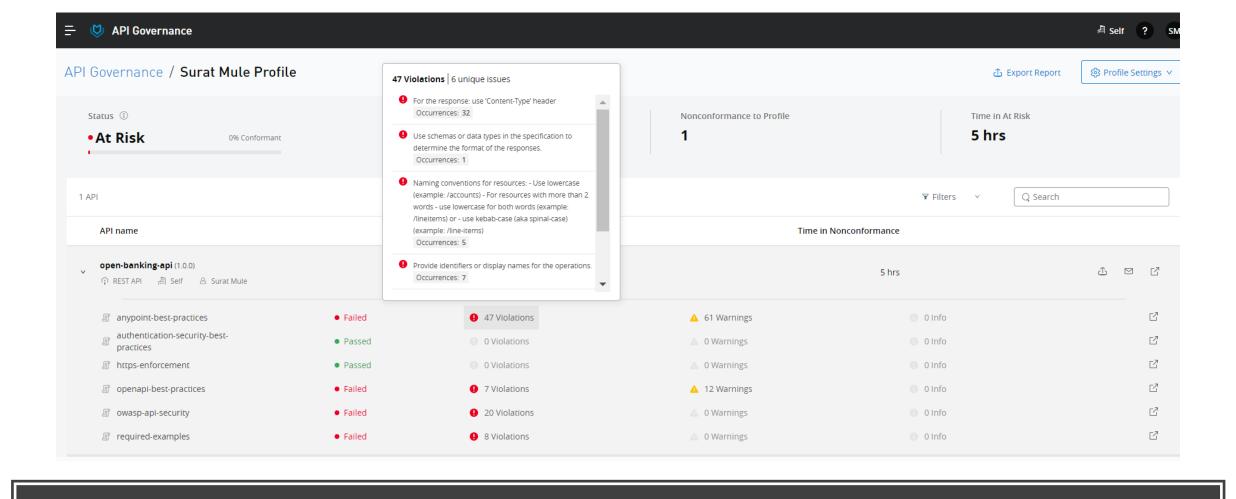
Choose one or more rulesets you want to use to govern your APIs.

Anypoint Best Practices	1.0.0	Authentication Security Best Practices	1.0.0	HTTPS Enforcement	1.0
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Ruleset with over 30 best practices for APIs		Set of 14 security best practices for API authentication		Ruleset to help ensure the use of HTTPS in APIs	
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OpenAPI Best Practices	1.0.0	OWASP API Security Top 10 2019 Checklist	1.0.0	Required Examples	1.0
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Set of 12 best practices for OpenAPI 3.0.x (compatible with OpenAPI 2.0)		Top 10 API Security Risks checklist maintained by the OWASP API Security Project		Ruleset to help ensure the presence of examples in API payloads	
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API Governance – Default Rulesets

API Governance – Default Rulesets

- Anypoint Best Practices https://anypoint.mulesoft.com/exchange/68ef9520-24e9-4cf2-b2f5-620025690913/anypoint-best-practices/minor/1.0/
- Authentication Security Best Practices https://anypoint.mulesoft.com/exchange/68ef9520-24e9-4cf2-b2f5-620025690913/authentication-security-best-practices/minor/1.0/
- HTTPS Enforcement https://anypoint.mulesoft.com/exchange/68ef9520-24e9-4cf2-b2f5-620025690913/https-enforcement/minor/1.0/
- OpenAPI Best Practices https://anypoint.mulesoft.com/exchange/68ef9520-24e9-4cf2-b2f5-620025690913/openapi-best-practices/minor/1.0/
- OWASP API Security Top 10 2019 Checklist https://anypoint.mulesoft.com/exchange/68ef9520-24e9-4cf2-b2f5-620025690913/owasp-api-security/minor/1.0/
- Required Examples https://anypoint.mulesoft.com/exchange/68ef9520-24e9-4cf2-b2f5-620025690913/required-examples/minor/1.0/



API Governance Conformance Report

API Governance - Benefits

- Enable developer to apply governance rulesets at design time.
- Produce consistent API specs across the enterprises.
- Improved API Quality and Security.
- API design with Anypoint Best Practices and OpenAPI Best Practices.
- Ensure Design-Time conformance.
- Reduce Top 10 OWASP security risks.

Thank You

