CodeScan by AutoRABIT

Eliminate Code Errors and Enhance Security in Salesforce

There are many factors that contribute to a healthy Salesforce® environment—and many liabilities that can create quality, security, and compliance risks. CodeScan addresses these potential liabilities with a double-sided, automated approach.

CodeScan provides static code analysis for total visibility into code health from the moment it's written through production. It is also a Salesforce Security Posture Management solution that governs organizational policies by enforcing the security and compliance rules mandated for your Salesforce environment. Together, these capabilities ensure the code that makes up your Salesforce environment and the way the environment is being utilized will always meet high standards.

The result is strengthened data security, streamlined DevSecOps processes, and an assurance of meeting compliance standards—avoiding thousands, potentially millions, of dollars in fines and lost opportunities.

CODESCAN'S COMPREHENSIVE COVERAGE

Real-Time Alerts
Developers are immediately notified when an error occurs

High-Level Analysis
Dashboards and reports provide up-to-date snapshots of code health

Flexible Integrations
Integrates with IDE plugins, enabling coders to work in a comfortable environment

High-Quality Code, Every Time

CodeScan immediately alerts developers the moment an error is introduced into the coding repository. More than 700 built-in rules, which align with OWASP, CWE, and SANS standards, check every line of code before moving on to the next development stage, saving time and money.

AI-generated code can be unreliable and even dangerous. CodeScan provides critical quality and security checks to clean up this code, preventing costly errors in your Salesforce environment.

CodeScan speeds code reviews through automated checks for bugs and vulnerabilities:

- Detection of code bugs & defects

- Real-time feedback on coding errors with IDE plugin

- Immediate notification and explanation of policy failures

- Code-quality benchmarking and technical debt assessment

- All rules available for the SFDX format

- Scheduled reports make exporting insights easy

- SAML-based SSO (available for an additional fee) for enterprise businesses

- Analyze MuleSoft security settings for vulnerabilities

- Compatibility with Apex, Visualforce, Lightning Web Components, Metadata, flows, and process builders

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Salesforce Security Posture Management

CodeScan enables Salesforce admins and compliance personnel to manage internal and customer policies without needing to touch a single line of code. CodeScan users scan these groups of rules with 100% accuracy to verify each requirement is consistently met.

CodeScan addresses metadata rules in areas of your Salesforce environment that need it most:

- Profiles
- Permission Sets
- User Settings
- Session Settings
- Flow

THREE-PRONGED APPROACH

Inventory Management:
Understanding your Salesforce org

Governance:
Setting the standards for your org

Analysis:
Finding and enforcing specified standards

Increased Visibility

CodeScan analyzes Salesforce policies to ensure the organization remains compliant with client-mandated specifications and guidelines. Violations are flagged and recorded in an interactive dashboard.

CodeScan tracks your progress for policy reviews. Collectively, these features ensure admins maintain governance control within their organization.

Ensure Proper Security in MuleSoft

AutoRABIT's MuleSoft scanner tool analyzes the security settings of these configuration files to ensure vulnerabilities aren't introduced into the system. The configuration files associated with MuleSoft APIs are scanned to identify and remediate potential vulnerabilities and cybersecurity risks.

This helps administrators oversee the management of third-party applications and avoid introducing additional data security vulnerabilities into their Salesforce environments.

CODESCAN BY AUTORABIT

Static Code Analysis

- Ensures consistent, high-quality code
- Reduces technical debt
- Speeds delivery velocity
- Integrates with popular IDE plugins
- Increases code visibility
- Promotes learning with immediate developer feedback
- Sanitizes problematic AI-generated code

Salesforce Security Posture Management

- 100% adherence to native and custom Salesforce policies
- Support for regulatory compliance standards
- Immediate notification and explanation of policy failures
- Thorough and specialized dashboards and reports
- Specification of policy parameters
- Easy to use, no-code interface
- Expands current CodeScan functionality