

PEACH API SECURITY®

SOLUTIONS COMPARISON

APIs allow your organization to efficiently gather, transport, and store critical business data. An increasing reliance on API backed technologies has necessitated robust testing to maintain organizational security and trust. Several web scanner tools are used to test and secure APIs with varying levels of success and difficulty.

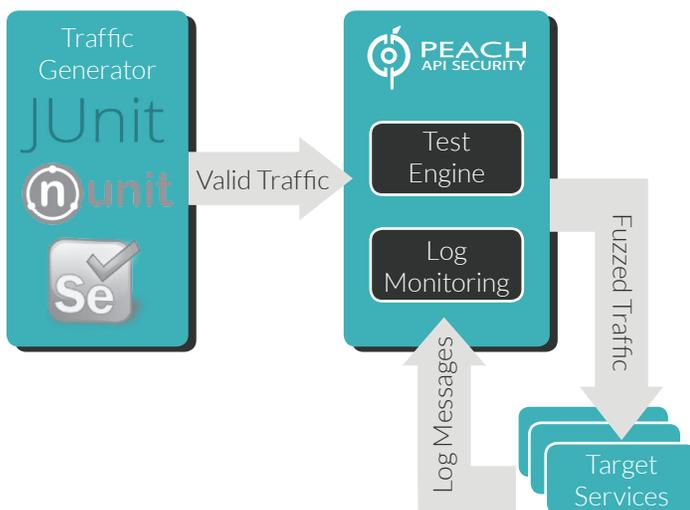
Peach API Security is a new class of API testing tool which leverages automation tests to search for vulnerabilities in applications. It is designed to be seamlessly integrated into engineering team's tools and workflows.

Comparing Peach API Security to Burp Suite

One of the most common questions about Peach API security is how it compares to Burp Suite.

Burp Suite is a generic testing tool that has been modified by security experts to test APIs. By crawling websites or applications, Burp analyzes traffic sent between the server and client. This gives testers the ability to detect basic security vulnerabilities in the APIs they are targeting.

There are several key differentiators that make using Peach API Security more efficient than Burp:



API Specific Testing

Burp is a security tool designed to test an older generation of websites. It is not equipped to handle modern authentication schemes or complex calls involving multiple APIs. Peach API Security utilizes developer team's automation tests so that it is able to handle all of the complexities of modern applications.

Automation

Applications are often comprised of many APIs or microservices. Burp requires the end user to manually configure the product for each API it is testing. Peach API Security leverages automation tests to automatically detect and test all of the APIs that comprise an application.

Retain Developer Workflow

Modern developer teams deploy frequent updates to their products. The time and cost it takes to find, verify, and fix bugs using Burp prevents organizations from testing each new version of their product. Peach is designed to integrate into modern agile development frameworks, ensuring each deployed version meets the same level of security.

Integrate with Developer Tools

Designed to be a standalone tool used by security penetration testers, Burp does not integrate with developer's existing workflows. Integrations with the leading CI systems, unit testing frameworks, and bug tracking solutions enable developers to improve the security of their products without the need to learn new tools.

Feature	Benefit	Peach API Security	Burp Suite	Acunetix	HP Web Inspect	IBM App Scan
API Specific Testing	Designed to test for bugs found in APIs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Automation Test Based Analysis	Provides comprehensive code coverage of entire application	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Authentication	Ability to handle modern authentication schemes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Complex API Calls	Ability to handle complex multi-step API requests	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Log Monitoring	Scanning logs for faults leads to more robust findings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
False Positive Prevention	Automatically filter out false positive results	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CI Integration	Integrations into CI systems automatically start testing when a build is kicked off	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bug Tracker Integration	Integrations into commonly used bug tracking software	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Designed for Developers	Designed to be used by developer team rather than security experts	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Testing Throughout SDL	Testing throughout the product development lifecycle lowers the cost of finding and fixing bugs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Non-Secure Build Prevention	Prevent non-secure builds from being deployed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>