Top 5 API Security Testing Challenges

1 Traditional tools struggle to handle API behavior.

Parasoft's solution*: Leverage the smart API test generator & existing API test scenarios to guide & drive DAST testing for deeper coverage that standalone DAST tools can't reach.

2 APIs are poorly documented.

Parasoft's solution*: Model API interactions between UIs & APIs to build the right test scenarios for undocumented APIs that can be exposed to DAST for security testing.

3 Developers & testers aren't trained in security.

Parasoft's solution*: Push security left into developers' daily activities. Run security tests as part of API functional testing, lowering the barriers to API security testing for untrained novice users.

4 Security doesn't understand API functionality.

Parasoft's solution*: Empower security teams with business logic to better understand API behavior to drive effective security testing. Leverage AI to scale test cases for comprehensive API security testing.

5 API interactions are complex.

Parasoft's solution*: Leverage the smart API test generator to understand API interactions & behaviors to generate the right tests. Reuse test to reduce the complexity of API security testing.

API
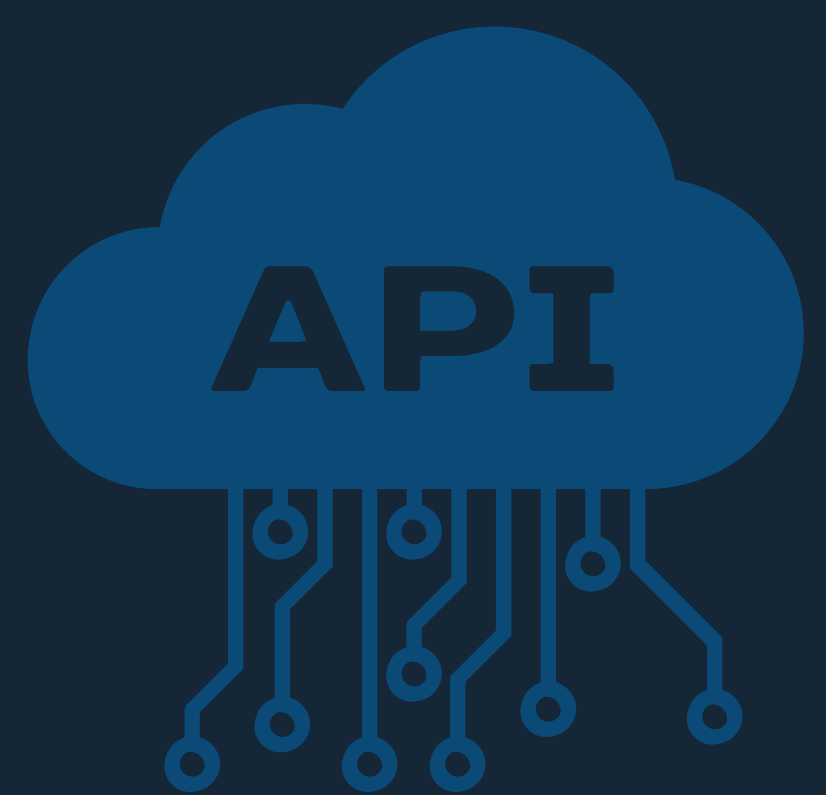
APIs represent
+80%
of all web traffic.

Attackers strike with techniques similar to how they attack vulnerable open source software.

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*Parasoft SOAtest + DAST