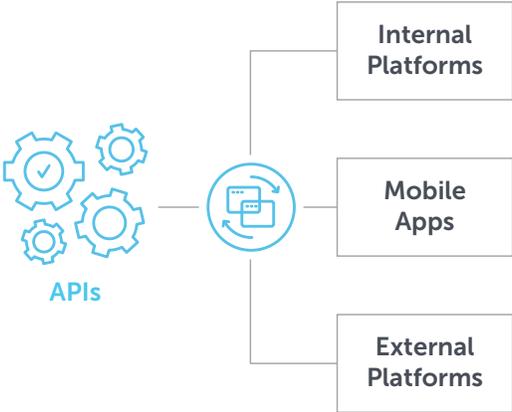


API Testing and Monitoring Platform

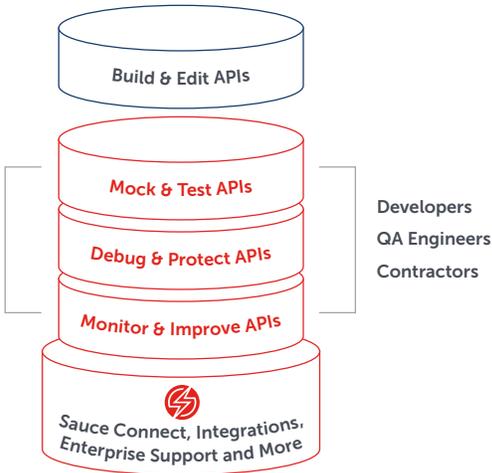
USABLE FEEDBACK | FAST TESTING AND DEBUGGING | EASY TEAM COLLABORATION

Just add Sauce to increase confidence in almost every stage of the API lifecycle. Start by running [Sauce Labs API Testing](#) in parallel with any API design or management process to significantly increase testing coverage and productivity. Gain the actionable and detailed feedback that developers and testing teams need to debug in-sprint, and release with confidence at any speed.



The diagram illustrates the integration of APIs with various systems. On the left, a cluster of four interlocking gears is labeled 'APIs'. A central circular icon containing a document and a refresh symbol is connected by lines to three rectangular boxes on the right: 'Internal Platforms', 'Mobile Apps', and 'External Platforms'.

APIs are amazing: they contain code to manage integrations among countless endpoints—and the business logic to use the integrations properly. That’s why APIs help to power the modern world. But this all means that many different types of stakeholders must be involved in maintaining API health and performance.



The diagram shows a vertical stack of five cylindrical layers representing the API lifecycle. From top to bottom, the layers are: 'Build & Edit APIs', 'Mock & Test APIs', 'Debug & Protect APIs', 'Monitor & Improve APIs', and 'Sauce Connect, Integrations, Enterprise Support and More'. The Sauce Labs logo is positioned to the left of the stack, and a bracket on the right side groups the middle three layers ('Mock & Test APIs', 'Debug & Protect APIs', and 'Monitor & Improve APIs') with the labels 'Developers', 'QA Engineers', and 'Contractors'.

APIs change often due to more companies shipping new features *faster*. One change can break an integration. You can control the complexity of APIs by unifying API quality processes and tools on a platform that your whole team and other teams can use together— from developers to QA engineers and non-technical testers.

CORE CAPABILITIES

A TRUE PLATFORM THAT EMBRACES OPEN SOURCE AND INNOVATION



Data-driven, E2E Functional API Testing

Get started quickly with an intuitive [Test Composer](#) that gives you powerful options to write or instantly generate and edit API tests. [Coming Soon: Forge](#) (a lightweight test executor that can be downloaded on any laptop or workstation).



API Monitoring

Go beyond uptime monitoring to transform the SLA performance of internal and third-party APIs. Reuse API tests as functional monitors that can be executed via a built-in scheduler for complete control of API monitoring in any environment.



API Mocking

Leverage API mocking to kill pipeline dependencies, and shift API testing left as early as design. Write API tests in parallel with API development even when services are unavailable or rate limited. Build API mocks manually or automatically from live API traffic.



Coming Soon: Functional Load Testing

Reuse functional tests as API functional load tests that capture E2E issues impacting performance. Isolate load issues in the API layer with detailed reporting, and accelerate debugging throughout the lifecycle.



Coming Soon: Contract Testing

Generate consumer-driven contract tests from spec files or recorded API traffic. Check on whether changes to spec files will be accepted by the producer and whether problems may arise if they are accepted. Quickly find and fix human error in spec files.

INCREASING API CONFIDENCE WITH SAUCE LABS

REDUCE RISK IN EVERY PART OF THE API LIFECYCLE

DETECT API BUGS WITH CONFIDENCE

Expand API observability for much improved test coverage and productivity. Test and monitor APIs with a complete range of coverage capabilities—including data-driven testing and positive/negative testing of endpoints and flows. Whether writing complex tests or instantly generating tests, ensure high observability in every test built by every stakeholder.

Key Takeaways

- Reuse functional tests as end-to-end tests that check whole API consumer flows, including unlimited assertions to capture real world scenarios
- Execute continuous API tests with the availability, speed, and cost-effectiveness of the Sauce Labs cloud platform
- Significantly reduce the risk of false-negatives with increased end-to-end observability that includes checking API side effects (Learn More: [Read eBook](#))
- Detect bugs in both staging and production that impact functionality and performance
- Connect secure, internal APIs to Sauce Labs API Testing with confidence by using [Sauce Connect](#) tunnels to maintain consistent testing quality and security

DEBUG AND PROTECT APIS WITH CONFIDENCE

Ultimately, API testing and monitoring offer little value if they cannot produce highly usable feedback loops and detailed reporting. Capture more bugs when risk is highest during design and in staging. Reuse end-to-end tests created with high domain knowledge as continuous monitors in production where bugs are the most costly and dangerous.

Key Takeaways

- Build, test and debug in a seamless “quality engineering” workflow by running Sauce Labs API Testing in parallel with any toolchain
- Quickly understand error reporting with detailed dashboards and reporting
- Capture live API conversations and transform them into tests or mocks
- Get detailed reporting about API bugs that identifies where the error happened and how to fix the bugs quickly
- Coming Soon: Compare specs (Swagger and OpenAPI) to API transactions to detect potentially dangerous anomalies via Contract Testing

DEVELOP APIS WITH CONFIDENCE

Optimize velocity by giving reliable feedback to developers that they trust and can use to make good, fast decisions at the individual, team and cross-team levels. Start by enabling developers to collaborate with high efficiency while building and validating in parallel: Sauce Labs API Testing is an API-first microservices platform built from the ground up with a modern UI to make life easier for developers, QA engineers and non-technical testers.

Key Takeaways

- Generate mocks and tests instantly from spec files or payloads—or write and validate APIs in parallel executions via a local IDE or CLI
- Reuse functional tests as end-to-end tests
- Generate synthetic testing data to execute tests in staging without delays

RELEASE APIS WITH CONFIDENCE

Modern shift-right testing must go beyond uptime to find costly bugs that only emerge in production due to the inability of staging environments to perfectly emulate production. As features move closer to production, test flakiness may increase due to siloed processes raising the risk of human error: although a build may pass a test designed for the goals of one internal or external team, it may not support the goals of other teams. Sauce Labs API Testing solves this “test bias” by abstracting visibility across all API testing happening across the organization into a global view, a single truth that does not become flaky throughout rapid iteration.

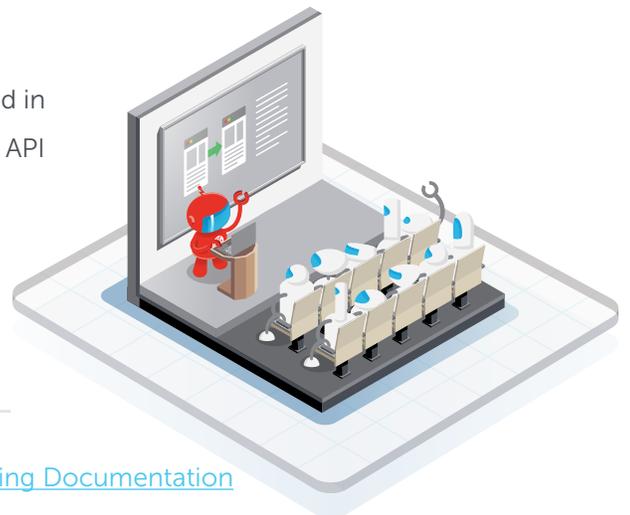
Key Takeaways

- Capture all API testing and monitoring across your organization in a centralized dashboard
- Enable managers to oversee internal and external testing teams
- Continuously improve test productivity, coverage, and debugging speed with insights from Sauce Labs
- Automate execution with any CI/CD platform or independently using a built-in scheduler

FLEXIBLE PLANS | MODERN PRICING

Configure Sauce Labs API Testing for your changing needs today and in the future. Execution-based pricing allows your team(s) to focus on API quality across all silos, rather than worry about who should get a paid seat license.

[Sign Up for a free Sauce Labs account to start using Sauce Labs API Testing for free!](#)



Find everything you need to begin testing in minutes in our [API Testing Documentation](#) including **Sauce School** with API testing tutorials, videos, test examples, and best practices.