

Sauce Labs Virtual Device Cloud

A core component of the Sauce Labs platform, built for teams running automated and manual testing of web and mobile applications.

A cloud-based solution providing desktop web testing across macOS, Windows, and Linux, plus mobile app testing on iOS Simulators and Android virtual devices, including the latest iOS, Android, and macOS releases running on ARM-native infrastructure.

Mobile app testing for iOS, Android, and beyond

SAUCE LABS SUPPORTS VIRTUAL DEVICES RUNNING THE LATEST IOS RELEASES 26 AND 27 AND ANDROID 16 AND 17 – WITH ANDROID NOW RUNNING ON ARM-NATIVE VIRTUAL DEVICES.

As the most scalable provider of virtual device testing, this represents a significant step forward for mobile teams who need consistent quality across both Apple and Android devices.

Both Apple and Android have transitioned to ARM architecture. Apple Silicon powers iPhones, iPads, and Macs. Android devices ship on ARM64 processors. Infrastructure that does not match this architecture introduces translation overhead, slower execution, and results that do not reflect real device behavior.

Sauce Labs is the first enterprise testing platform to offer ARM-native virtual Android execution at CI/CD scale, including support for ARM64-native libraries that x86 emulators cannot run, and configurable virtual device profiles for non-standard OEM screen sizes and hardware configurations.

Reduce test execution times

SAUCE LABS VIRTUAL DEVICE CLOUD PROVIDES SUPPORT FOR AUTOMATED MOBILE APP AND WEB TESTS ACROSS IOS AND ANDROID.

Broader testing coverage

Test against the latest iOS and Android versions to ensure full coverage and prevent quality issues from reaching production.

Better developer experience

Test apps with the latest platform features right from your development environment, saving time and accelerating release cycles.

Industry-leading testing performance

With iOS simulators on Apple Silicon and Android on ARM-native virtual devices, teams see dramatically faster session starts and test execution.

Virtual Desktop and Browser Testing

SAUCE LABS VIRTUAL DEVICE CLOUD DELIVERS DESKTOP WEB TESTING ACROSS ALL THREE MAJOR PLATFORMS: MACOS, WINDOWS, AND LINUX.

Test the latest macOS 27 release, Golden Gate on ARM infrastructure with Safari, Chrome, and Firefox; Windows with Edge, Chrome, and Firefox; and Linux with Chrome and Firefox — across multiple desktop resolutions.

Wherever your users browse, Sauce Labs Virtual Device Cloud provides the coverage to match, on infrastructure built for reliability, performance, and accelerated test execution times.

Features

GET ALL THE FEATURES AND BENEFITS OF RUNNING SAUCE LABS VIRTUAL DEVICE CLOUD FOR YOUR AUTOMATED AND MANUAL MOBILE APP TESTING REQUIREMENTS.

Ensure cross-platform coverage

Access thousands of browser and OS combinations for your testing requirements, including iOS and Android on ARM, with no management overhead.

Test fast at massive scale

Go from zero to 1,000s of parallel tests, with a mix of web browsers and operating systems, to get your results in seconds on best-in-class test infrastructure.

Built-in parallel execution

Limitless scale to run tests concurrently across virtual devices, shortening test execution times.

Efficient debugging

The broadest suite of diagnostics, Insights, and test result assets, including logs, video recordings, and screenshots.

Live testing + Dev Tools

Validate functionality and user experience in real time with live testing. Diagnose and debug quicker with Chrome DevTools to build better apps and websites.

Faster visual feedback

Automate UI and visual testing to catch every change and keep a record of results. Compare snapshots, spot differences, and release with confidence and compliance.

Extensive integrations and frameworks

FRAMEWORKS



CI / CD



Enterprise-grade security, built in

Sauce Labs provides a secure and compliant platform certified for SOC 2 Type II, SOC 3, ISO 27001, ISO 27701, FSQS, and KY3P. Our infrastructure includes private testing environments and secure proxy tunnels (Sauce Connect) to protect your proprietary code and traffic.



Take control of your release cycles.

Start engaging with your test data today to uncover the insights you've been missing.