

Mobile App Testing For iOS 18 And Beyond

Sauce Labs now supports virtual devices running iOS 17.5, iOS 18, and beyond! As the most scalable provider of virtual device testing, this represents a massive leap forward for mobile teams in providing a quality experience across Apple devices.

Since Apple has transitioned from Intel to their proprietary Apple Silicon architecture, the development and testing landscape has massively shifted. This family of processors designed by Apple uses ARM architecture, which now powers a variety of Apple devices.

As a result, Apple is slowly ending the support for Intel based machines in their software including MacOS, iOS Simulators, Safari and Xcode. Even if everything is still functional, the performance of new versions of those Apps is significantly degraded.

Improve Start Times and Reduce Test Execution Times

Sauce Labs Virtual Device Cloud provides support for automated mobile app and web tests for both iPhone and iPad models running iOS 18. You can expect:

Improved testing performance

Apple Silicon was created to improve overall performance of the Mac operating system with a reported 2.5x improvement in rendering speeds. This has a direct correlation with faster functional UI tests on Sauce Labs. Our benchmark tests show improved session start times up to 65%, as well as a 40% improvement to test execution time, compared to earlier versions.

Broader testing coverage

Have access to testing new versions of iOS for complete coverage that reduces the risk of quality issues escaping into production.

Better Developer Experience

Test apps with the latest iOS 18 features right from your development environment, saving time and accelerating release cycles.



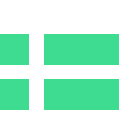





"The team was running tests on iOS 17 but our train conductors use devices running iOS 18. Moving to iOS 18 on Sauce Labs simulators let us exactly mimic these devices for quality testing, plus our test durations have reduced by 4X."

Bruno Quercia, Product Manager, SNCF Connect & Tech.
Sylvie Poirier, Quality Analyst, SNCF Connect & Tech.

Sauce Labs Virtual Device Cloud

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 with no management overhead.	 Test fast at massive scale Go from zero to 1,000's 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 With the broadest suite of <u>diagnostics</u> , <u>Insights</u> and test result assets (logs, video recordings, screenshots).	 Live testing + Dev Tools Validate functionality and user experience in real time with live testing. Diagnose and debug quicker with Chrome DevTools and Safari Web Inspector to build a better website.	 Faster Visual Feedback Streamline UI and visual testing with automation to ensure nothing gets missed and to provide a record of completion. Compare snapshots, detect visual differences, and ensure high-quality, compliant releases.

Secure By Design







Execute tests securely through compliant data centers with SOC 2 Type II, ISO 27001, and ISO 27701 certification, ensuring that your software not only works well but also meets all necessary legal and security requirements.

Extensive Integrations and Frameworks

Optimize testing in your CI/CD pipelines

 Jenkins GitHub Travis CI Circle CI Bamboo Teamcity Azure DevOps GitLab

Work with your preferred test automation frameworks

 Selenium Cypress Playwright Cucumber.js TestCafe Puppeteer