

Web Application Testing

Testing web apps with mobile and desktop browsers in the Sauce Labs cloud is easy. For automated tests all you need to do is:

1. Update your test script with your Sauce Labs credentials and the path to the website you want to test, as shown in the example scripts in [Instant Selenium Tests](#).
2. If the website you want to test is on localhost or behind a firewall, you need to set up a secure [Sauce Connect tunnel](#) so our browsers can connect to it.
3. Set the [desired capabilities of your test](#) for the platform/operating system/browser you want to test against. The topics in [Test Configuration and Annotation](#) describe the various options for desired capabilities, or you can use our [Platform Configurator](#) to set up the desired capabilities of your test.

These topics will take you through all you need to know about live and automated web application testing with Sauce.

- [Supported Platforms, Operating Systems, and Browsers for Website Tests](#)
- [Live Testing of Web Apps with Sauce Labs](#)
 - [Live Web App Testing on Mobile Browsers with Virtual and Real Devices](#)
 - [Troubleshooting Live Web App Tests](#)
- [Automated Testing of Web Apps with Sauce Labs](#)
 - [Automated Web App Testing on Desktop and Mobile Browsers](#)
 - [Example Selenium Scripts for Automated Web App Tests](#)
 - [Ruby Test Setup Example](#)
 - [Python Test Setup Example](#)
 - [PHP Test Setup Example](#)
 - [Setting Up Sausage for Windows](#)
 - [Setting Up Sausage for OS X and Linux](#)
 - [Setting Up curl/OpenSSL Support for PHP on Windows](#)
 - [Enabling the PHP curl Library for Windows](#)
 - [Node.js Test Setup Example](#)
 - [Java Test Setup Example](#)
 - [C# Test Setup Example](#)
- [Live Web App Testing on Desktop Browsers](#)
 - [Starting Live Website Tests from Automated Tests](#)
- [Troubleshooting Automated Web App Tests](#)
 - [Troubleshooting Automated Website Tests](#)
 - [Common Error Messages](#)
 - [Custom Sauce Labs WebDriver Extensions for Network and Log Commands](#)
 - [Debugging Tests with JavaScript Console Logs and HAR Files \(Extended Debugging\)](#)