

Get started

Welcome to the Perfecto Documentation Portal. This space includes everything you need to get started and to get the most out of our product.

Overview of services

Click a tab to view a description of the respective service.

On this page:

- [Overview of services](#)
- [Access and navigate the Perfecto UI landing page](#)
- [Choose a workflow](#)

Automated testing

The Perfecto Lab integrates with a wide variety of automation test frameworks, eliminating any problem that organizations may face to be limited to a specific automation test framework. This flexibility enables teams to unify their approach to testing digital experiences across multiple devices and technologies. You can automate the Perfecto Lab and the devices accessible over the network using:

- Selenium's RemoteWebDriver to automate web applications on any mobile platform
- Selenium's dedicated browser drivers or RemoteWebDriver to automate desktop web applications
- Appium's drivers for iOS or Android applications on mobile devices
- Espresso or Robotium unit or UI tests on a variety of actual Android devices rather than simulators
- XCTest or XCUI Tests for unit testing or UI testing of iOS based applications

For more information, see the [Automation frameworks](#) section.

Manual testing

With Perfecto, you can select one or more mobile or desktop web devices and immediately start testing in the lab as if the devices were in your own hands. You can also save a report and then analyze it with Smart Reporting.

For more information, see the [Manual testing](#) section.

Codeless testing

Perfect Codeless is AI-driven test automation that is based on Selenium. It lets you:

- Complement or replace Selenium for test creation.
- Create tests on the fly using record and playback functionality.
- Add checkpoints and validations for objects, text elements, and visuals.
- Identify and resolve bugs quickly and easily.
- Defer maintenance time due to algorithms that self-heal website element locators.
- Manage tests easily with the build-in test management capabilities.
- Integrate tests with CI/CD tools.

For more information, see the [Codeless automation](#) section.

Test Analysis

Perfecto's Smart Reporting feature provides extensive test analysis capabilities in form of a multiple execution digital report. The Test Analysis UI enables quick navigation within your latest build execution. It provides visibility of your test execution status and lets you quickly identify potential problems with an aggregated report. You can:

- Hone-in and explore your test results within customized views that include logical steps and synced artifacts.
- Distinguish between test methods within a long execution.
- Add personalized logical steps and tags according to your team and organization.

For more information, see the [Test analysis with Smart Reporting](#) section.

REST API

Perfecto provides a rich REST API that you can use to extend the automation of Selenium and Appium with functionality not readily available with frameworks that target emulators. These features include the following and more:

- Select the device to test on, whether a mobile or desktop.
- Use the device sensors to verify your application's integration with the camera, fingerprint sensor, and more.
- Generate phone calls or SMS messages from a device with a SIM card.
- Create a virtual network to automate the applications in different environments.

For more information, see the [REST API](#) section.

Perfecto Connect

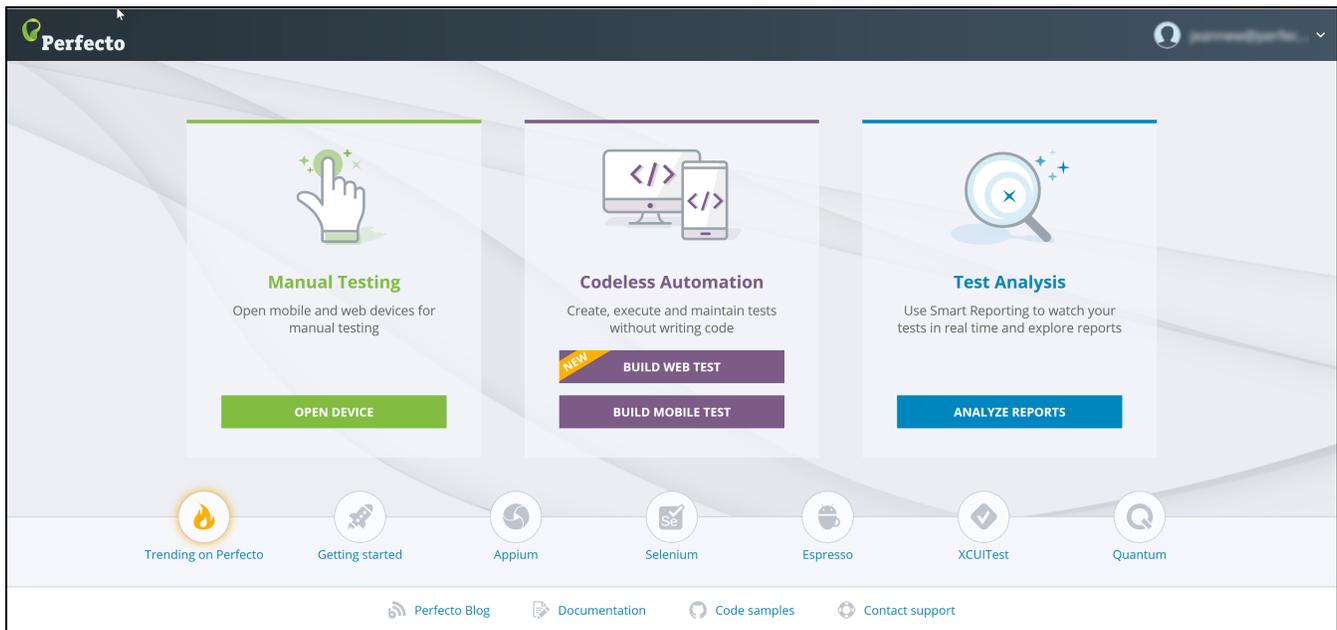
Perfecto Connect is a secured network connection that supports testing mobile or web apps hosted on the local development network by opening a direct connection between devices in the Perfecto Lab and a local network/backend server or a staged app that is not publicly available in other environments. This dedicated tunnel connection precludes the need for opening a VPN tunnel or defining the Perfecto Lab in the IP whitelist of the development network. Perfecto Connect involves:

- Using a simple client command-line interface to establish the dedicated tunnel to the Perfecto Lab
- Selecting devices in the Automation script and associating them to the relevant tunnel
- Running the tests on the applications that reside in the secure zone of the development network

For more information, see the [Perfecto Connect](#) section.

Access and navigate the Perfecto UI landing page

1. To access the Perfecto UI landing page, go to the following URL:
`https://<YOUR LAB ID>.app.perfectomobile.com`
where `<YOUR LAB ID>` is the name assigned to the Perfecto instance that you are connected to.
2. On the login page, enter your `username` and `password` and click **SIGN IN**.
3. On the landing page, use the icons in the center of the page to access the available Perfecto services:
 - **Manual Testing** leads to the [device selection](#) and an interactive testing interface, where you can open mobile or desktop web devices for testing.
 - **Codeless Automation** leads to the interface that lets you create codeless automation scripts for mobile and web automation.
 - **Test Analysis** leads to [test reports](#) and a [live stream](#) (formerly know as the execution center) of all executions currently in progress.



Choose a workflow

Based on your role, expand a section below to view the associated workflow.

Manual tester

1. Select a device
2. Start testing:
 - Mobile testing
 - Desktop Web testing
3. View the report
4. Analyze the test results

Automation engineer

1. Configure a test script for Perfecto:

If you are testing desktop web	If you are testing mobile devices
Selenium	Appium XCUITest Espresso

2. Implement the reporting framework

3. Run the test script.
4. View the report
5. Analyze the test results