

Select a device for manual testing

The **Manual Testing** view displays all devices in the Perfecto lab, either in list or tile format. You can sort the order of appearance, for example by availability. For each device, Perfecto indicates:

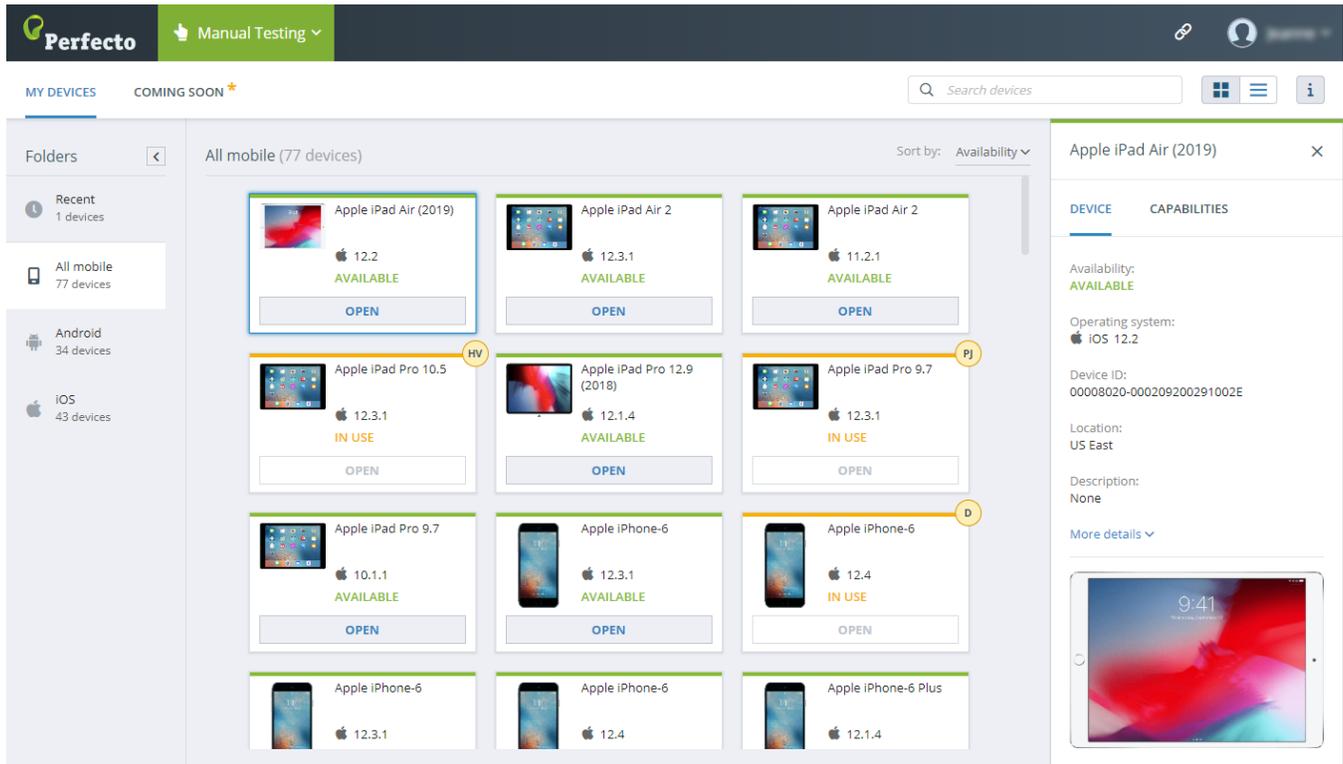
- Model
- Status (Available or In Use)
- Current user, if the device is in use. If you need to contact the user locking the device, you can move the pointer over the user icon and select **Send email**.
- Operating system
- Device ID (only available in list view)
- Location (only available in list view)

On this page:

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The left pane contains folders that you can select to focus on only mobile or web devices, or only devices of a specific OS. You can minimize this pane by clicking the left arrow .

You can open a [mobile](#) or [web](#) device for manual testing or to generate capabilities for [automated testing](#). Up to 6 sessions can run in parallel. A device session times out after 15 minutes of inactivity. If it is not in use by another user, you can reconnect to the device from the **My Devices** tab.



The screenshot shows the Perfecto Manual Testing interface. The top navigation bar includes the Perfecto logo, a 'Manual Testing' dropdown, and user profile icons. Below the navigation, there are tabs for 'MY DEVICES' and 'COMING SOON'. A search bar and view toggles are also present. The main area displays a grid of mobile devices under the 'All mobile (77 devices)' folder, sorted by 'Availability'. Each device card shows a thumbnail, model name, OS version, status (AVAILABLE or IN USE), and an 'OPEN' button. A details pane on the right is open for an 'Apple iPad Air (2019)', showing fields for DEVICES, CAPABILITIES, Availability (AVAILABLE), Operating system (iOS 12.2), Device ID (00008020-000209200291002E), Location (US East), and Description (None). A 'More details' link and a device image are also visible in the details pane.

Display device information

Perfecto displays detailed basic information on the selected device in the details pane on the right.

To display device information:

- In the list or tile view, click a device to select it. The details pane for the device opens on the right. Clicking **More details** reveals additional information.

	Mobile device	Web device
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Basic info	<ul style="list-style-type: none"> • Availability: The status (Available or In Use) • Operating system: The type of OS and the version number • Device ID: The identifier of the device • Location: The location of the data center where the device is connected • Description: The content of the Description field (if available) 	<ul style="list-style-type: none"> • Availability: The status (Available or In Use) • Operating System: The version for Windows or the OS-Name for Mac • Browser: The selected browser and version (see a list of supported versions here). • Resolution: The display resolution of the VM • Location: The hosting location of the VM (for Windows devices)
More details	<ul style="list-style-type: none"> • Network: The carrier (if the device is connected to a wireless carrier) • Phone number: The phone number of the device (if the device is connected to a wireless carrier) • Firmware: The firmware version installed on the device • Distributor: The company responsible for the device • IMSI: The International Mobile Subscriber Identity (IMSI) number of the device • Automation: The automation framework used 	N/A

Open a device for testing

You can open any mobile device in the lab or resume a recent web session on a VM that is currently not in use. For desktop web devices, you can also start a new web session. Every device opens in its own, dedicated tab.

Important: If the **popup blocker** is active in the browser, you may need to click **Always Allow** to permit the Perfecto Lab to generate the new tab for the device session.

To open a device for testing (mobile or web):

- Double-click a list row or tile.
- In the list view, move the pointer over a row to display the **Open** button; then click **Open**.
- In the tile view, in the tile for the desired device, click **Open**.

To start a new web session:

1. In the Web folder, click **Open New Web Session**.
2. In the **Open new web session** form, select the platform (Mac or Windows), the operating system, the browser and version, the resolution, and the location.

Open new web session

Mac	10	Chrome	beta	1024x768	Australia
Windows	8.1	Edge	77	1280x1024	Germany
	7	Firefox	76	1366x768	US East
		Internet Explorer	75	1440x900	
			74	1600x1200	
			73	1920x1080	
			72	2560x1440	
			71		
			70		

URL to test (optional):

[View capabilities](#)
CANCEL
OPEN

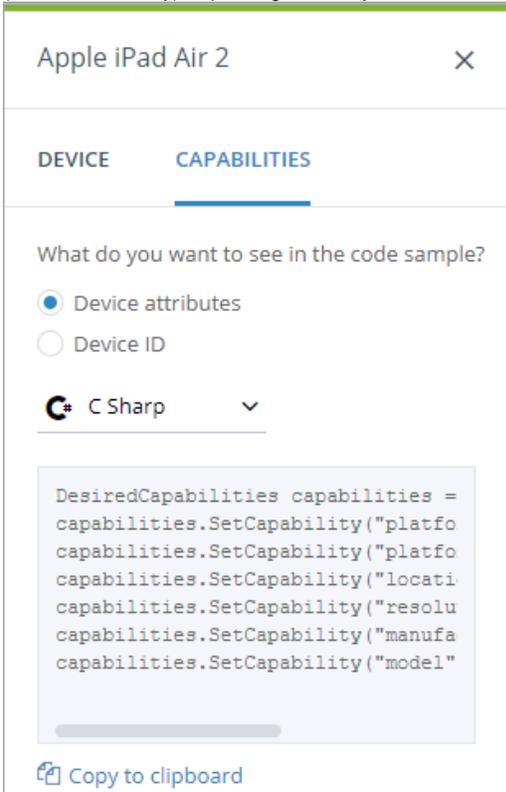
3. (Optional) Enter the URL you want to test.
4. Click **Open**.

Generate capabilities

In the details pane on the right, on the **Capabilities** tab, you can auto-generate the capabilities required for automated testing. Perfecto creates a code sample in the programming language of your choice (Java, JavaScript, Python, Ruby, C#, or PHP) that you can then copy and paste into your Selenium or Appium script to select the device using the **DesiredCapabilities** object. For more information on using capabilities, see [Define capabilities](#).

To generate capabilities (for mobile and web devices):

1. In the list or tile view, click a device.
2. In the details pane on the right, click the **Capabilities** tab.
3. (Mobile device only) Depending on what you want to see in your code sample, select **Device attributes** or **Device ID**.



4. From the drop-down list, select the programming language to use.
5. The code snippet is updated automatically.
6. Click **Copy to clipboard**.
7. Paste it into your existing script.