

SeeTestAutomation- Connecting Cloud Devices

This guide will show how to connect to remote devices connected to the Cloud.

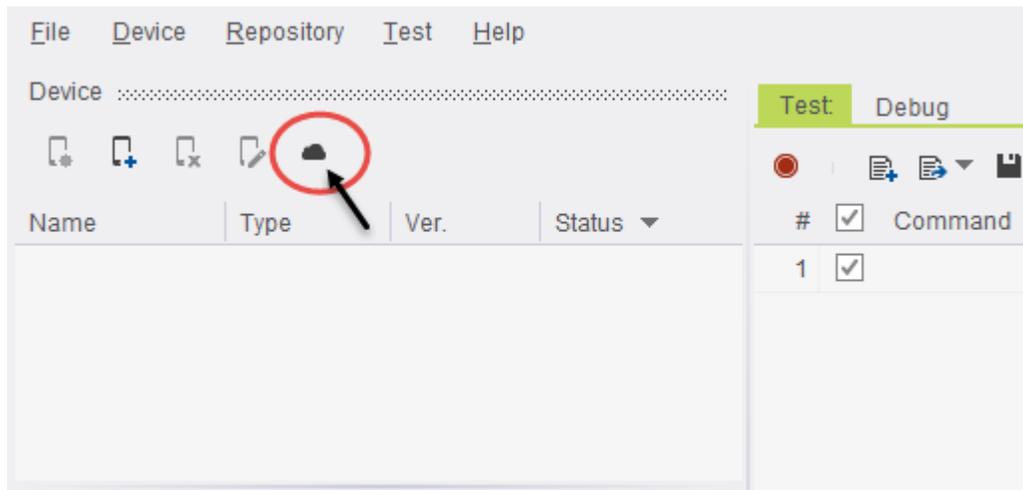
Note :

Since version 12.0 SeeTest studio is compatible 4 sub-version to cloud e.g. SeeTest studio 11.7 is the maximum version that is compatible with SeeTestCloud 12.0

Prerequisites:

- Studio with a license that has the Cloud feature enabled.

Step 1: In the studio, click on the Cloud icon to open the Cloud user module.



Step 2: Add the host IP and port to the Cloud Server machine.

Note: You can get the IP of the Server machine by typing 'ipconfig' at the command line. The default port that the Cloud server uses is the port specified during installation. If you did not override the default port, then this is port 80.

Step 3: Add the credentials given to you by the Cloud administrator.

Cloud Devices

Name	Type	OS Version	Model	Manufacturer	Reservation	User	Device Host ...	Location	Latency	ID
USER's iPhone	Apple	7.0.4	iPhone 5c	Apple			192.168.200...	London	Good	765a87eba9
sm-g900f	Android	4.4.2	SM-G900F	samsung			192.168.200...	London	Good	64654769
02dfe56321089ac2	Android	4.4.4	Nexus 5	LGE			192.168.200...	London	Good	02dfe563210
USER's iPhone	Apple	8.1.3	iPhone 6	Apple		ayushi@user4	192.168.200...	London	Good	569801f701:

Configure Cloud Server

Host / IP:

Port:

User:

Password:

Secure: Server supports secure connection

Server: [redacted] | User: ayushi | Connected: true | Version: [redacted] | Devices: 4 | Online Devices: 4

Step 4: Click on the 'Test' button to verify that the connection with the server is as expected.

Server Connectivity

Connected successfully

Step 5: If the connection is successful, click OK on both pop-ups ('Server Connectivity' and 'Cloud Server Connection'). If the connection failed - verify you entered the right IP and Port as well as Username and Password.

You will then see the available devices:

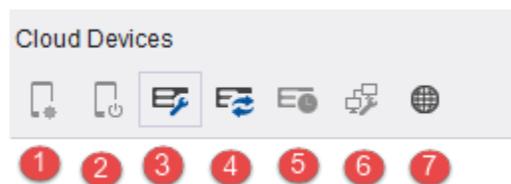
Cloud Devices

	Name	Type	OS Version	Model	Manufacturer	Reservation ▲	User	Device Host ...	Location	Latency	ID
	USER's iPhone		7.0.4	iPhone 5c	Apple			192.168.200....	London	Good	765a87eba9
	sm-g900f		4.4.2	SM-G900F	samsung			192.168.200....	London	Good	64654769
	02dfe56321089ac2		4.4.4	Nexus 5	LGE			192.168.200....	London	Good	02dfe563210
	USER's iPhone		8.1.3	iPhone 6	Apple		ayushi@user4	192.168.200....	London	Good	569801f701:

Server: | User: ayushi | Connected: true Version: | Devices: 4 | Online Devices: 4

Close

Further Possible Actions

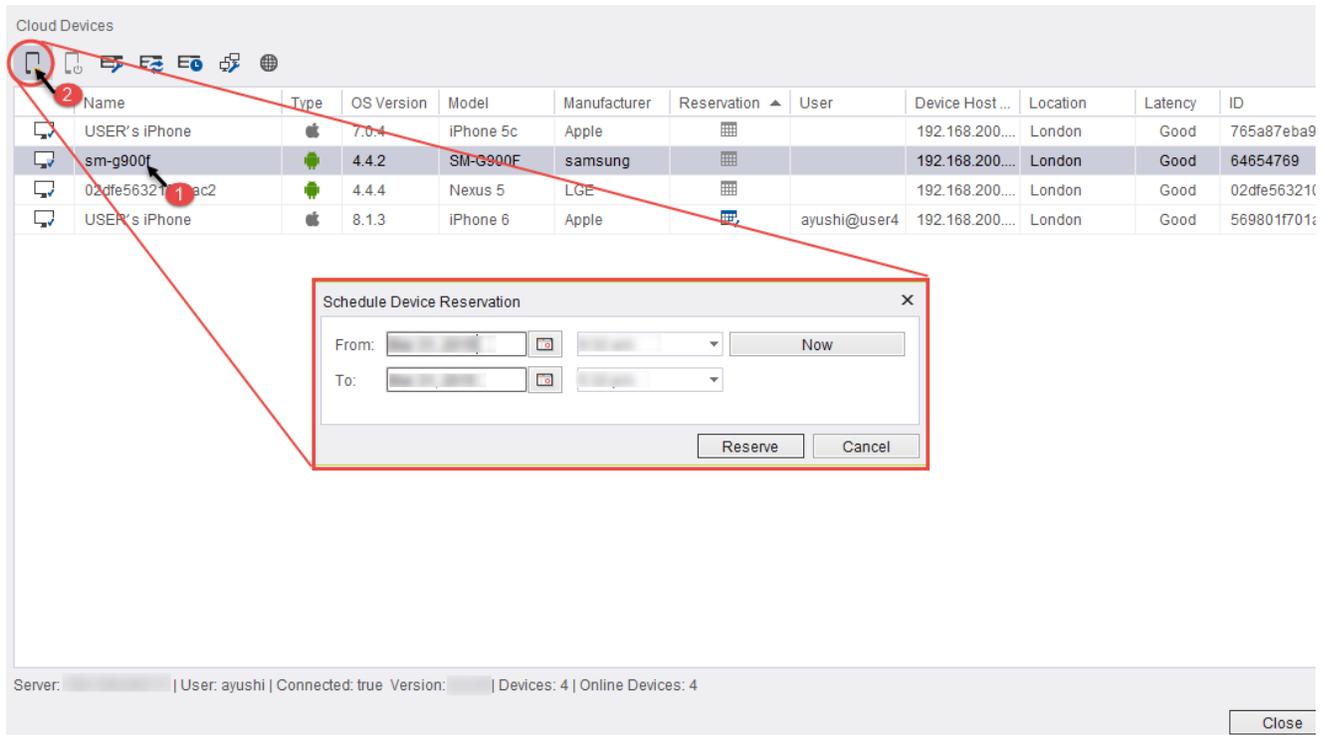


1. Reserve Device
2. Release Device
3. Configure Cloud Server
4. Refresh Cloud Server
5. Show Device Reservation
6. Check Network Connectivity
7. Open Cloud Web Portal in Browser

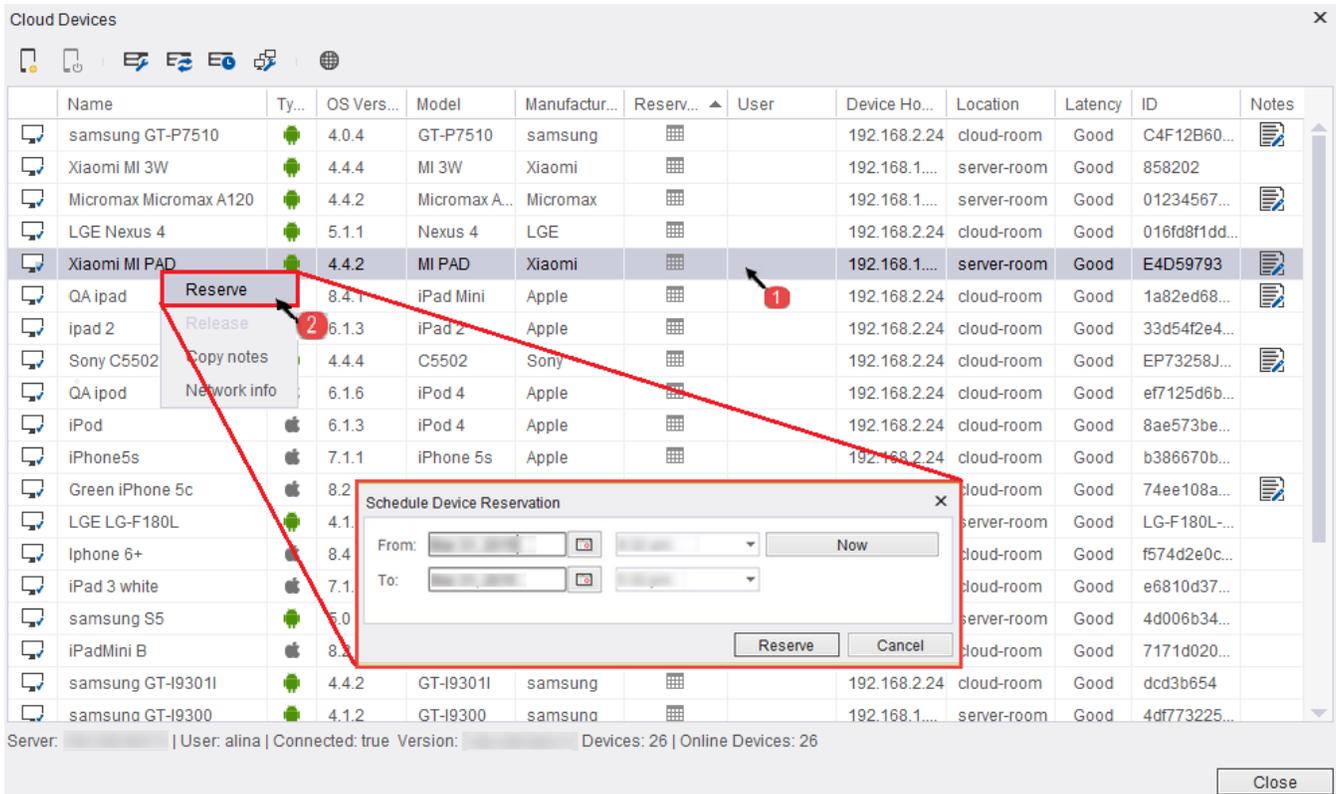
Reserve device

Steps 1 + 2: Select the device you want to reserve by one of the following ways:

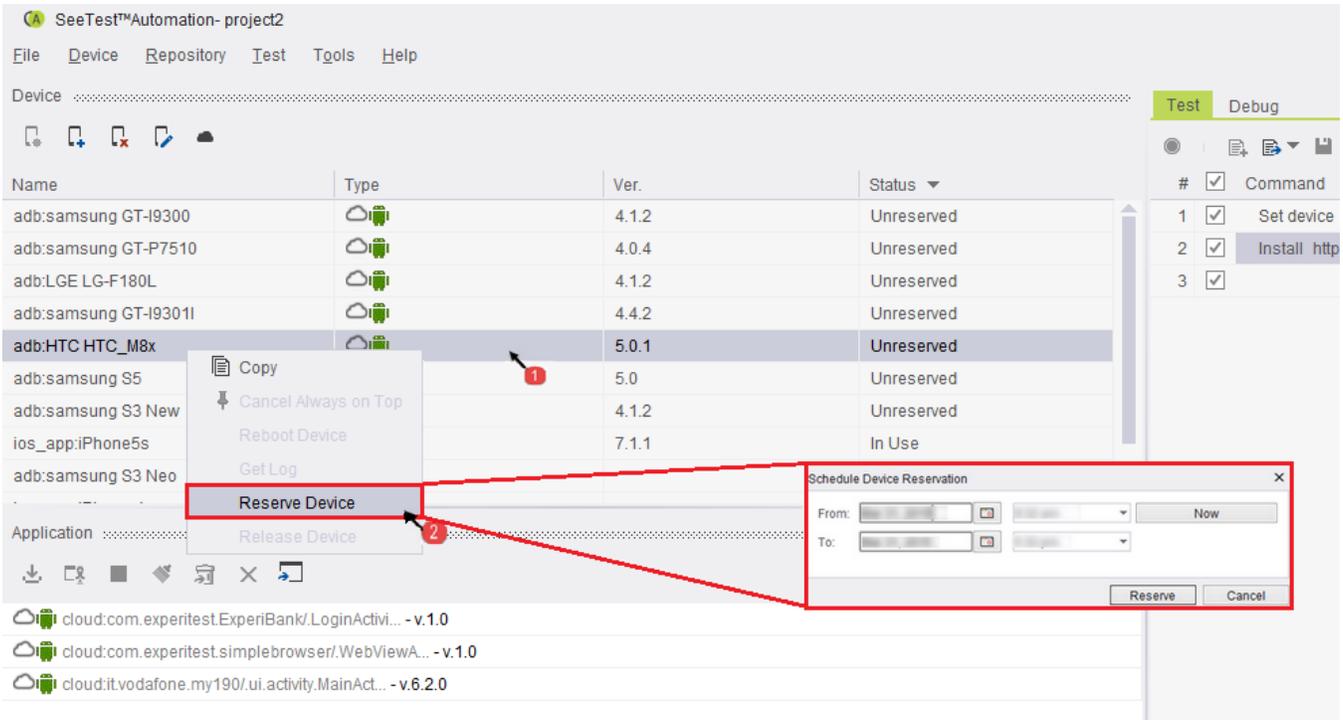
- Click the row which corresponds to the device you would like to reserve in the "Cloud Devices" table (1) and then click "Reserve Device" button (2).



- Right-click the row which corresponds to the device you would like to reserve in the "Cloud Devices" table (1) and then select "Reserve Device" in the menu (2).



- Click the row which corresponds to the device you would like to reserve in the Device table (1) and then select "Reserve Device" in the menu (2).



After the device is chosen, you will be prompted with a window to schedule the reservation.

You can reserve the device for any time in the future or immediately by clicking the 'Now' button'.



Step 3: Click the reserve button to make the reservation.

Cloud Devices

	Name	Type	OS Version	Model	Manufacturer	Reservation ▲	User	Device Host ...	Location	Latency	ID
	02dfe56321089ac2		4.4.4	Nexus 5	LGE			192.168.200...	London	Good	02dfe563210
	USER's iPhone		8.1.3	iPhone 6	Apple		ayushi@user4	192.168.200...	London	Good	569801f701a
	sm-g900f		4.4.2	SM-G900F	samsung		ayushi@user4	192.168.200...	London	Good	64654769

Server: | User: ayushi | Connected: true | Version: | Devices: 3 | Online Devices: 2

Close

The device is now reserved.

The user will be promoted with the add device window.

After clicking OK, this device will be visible under the device tab.

Note: Notice the cloud sign near the device name, this way you can tell if the device is local or not.

Devices Report Mini Recorder

Name	Type	Status ▼
adb:GT-I9300		Ready
adb:GT-S7582		Ready

Release device

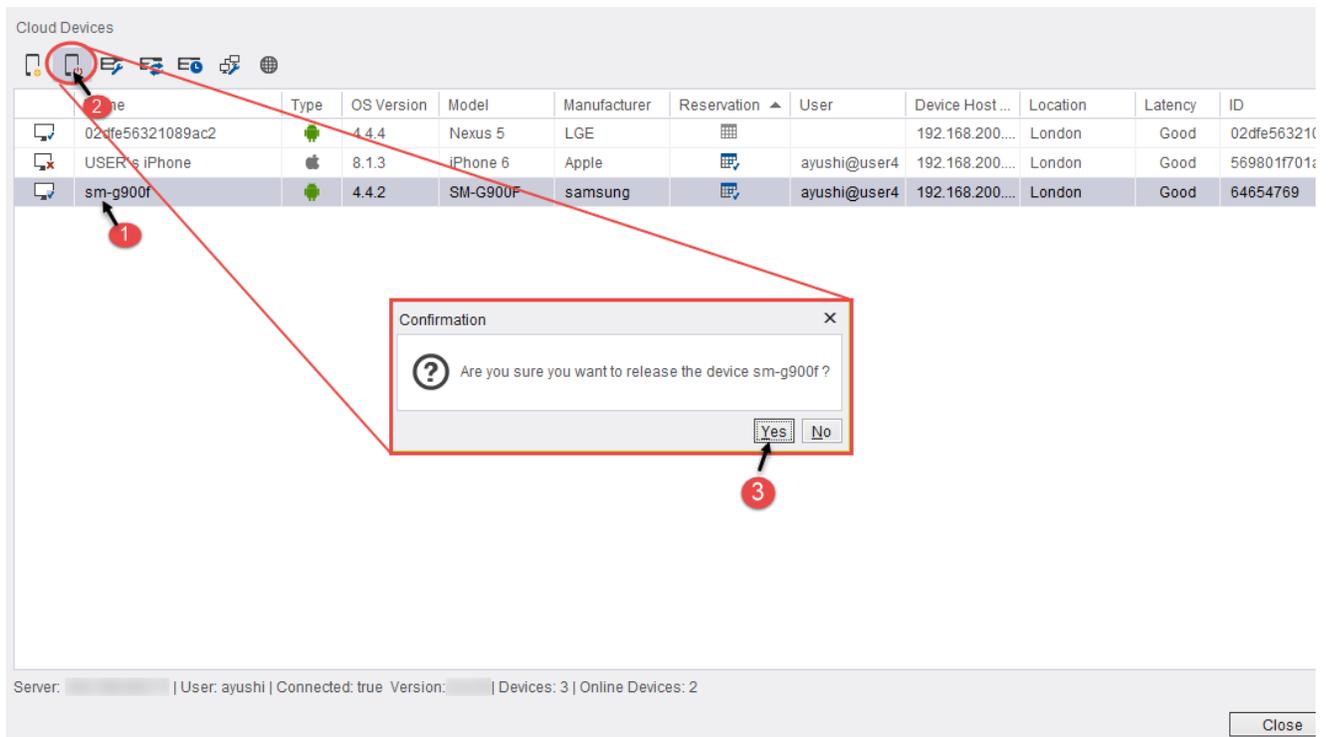
After finishing working with the device, we would want to release it. We can do it from the "Cloud Devices" table or from the Device table.

- In "Cloud Devices" table:

Step 1: Mark the device you want to release.

Step 2: Click the Release Device button.

Step 3: Click Yes to confirm the action.

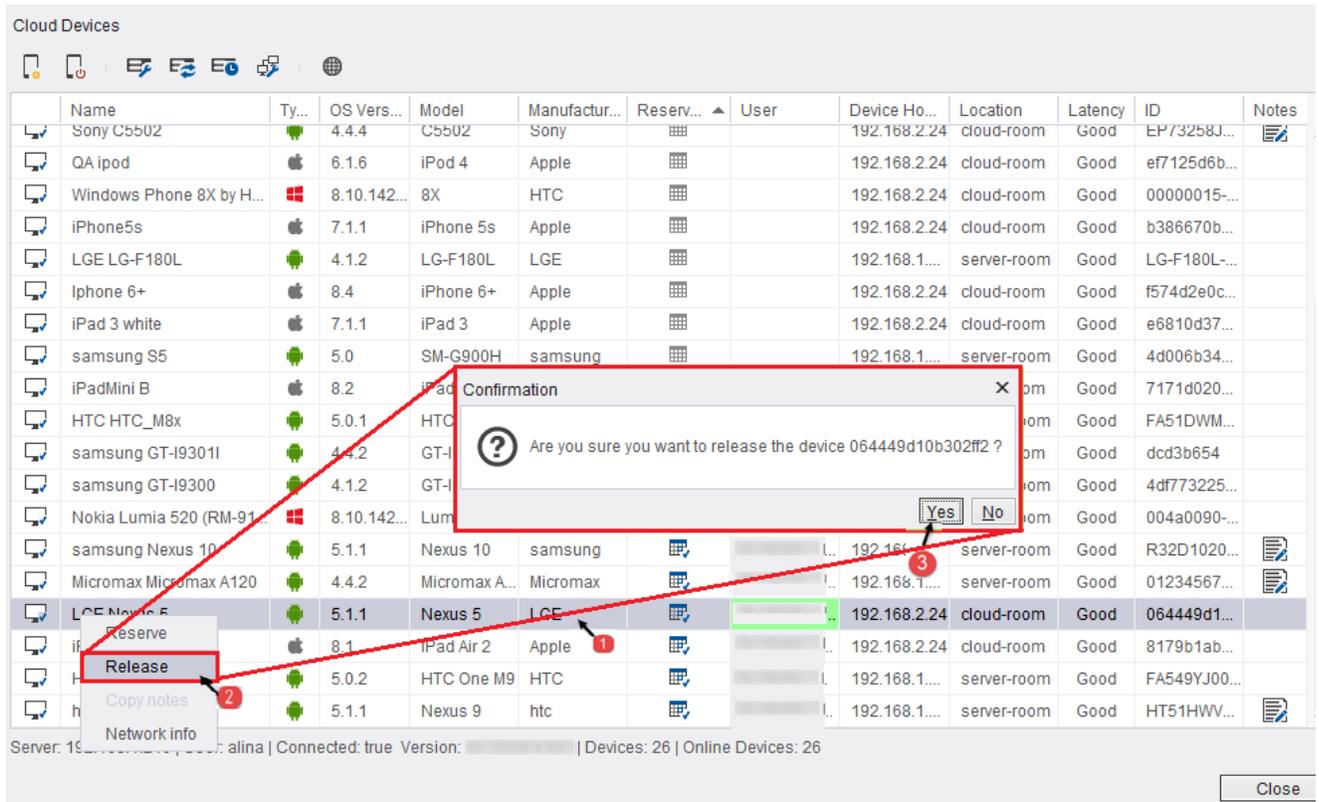


Or:

Step 1: Right-click the device you want to release.

Step 2: Select "Release Device" in the menu.

Step 3: Click Yes to confirm the action.



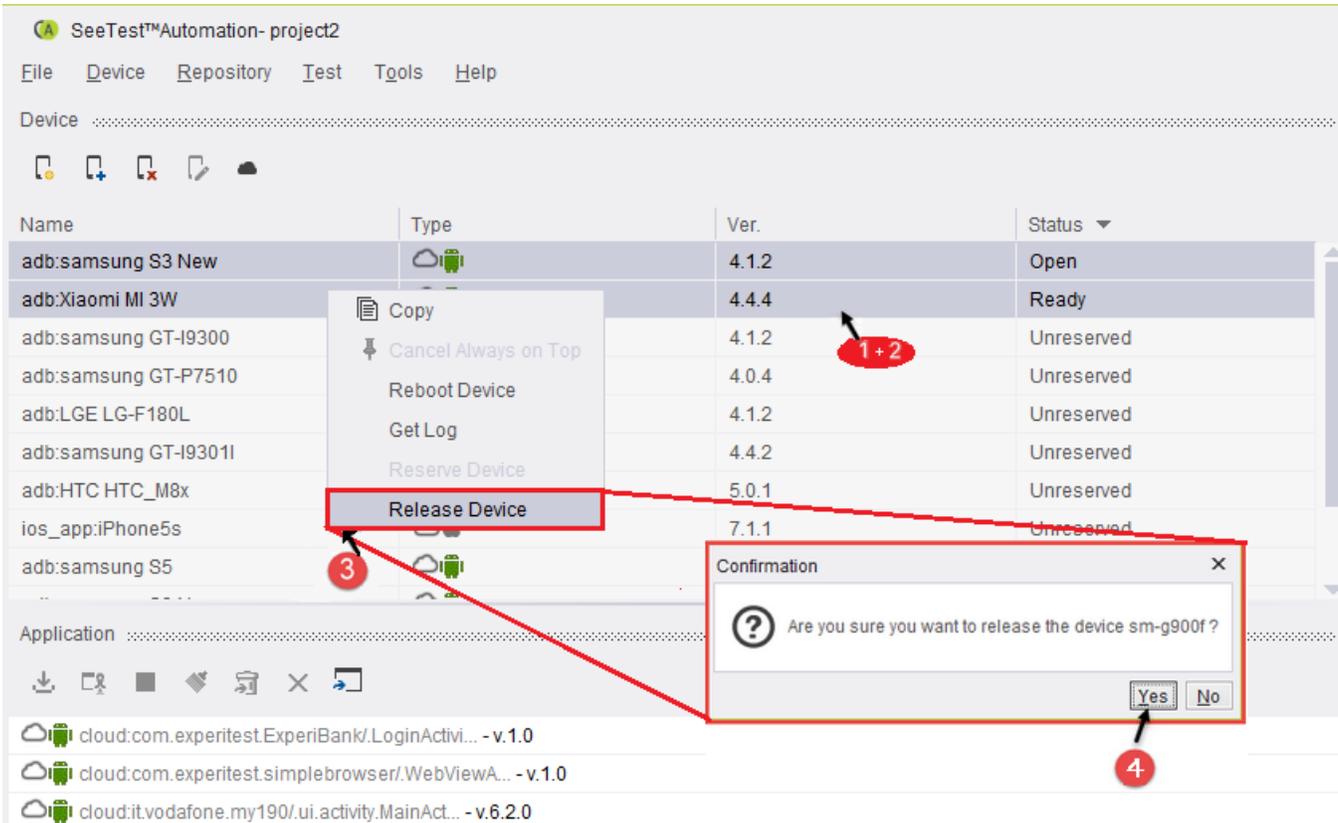
- In Device table:

Step 1: Mark the devices you want to release (you can select only cloud devices which you have reserved).

Step 2: Right-click on one of the corresponding rows.

Step 3: Select "Release Device" in the menu.

Step 4: Click Yes to confirm the action.



Show Device Reservations

You can see device reservation in order to know when it is possible to reserve the device.

Step 1: Mark the device you want, in order to check its reservations.

Step 2: Click the show device reservations.

Step 3: A Window will be open with all device reservations.

Cloud Devices

Name	Type	OS Version	Model	Manufacturer	Reservation	User	Device Host ...	Location	Latency	ID
02dfe56321089ac2		4.4.4	Nexus 5	LGE			192.168.200	London	Good	02dfe563210
USER's iPhone										569801f701a
sm-g900f										64654769

Device Reservations

Username	Start	End	Host	First Name	Last Name	Email
ayushi			user4	ayushi	ayushi	ayushi_p@exper...

Show past reservations

Close

Server: | User: ayushi | Connected: true | Version: | Devices: 3 | Online Devices: 2

Close

Check network connectivity

You can check network connectivity for any device in the cloud (latency, bandwidth).

Step 1: Mark the device you want to measure its network connectivity.

Step 2: Click the check network connectivity button

Step 3: A Window will open with the network info.

There are 3 channels checking the communication with the device.

Note: Bandwidth requirements are typically 100 Kbps per device. Some exceptionally high-resolution devices might require up to 320 Kbps.

Cloud Devices

Name	Type	OS Versi...	Model	Manufacturer	Reservati...	User	Device Hos...	Location	Latency	ID
02dfe56321089ac2		4.4.4	Nexus 5	LGE			192.168.20...	London	Good	02dfe56321
USER's iPhone		8.1.3	iPhone 6	Apple		ayushi@us...	192.168.20...	London	Good	569801f701
sm-g900f		4.4.2	SM-G900F	samsung		ayushi@us...	192.168.20...	London	Good	64654769

Network info

Channel: 0 latency: 2 ms, bandwidth: 3333 KB/sec.
 Channel: 1
 latency: 3 ms, bandwidth: 3333 KB/sec.
 Channel: 2 latency: 2 ms,
 bandwidth: 5000 KB/sec.

OK

Server: | User: ayushi | Connected: true Version: | Devices: 3 | Online Devices: 2

Close

Open Cloud Web Portal in the browser

You can open the Cloud Web Portal in the default browser from the Cloud user module

Step 1: Click the Cloud web Portal button.

Cloud Devices

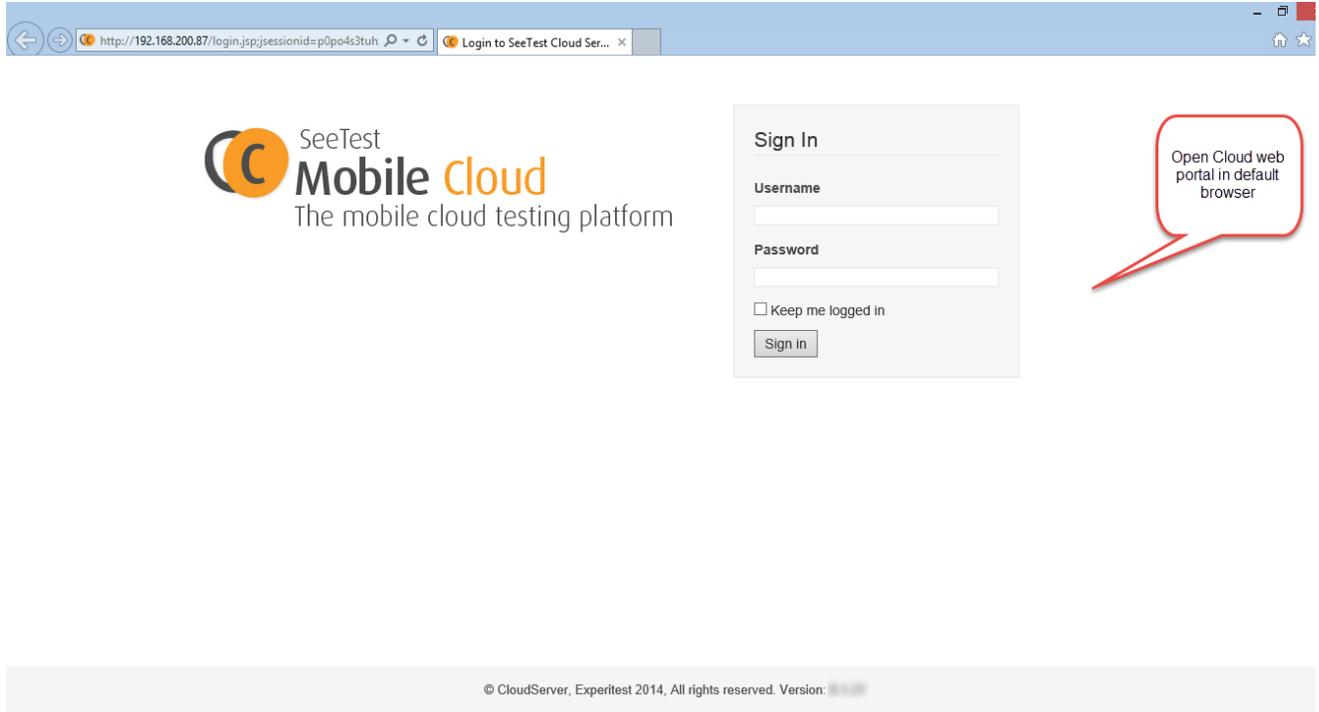
Name	Type	OS Versi...	Model	Manufacturer	Reservati...	User	Device Hos...	Location	Latency	ID
02dfe56321089ac2		4.4.4	Nexus 5	LGE			192.168.20...	London	Good	02dfe56321
USER's iPhone		8.1.3	iPhone 6	Apple		ayushi@us...	192.168.20...	London	Good	569801f701
sm-g900f		4.4.2	SM-G900F	samsung		ayushi@us...	192.168.20...	London	Good	64654769

Open Cloud Web Portal in Browser

Server: | User: ayushi | Connected: true Version: | Devices: 3 | Online Devices: 2

Close

Step 2: Browser will be open with the login screen of the Cloud Web Portal.



Message when your device reservation is about to end

When the device screen is opened and your device reservation will end soon, 2 warnings are displayed:

The first warning is displayed 10 minutes before the device reservation will end.

The second warning is displayed 5 minutes before the device reservation will end.

Number of minutes before reservation ends can be configured in app.properties file, with following properties:

device.reservation.ends.soon.time.before.first.warning.in.minutes	(default 10 minutes)
device.reservation.ends.soon.time.before.second.warning.in.minutes	(default 5 minutes)

Username

Password

Login



Reservation of device: Sony C5502 will end in less than 3 minutes ×