

Remote Management API Testing Preparation

Introduction

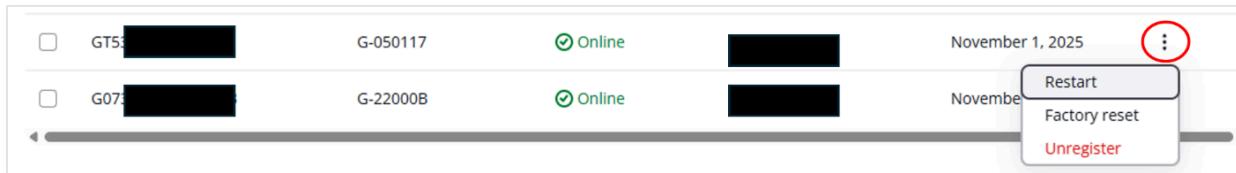
This document outlines steps required to prepare Signage Sticks for Remote Management API testing. It is intended for CMS providers that have already been onboarded onto the Signage Stick platform, have integrated Remote Management API functions into an APK and are ready to begin testing.

Since a new version of Signage Stick OS is required, you will need to provision sticks through our backend demo environment so the OS can be deployed via an OTA update. Once this is complete, you can sideload your new APK with API integration and begin testing.

Steps

1. Similar to your initial onboarding process, we'll need the DSN's (Device Serial Numbers) for Signage Sticks you intend to use for development and testing. This allows us to add them to our backend demo environment.

If you plan to use Sticks that have already been provisioned, you will need to first factory reset, then unregister them. You can do this by logging in to <https://console.signage.amazon.com/> with the same account used to first provision the sticks:



2. Email us at signage-stick-api-support@amazon.com with a list of DSNs and your App's package name
3. Provision the Sticks:
 - a. Connect Sticks to a display and power on
 - b. Follow steps to setup with physical remote (mobile setup is not yet supported in this environment)
 - c. Once the Stick has joined a network, you should be prompted to login to <https://demo.signage.amazon.com>. This means your Stick had been properly added to the demo environment. If not, please contact us before proceeding.
 - d. From your computer, login to <https://demo.signage.amazon.com/>). You can use an existing account or create a new one. Complete the stick provisioning by selecting your CMS.
4. Wait for the OS OTA update to take place before proceeding. These are scheduled to take place between 2am and 5am local time, so please make sure to keep your Sticks powered on overnight. To check the OS version, you can either
 - a. connect the Stick to a screen and using the remote, navigate to settings/About device/Build number or
 - b. connect the Stick to a computer and run `$ adb shell getprop ro.build.id`An OS version \geq RS8404.3623N will have API support.
5. You can now override the installed CMS from Step 3 by sideloading your new APK using `$ adb install -r my-app.apk`
...
6. Some System info API like: CPU loading, CPU/GPU temperature will return a fake value in this testing env. Please refer to API Demo app.pdf to see if you can get the same value as Demo App.