

Remote Management API Testing Preparation

Introduction

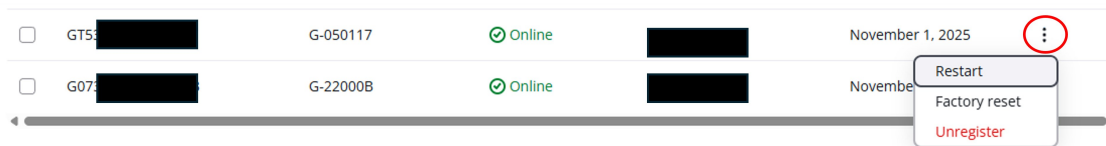
This document describes how to prepare Signage Sticks for Remote Management API testing. It is intended for CMS providers who are already onboarded onto the Signage Stick platform, have integrated the Remote Management API into their APK, and are ready to begin testing.

A newer OS version is required for API support, so you need to provision the sticks through our demo backend to receive the OS via OTA. Once the OS is up to date, sideload your new APK and start testing.

Steps

As with your initial onboarding, we need the DSNs (Device Serial Numbers) of the Signage Sticks you plan to use for development and testing so we can add them to our demo backend.

If you plan to reuse already-provisioned sticks, factory-reset and then unregister them first. You can do this by logging in to <https://console.signage.amazon.com/> with the account that originally provisioned the sticks:



Email signage-stick-api-support@amazon.com with the DSN list and your app's package name.

Provision the sticks:

- Connect each stick to a display and power it on.
- Complete setup with the physical remote. Mobile setup is not supported in this environment.
- Once the stick has joined a network, it should prompt you to log in at <https://demo.signage.amazon.com>. This confirms the stick was added to the demo backend. If you are not prompted, contact us before continuing.
- On your computer, log in to <https://demo.signage.amazon.com/> (existing account or new one), then complete provisioning by selecting your CMS.

Wait for the OS OTA to complete before proceeding. OTAs are scheduled between 2 AM and 5 AM local time, so keep the sticks powered on overnight. To check the OS version, either:

- connect the stick to a display and navigate via the remote to Settings → About device → Build number, or
- connect the stick to a computer and run `adb shell getprop ro.build.id`

OS RS8404.3623N or later supports V1 APIs. RS8404.3670N or later adds V1.1 API support.

Override the CMS installed in the previous step by sideloading your new APK:

```
adb install -r my-app.apk
```

Some System Info APIs — for example CPU load and CPU/GPU temperature — return synthetic values in this test environment. Refer to API Demo app.pdf to see the expected values returned by the demo app.