

Configurations, Troubleshooting, and Secure Browser Installation Guide for Android

For Technology Coordinators

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Table of Contents

Configurations, Troubleshooting, and Secure Browser Installation for Android	3
Installing the AIRSecureTest App for Android	3
Additional Configurations for Android	4
Enabling the Secure Browser Keyboard	4
Disabling the Multi-Window on Samsung Tablets	4
Disabling the Stylus on Samsung Galaxy Note	5
Troubleshooting Text-to-Speech	6
Using Text-to-Speech	6
How the Secure Browser Selects Voice Packs	6
Text-to-Speech and Mobile Devices	6
Android Technology Coordinator Checklist	7
FSA Help Desk and User Support	8
Change Log.....	9

Configurations, Troubleshooting, and Secure Browser Installation for Android

This document contains instructions for installing the Secure Browser, as well as configurations, troubleshooting, and advanced Secure Browser installation instructions for your Android devices.

Installing the AIRSecureTest App for Android

The AIRSecureTest mobile secure browser is available from the Google Play store. The process for installing the secure browser is the same as for any other application.

1. Click the **Get it on Google** play link. (You can also search for “AIRSecureTest” in the Google Play store to find the secure browser app.)
2. The AIRSecureTest application download page appears.
3. Tap **Install**, and then tap **Accept**. The AIRSecureTest mobile secure browser downloads and installs the secure browser.
4. Open **Settings**.
5. Tap **Cloud and accounts**.
6. Tap **Users**.
7. Tap **Add user or profile**.
8. Tap **Restricted profile**. The new profile opens with a list.
9. Tap **New profile**, enter a name, and tap **OK**.
10. Enable **AIRSecureBrowser** from the list. Users will only have access to the **AIRSecureBrowser** in the restricted profile. All other apps will be disabled.
11. Tap **Back**.
12. Swipe down from the top of the tablet with two fingers. **Quick Settings** will open.
13. Tap **Switch user**.
14. Tap the newly named restricted profile.
15. Tap **AIRSecureBrowser**.
16. Configure your test administration by selecting your state and assessment program from the dropdown lists and tapping **OK**.
17. If the secure browser keyboard has not been selected via device settings on Android tablets, it will need to be selected upon opening the AIRSecureTest app.

Additional Configurations for Android

This section contains additional configurations for Android.

Enabling the Secure Browser Keyboard

The default keyboard for the Android allows predictive text, which may provide students with unauthorized assistance. For this reason, the Secure Browser for Android requires that a mobile Secure Browser keyboard be configured for the Secure Browser itself. The Secure Browser keyboard is a basic keyboard, with no row for predictive text functionality.

To enable the Secure Browser keyboard:

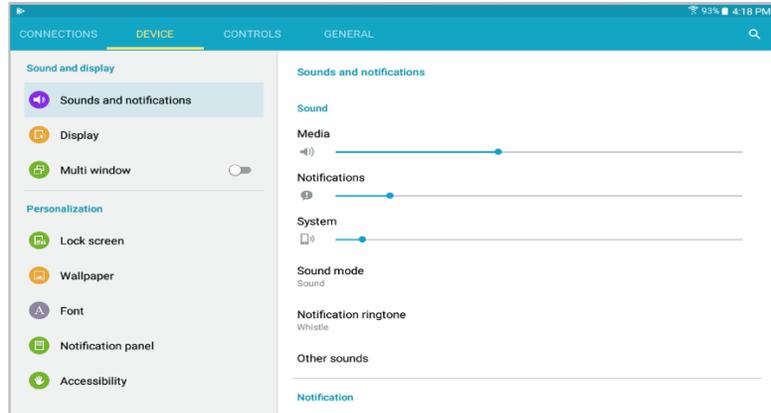
1. Open **Settings**.
2. Open **General management**.
3. Open **Language and input**.
4. Open **On-screen keyboard**.
5. Select **Manage keyboards**.
6. Set AIR Secure Test to **On**. A popup will appear.
7. Select **OK**. Another popup will appear.
8. Select **OK**.

Disabling the Multi-Window on Samsung Tablets

Samsung tablets are equipped with a multi-window feature to display app launchers. Depending on the available app launchers, the multi-window can compromise testing security. To avoid this scenario, disable the multi-window on Samsung tablets.

To disable the multi-window:

1. Tap **Settings**.
2. Navigate to **Device > Sound and display**.
3. Turn off **Multi window**.

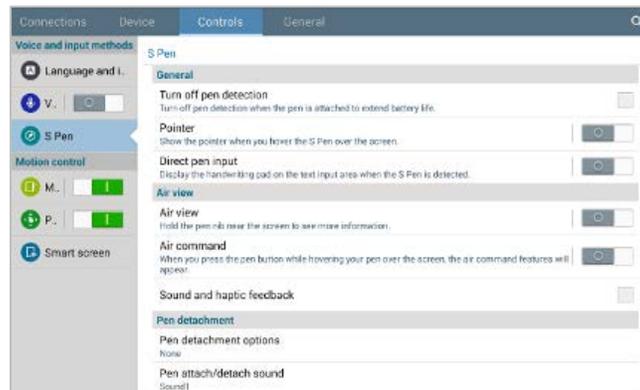


Disabling the Stylus on Samsung Galaxy Note

The Samsung Galaxy Note stylus is capable of launching apps—a situation that can compromise testing security. To avoid this scenario, disable the stylus feature.

To disable the stylus:

1. Tap **Settings**.
2. Navigate to **Controls > Voice and input methods**.
3. Tap **S Pen**.
4. Disable all of the available features.



Troubleshooting Text-to-Speech

Using text-to-speech requires at least one voice pack to be installed on testing computers.

Using Text-to-Speech

Students using text-to-speech for the practice tests must log in using a supported Secure Browser. Students can also verify that text-to-speech works on their computers by logging in to a practice test session and turning on the text-to-speech accommodation.

We strongly encourage schools to test the text-to-speech settings before students take operational tests. You can check these settings by running a practice test or the Infrastructure Trial with text-to-speech enabled or through the diagnostic page. From the student practice test login screen, click the **Run Diagnostics** link, and then click the **TTS Check** button.

How the Secure Browser Selects Voice Packs

This section describes how AIR's Secure Browsers select which voice pack to use.

Voice Pack Selection on Mobile Versions of Secure Browsers

The Mobile Secure Browser uses either the device's native voice pack or a voice pack embedded in the Secure Browser. Additional voice packs downloaded to a mobile device are not recognized by the Mobile Secure Browser.

Text-to-Speech and Mobile Devices

Text-to-speech (TTS) includes a feature that allows students to pause and then resume TTS in the middle of a passage. The pause feature does not work on Android devices. Consequently, consider testing students who require TTS on iPads or on desktops or laptops running Windows or Mac.

Android Technology Coordinator Checklist

This checklist can be printed out and referred to during review of networks and computers used for testing.

Activity	Target Completion Date	Reference
For all Operating Systems		
<input type="checkbox"/>	Verify that all of your school's computers/devices that will be used for online testing meet the operating system requirements.	3–4 weeks before testing begins in your school
	<input type="checkbox"/>	Verify that your school's network and Internet are properly configured for testing, conduct network diagnostics, and resolve any issues.
		Supported Systems & Requirements
<input type="checkbox"/>	Install the secure browser on all computers/devices that will be used for testing.	3–4 weeks before testing begins in your school
	<input type="checkbox"/>	Enable pop-up windows and review software requirements for each operating system.
		Configurations, Troubleshooting, and Advanced Secure Browser Installation for Android
For Android		
<input type="checkbox"/>	Install any required text-to-speech software on computers that will be used for testing with that accommodation and verify the installation.	1–2 weeks before testing begins in your school
	<input type="checkbox"/>	On Android tablets, ensure that the secure browser keyboard is enabled.
		Using Text-to-Speech
<input type="checkbox"/>	On Samsung tablets, disable multi-window feature.	1–2 weeks before testing begins in your school
	<input type="checkbox"/>	On the Samsung Galaxy Note, disable the stylus.
		Enabling the Secure Browser Keyboard
		Disabling the Multi-Window on Samsung Tablets
		Disabling the Stylus on Samsung Galaxy Note

FSA Help Desk and User Support

If this document does not answer your questions, please contact the FSA Help Desk.

The Help Desk will be open **Monday–Friday from 7:00 a.m. to 8:30 p.m. Eastern Time** (except holidays or as otherwise indicated on the FSA Portal).

Toll-Free Phone Support: 1-866-815-7246

Email Support: fsahelpdesk@air.org

In order to help us effectively assist you with your issue or question, please be ready to provide the FSA Help Desk with detailed information that may include the following:

- Device, operating system, and browser version information
- Any error messages and codes that appeared, if applicable
- Information about your network configuration:
 - Secure browser installation (to individual machines or network)
 - Wired or wireless Internet network setup

Change Log

Location	Change	Date