ChromeOS Kiosk Installation for Technology Coordinators

The Office of Student Assessment Services

January 13, 2026

Presenters

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Logistics for This Session

- Use the Q&A feature to ask a question.
  - We will answer some questions aloud at specified times during this training session, and we will email the Q&A afterwards.
  - Use the thumbs-up icon to “upvote” someone else’s question.
  - Email specific questions about your organization’s technology to mcas@cognia.org instead of asking here.
- Closed captioning has been enabled for participants who need it.
- This session is being interpreted into ASL. Our interpreting team will be onscreen with the presenters.
- Please be advised that DESE does not authorize attendees to record or to use AI transcription tools during the meeting and DESE does not endorse any unauthorized transcripts created by third parties of its meetings.

Slides for This Session

- Slides were emailed to participants before this session from MCASEvents@cognia.org.
- Slides are now being posted in the chat.
  - If you cannot access the slides in the chat, ask in the Q&A.
- After the session, we will send the slides again to participants, and they will be posted in the MCAS Resource Center along with the recording.

Today's Agenda

1. Overview of ChromeOS Kiosk Installation
2. Installing the New MCAS Web App for ChromeOS
3. Configure Device Settings
4. Steps to Take After Installation
5. Resources, Support, and Next Steps
6. Live "Sandbox" Time

Poll Question

Has your school/district already installed the new PWA MCAS Student Kiosk for Chromebooks?

A. Yes

B. No

Poll Question

Did your school/district use the PWA MCAS Student Kiosk for Chromebooks during the November 2025 Retest administration?

A. Yes

B. No

C. I’m not sure

1. Overview of ChromeOS Kiosk Installation

ChromeOS Requirements

Operating System	Version	Version Release Date	End of Support Date	eMetric Support Policy
ChromeOS™	138+ 132+ LTS	July 2025 April 2025	End of 2025–26 school year (June 2026)	eMetric supports the versions of ChromeOS that are current as of July of each school year. These versions will be supported through the end of the school year (June). Schools are not recommended to use beta versions of ChromeOS, as this may result in errors.

Progressive Web App

- **New for 2025–26:** As part of Google's ongoing updates to ChromeOS, support for legacy ChromeOS Apps, including the MCAS Chrome app, is being phased out. Starting in the 2025–26 school year, a new **Progressive Web App (PWA)** is required for all online testing on ChromeOS devices.
- The PWA will work alongside a Chrome extension to support secure kiosk testing.

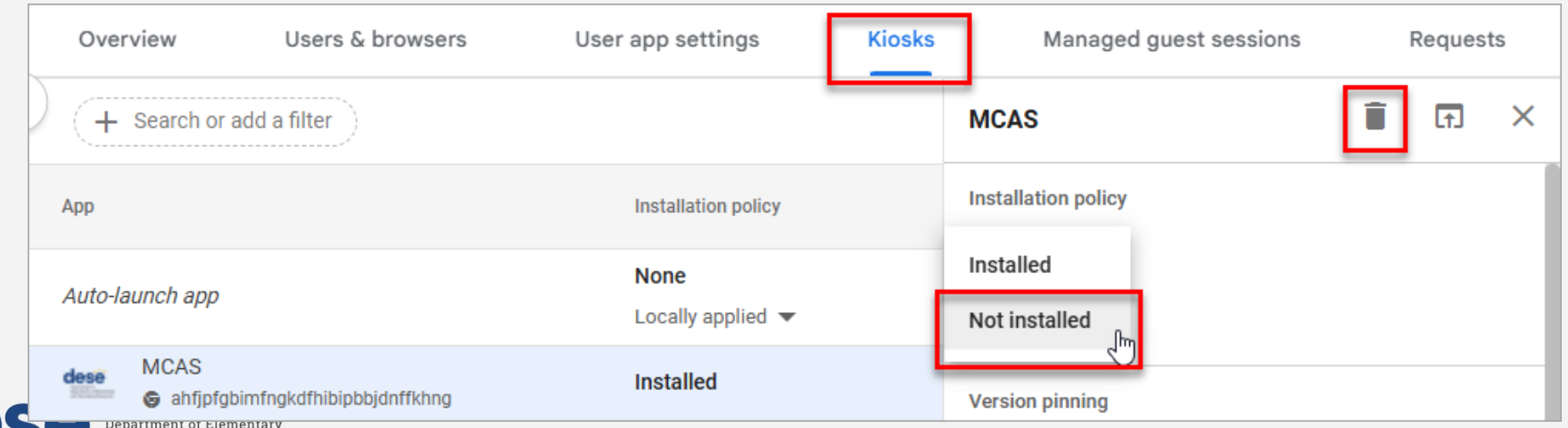
Steps for Technology Coordinators

1. **Technology Setup**: Review general guidelines and setup information (refer to sections II and III of the MCAS Student Kiosk Technology Guide).
2. **Uninstall the legacy MCAS Chrome App**: Remove the legacy MCAS Chrome app from your Google Admin Console if it was previously installed.
3. **Install the new MCAS Web App for ChromeOS**: Install the new PWA and its accompanying extension.
4. **Configure Device Settings**: Configure your Google Admin Console with the recommended device settings.
5. **Conduct Site Readiness Testing**: Conduct both parts of Site Readiness on 2–3 devices for each device configuration.

Uninstalling the Legacy Chrome App (used for spring 2025 testing)

Uninstall the 2025 MCAS Student Kiosk app on Chromebooks.

1. Sign in to the **Google Admin Console**.
2. On the left side, navigate to: **Devices** > **Chrome** > **Apps & extensions**.
3. Select the **Kiosks** tab at the top of the page.
4. Select the **organizational unit** for which you want to uninstall the legacy MCAS Chrome App.
5. Select **Not installed** and then **Save** to remove the app from the Chromebooks in the organizational unit. Alternatively, you can go to your top-most organization unit and select the **Delete** icon and then select **Save** to delete the app completely from your Google Admin Console.



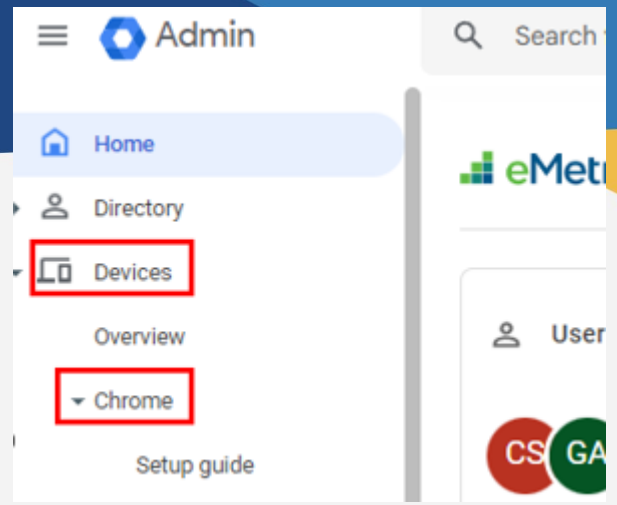
2. Installing the New MCAS Web App for ChromeOS

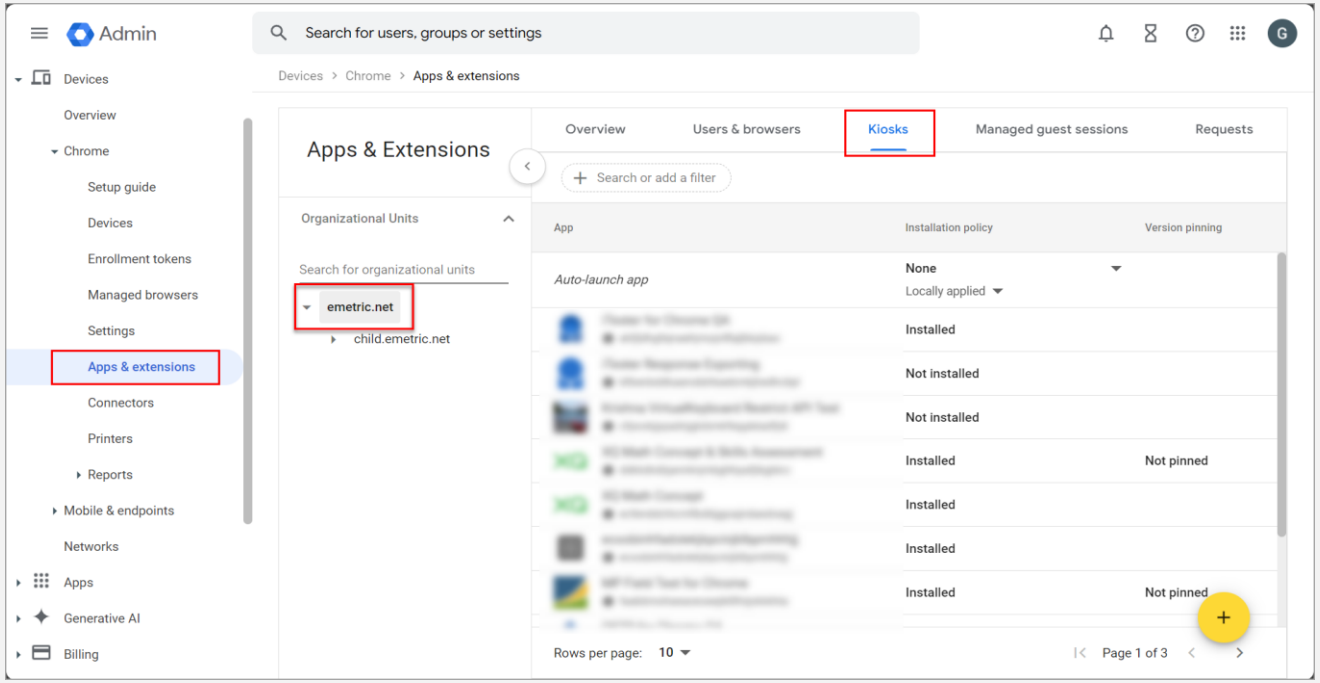
Demonstration

- Installing the PWA

Installing the PWA

1. As the Chromebook administrator, log in to your ChromeOS management console (https://admin.google.com).
2. Expand the **Devices** menu, and then select **Chrome**.
3. Select **Apps & Extensions** and then **Kiosks** and select the **organizational unit** for which you want to install the MCAS Web App and Extension for ChromeOS.

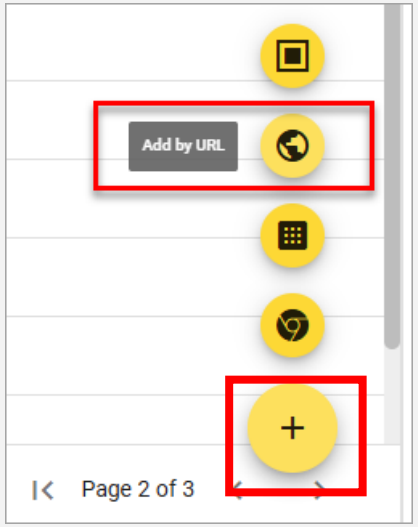


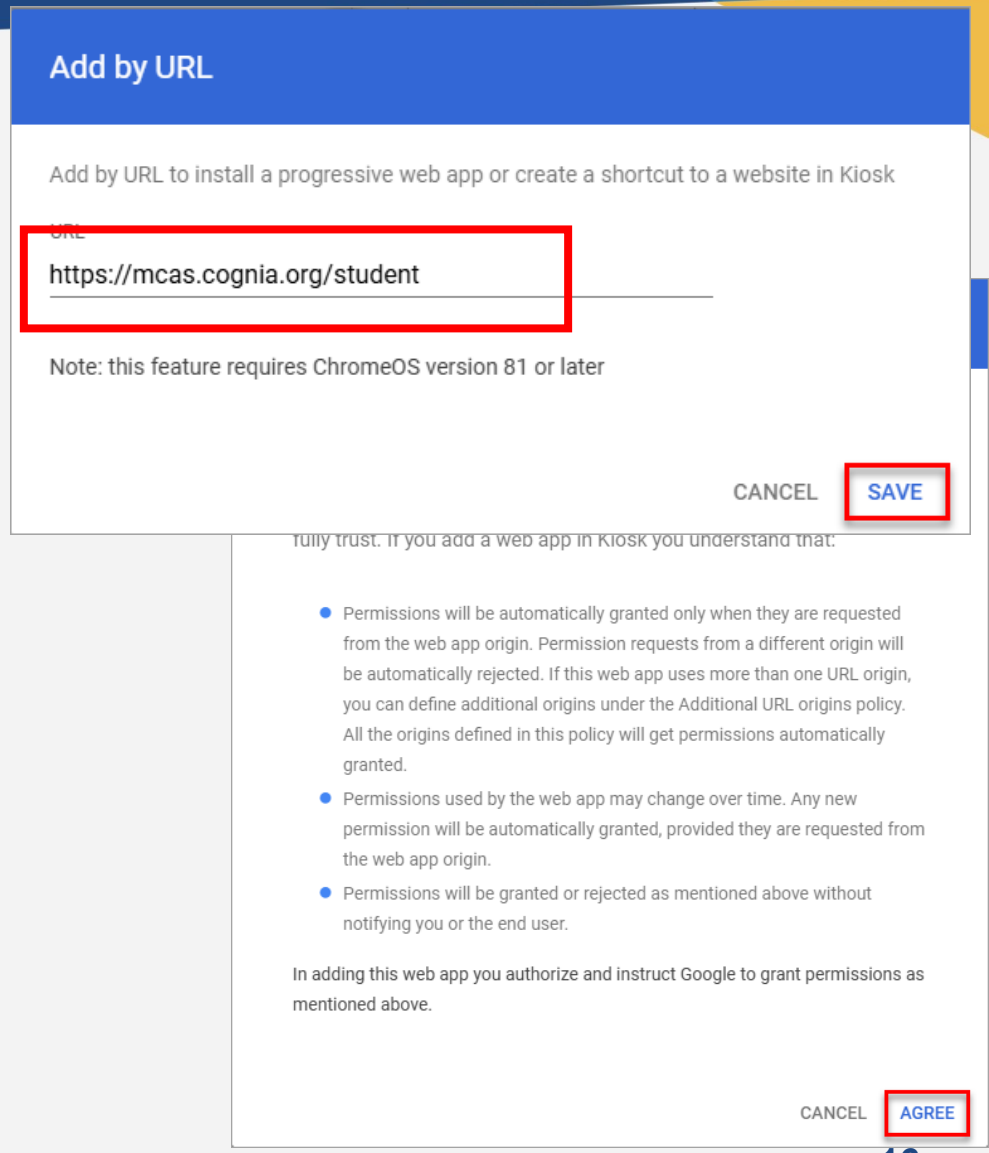


⚠**Note**: Ensure that child organizational units (OU) inherit the app and policy settings from the parent OU. If inheritance is disabled, the kiosk app will not appear on devices in those child OUs and the policy settings and app must be installed locally in the desired child OU.

Installing the PWA (cont'd)

4. Expand the **yellow + button** in the bottom-right corner and select **Add by URL**.
5. Enter https://mcas.cognia.org/student and select **Save.**
6. Google will then prompt you to allow permissions to this app. Select **Agree**.



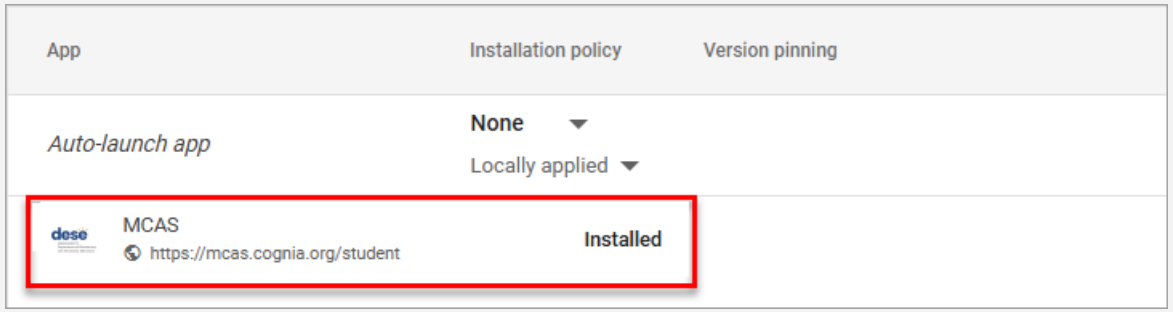


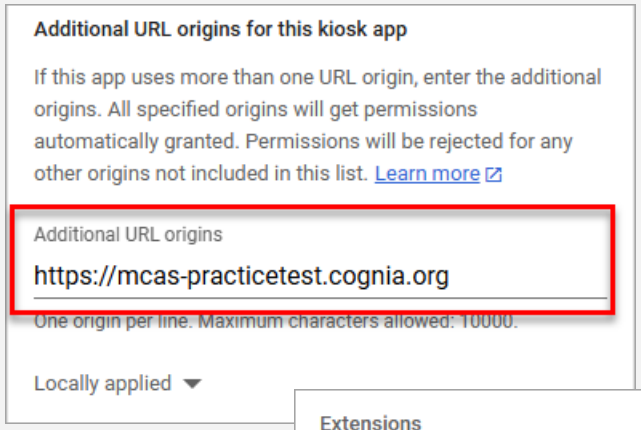
Installing the PWA (cont'd)

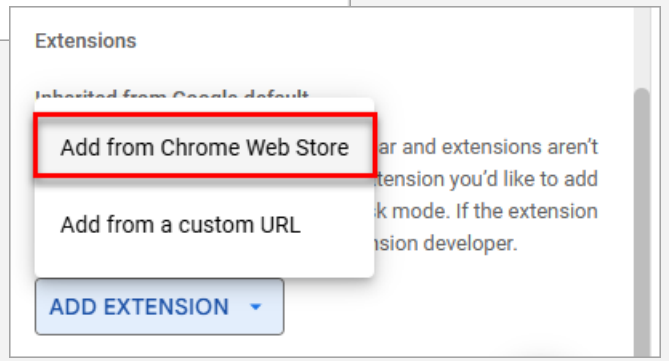
7. Check that the new MCAS web app for ChromeOS appears in the app list.
8. Select the MCAS app and scroll down the right-side bar to **Additional URL origins** field to add the following URL, exactly as shown:

   https://mcas-practicetest.cognia.org

9. Scroll down farther on the right-side bar to the **Extension** section. Click **ADD EXTENSION** and from the pop-up list select **Add from Chrome Web Store**.

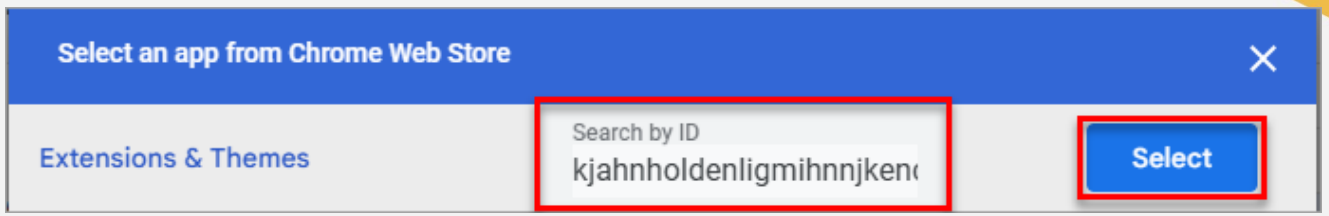


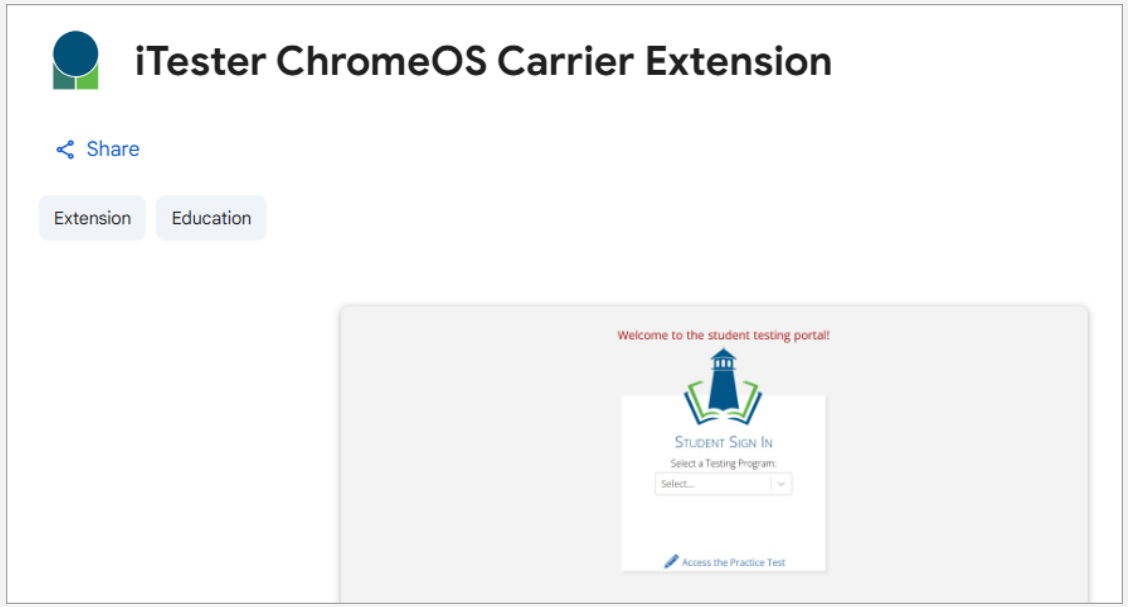




Installing the PWA (cont'd)

10. In the Chrome Web Store, type or copy/paste the iTester ChromeOS Carrier extension ID is entered exactly as it is shown below, with no additional spaces, in the **Search by ID** text box and then select the **Select** button to add the extension.



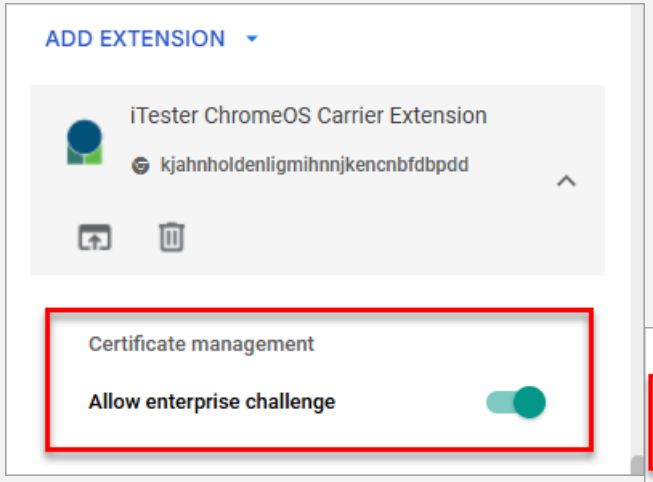


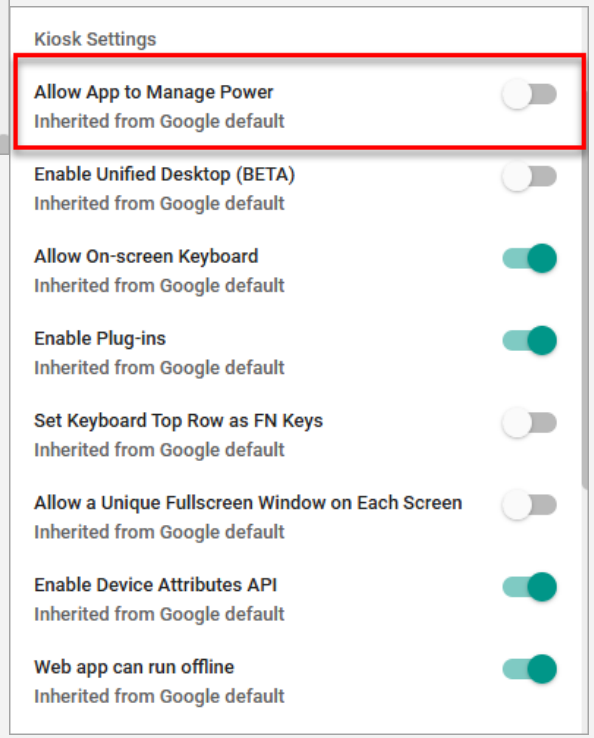
`kjahnholdenligmihnnjkencnbfdbpdd`

Installing the PWA (cont'd)

11. Once the extension has been added you need to enable **Allow enterprise challenge**. Under **Certificate management,** enable **Allow enterprise challenge** setting by moving the slider to the right. When it is enabled, it will show as green.

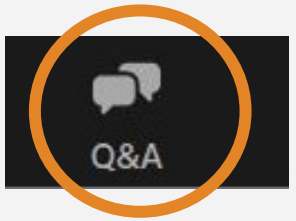
⚠ **Important Note:** Verify in Kiosk Settings that "Allow App to manage power" is **disabled**. To do this, click on **Devices, Apps & Extensions** and then select **Kiosks**. Click on the **MCAS** app name and check to make sure the setting **Allow app to manage power** is **disabled** (slider is moved to the left and not green).

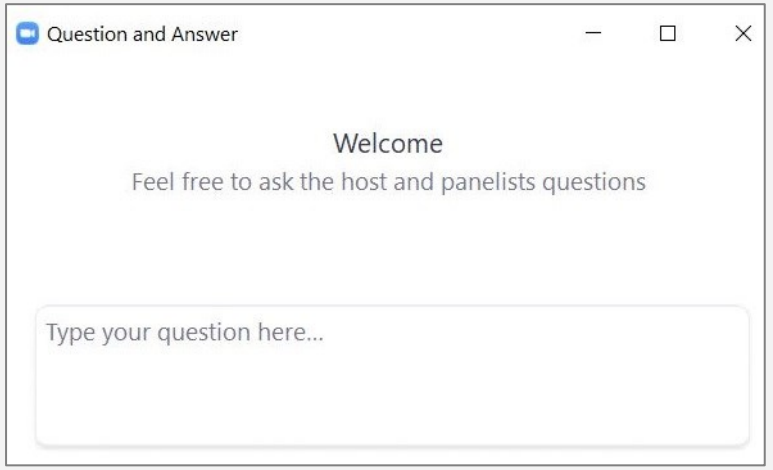




Questions & Answers

Use the “Q&A” feature to ask questions.





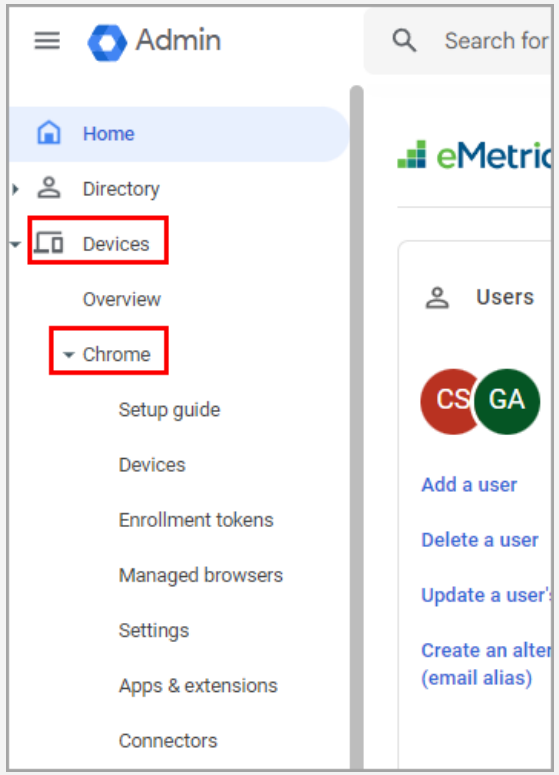
3. Configure Device Settings

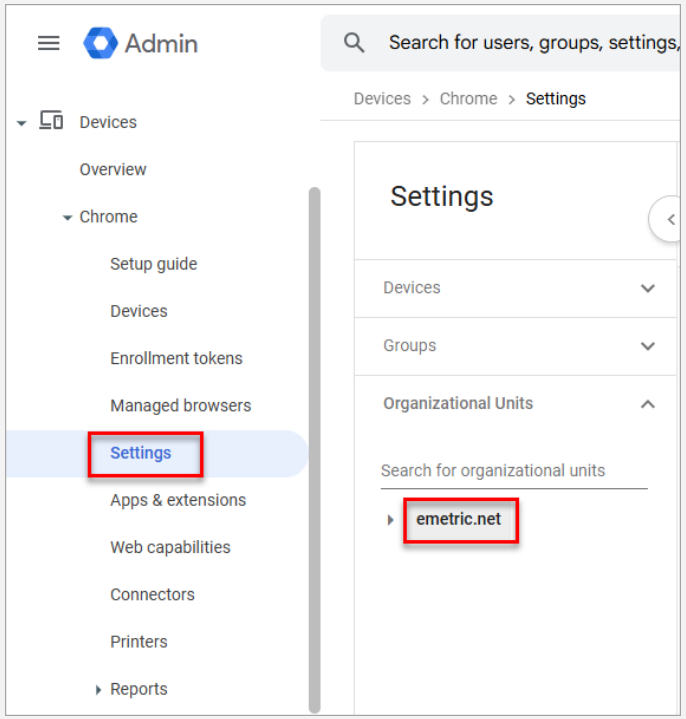
Demonstration

- Configure device settings

Configure Device Settings

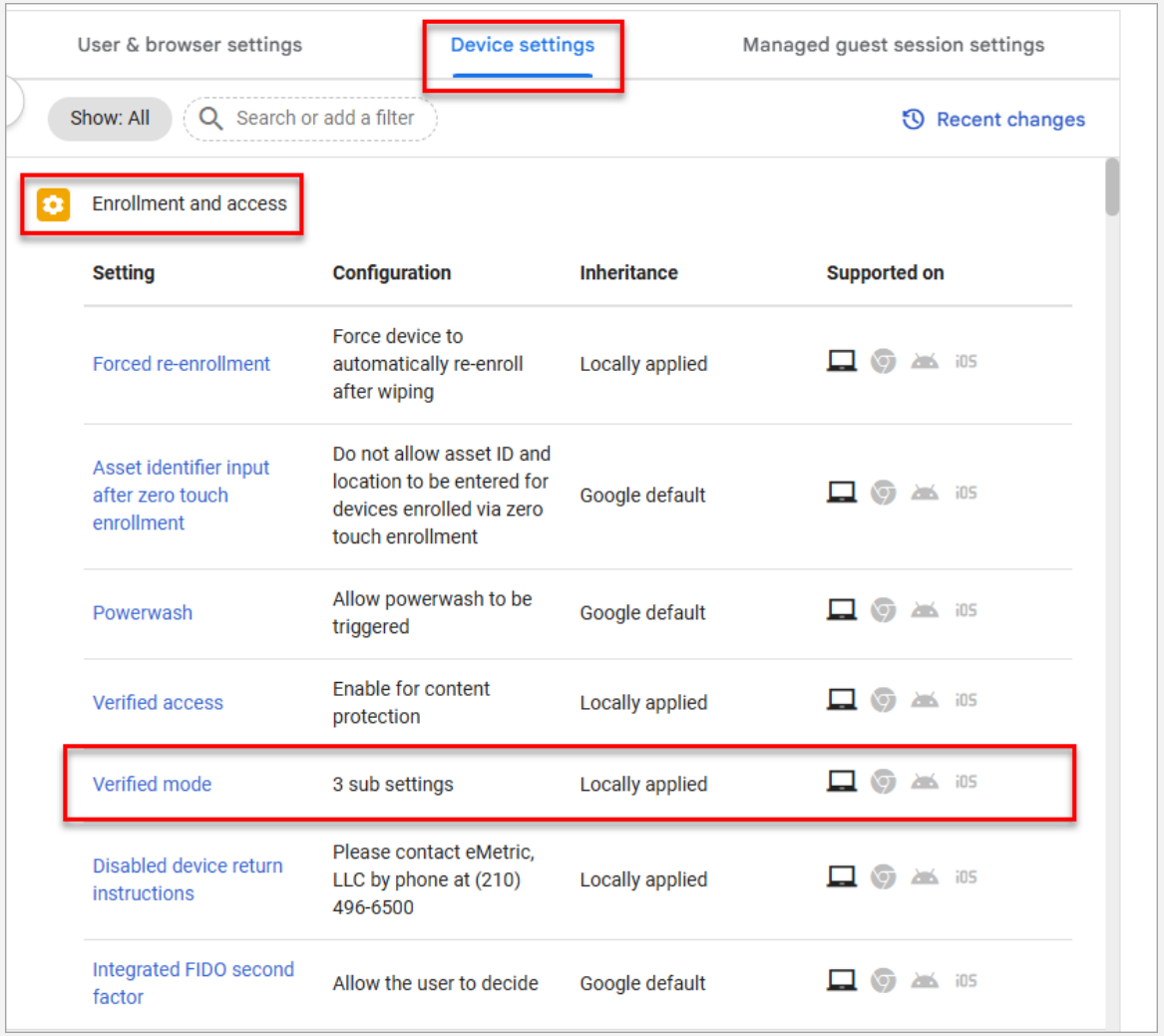
1. In your Google Admin console, navigate to **Devices,** then select **Chrome**.
2. Click on **Settings** and then choose the relevant **Organizational Unit** where the MCAS web app is installed. In the example on this slide, the top Organizational Unit is emetric.net.





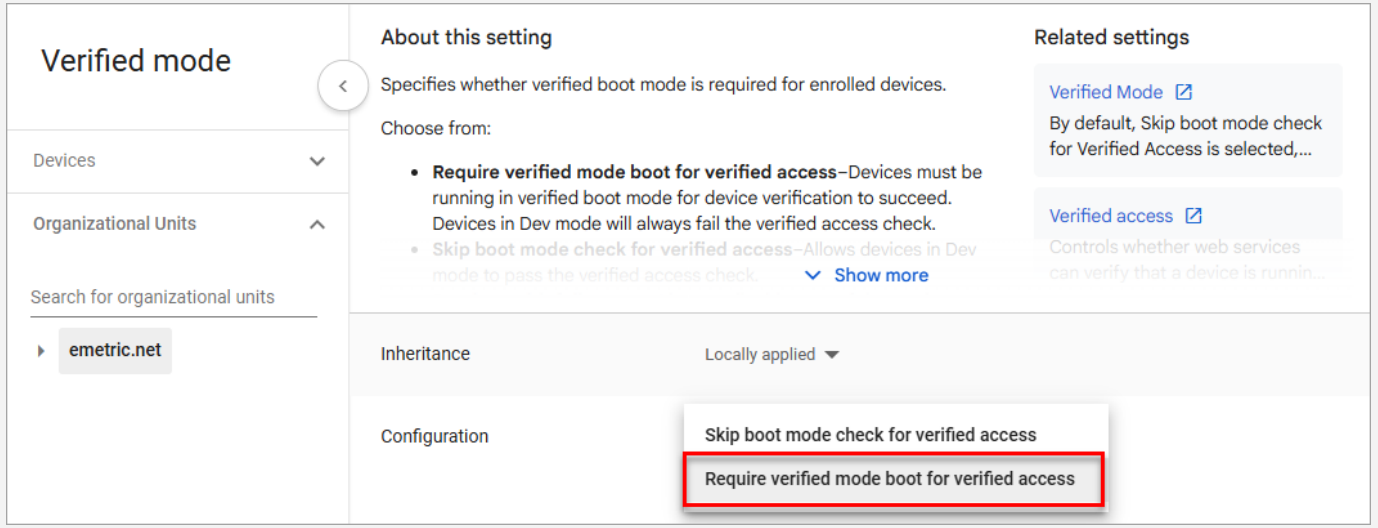
Configure Device Settings (cont'd)

3. Select the **Device settings** tab. Scroll to **Enrollment and access** and select **Verified mode**. Verified Mode ensures that only enrolled and trusted ChromeOS devices can run the ChromeOS PWA, and your testing environment remains secure and authenticated.



Configure Device Settings (cont'd)

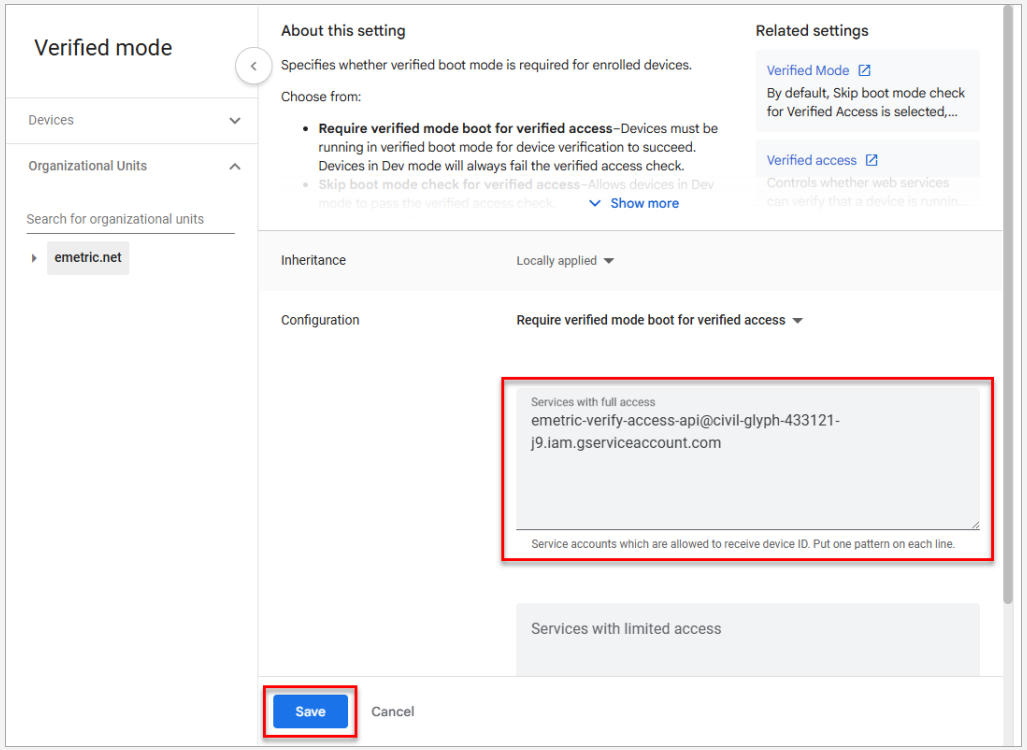
4. Set configuration to: **Required verified mode boot for verified access**.



Configure Device Settings (cont'd)

5. In **Verified mode**, ensure the verified access service account is entered exactly as displayed below in the **Services with full access** section. We recommend entering this manually.

- If using copy-paste, right click the email address and select **Copy email address**.



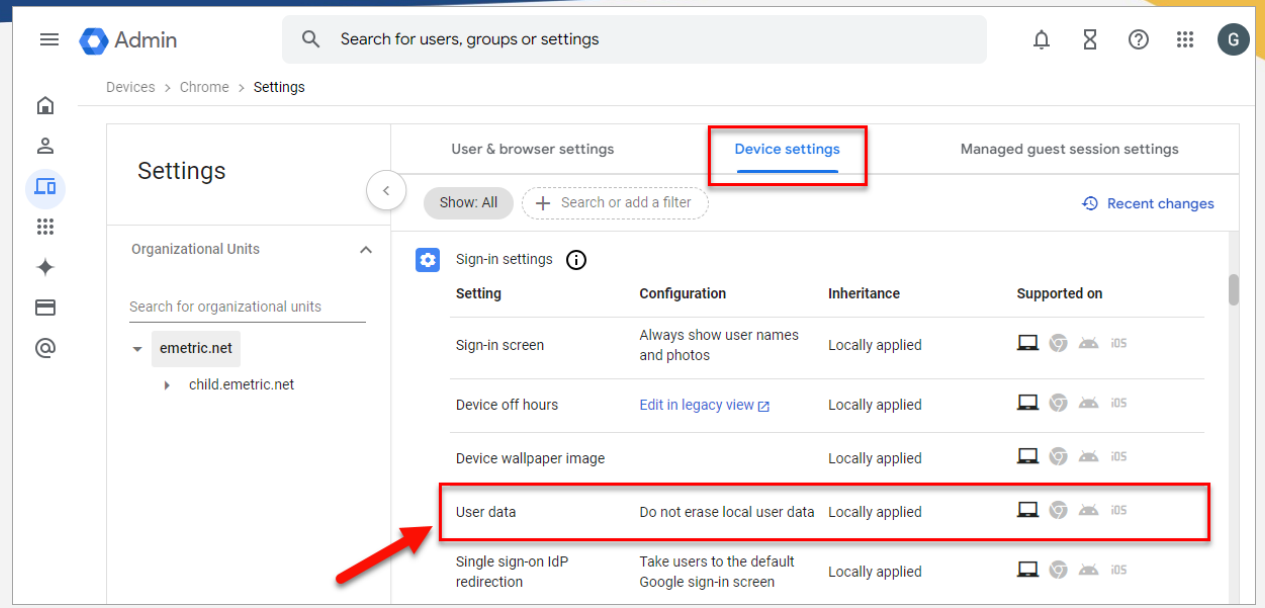
emetric-verify-access-api@civil-glyph-433121-j9.iam.gserviceaccount.com

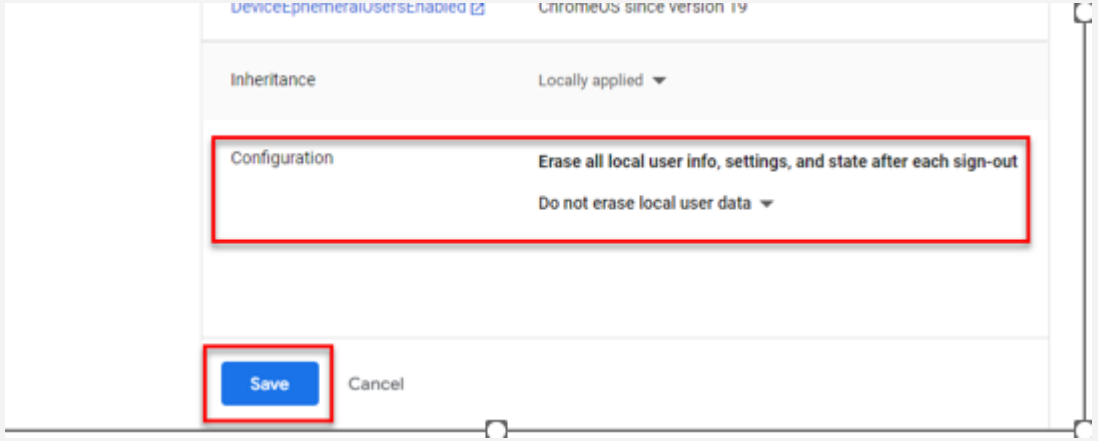
- Then select **Save**.

⚠ **Note: Pay close attention when entering the service account, as any typos, missing hyphens, or added characters will prevent the app from entering kiosk mode.**

Configure Device Settings (cont'd)

6. Scroll to the **User Data** section under **Sign-In Settings**.
7. Verify that **Do not erase all local data** is set; if not, click on **User Data** to update the setting with the drop-down menu and click **Save**.

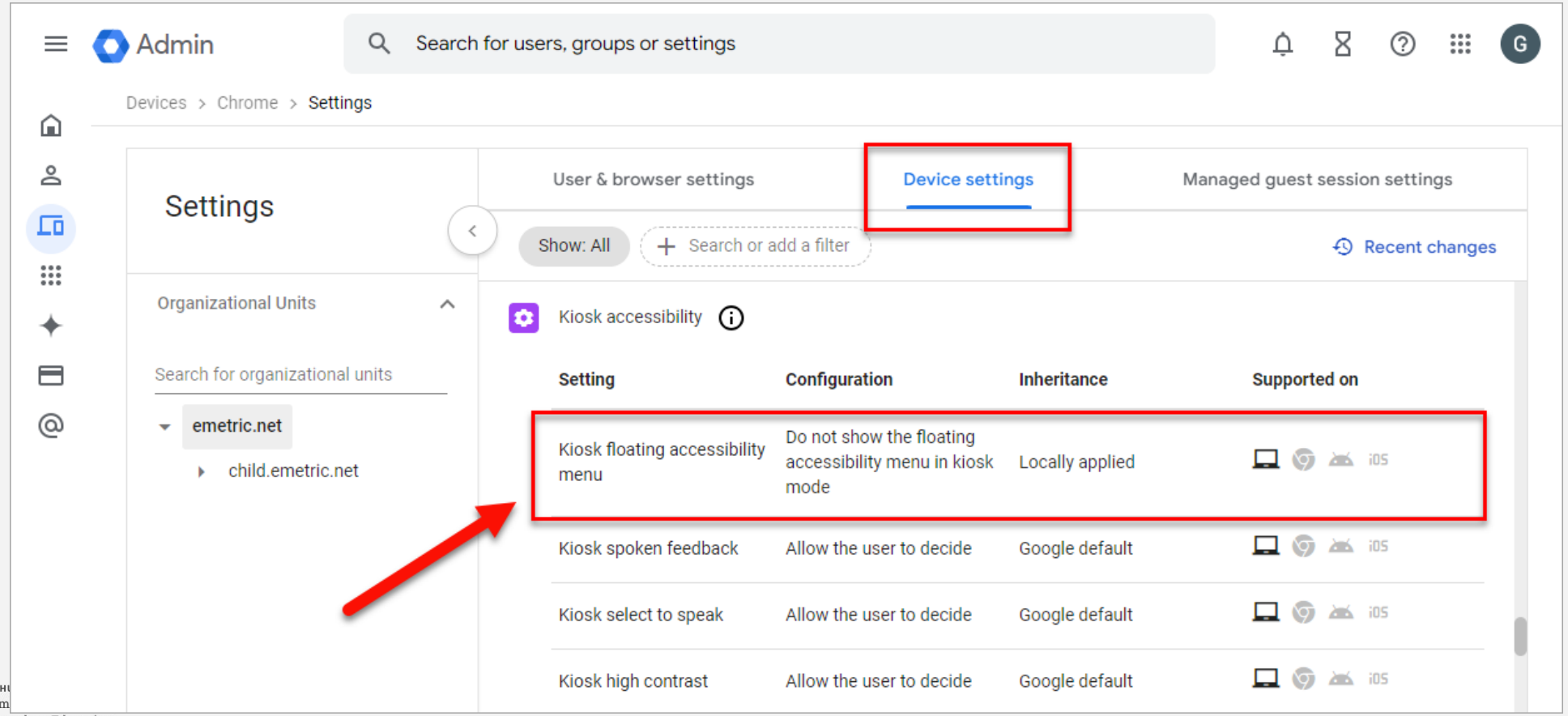




⚠ **Note: This setting is crucial to allow Chrome local storage to be used to store student responses if network connectivity is lost. If this is not configured, student responses will not be saved to the device in the case of internet disruptions.**

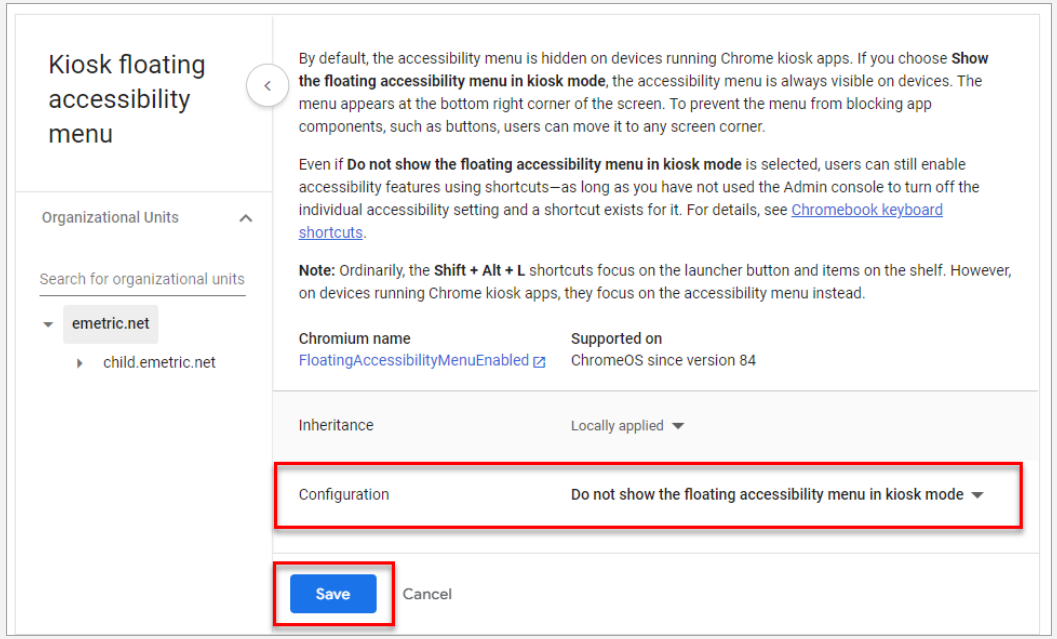
Configure Device Settings (cont'd)

8. Scroll to the **Kiosk Floating Accessibility Menu** in the **Kiosk Accessibility** section.



Configure Device Settings (cont'd)

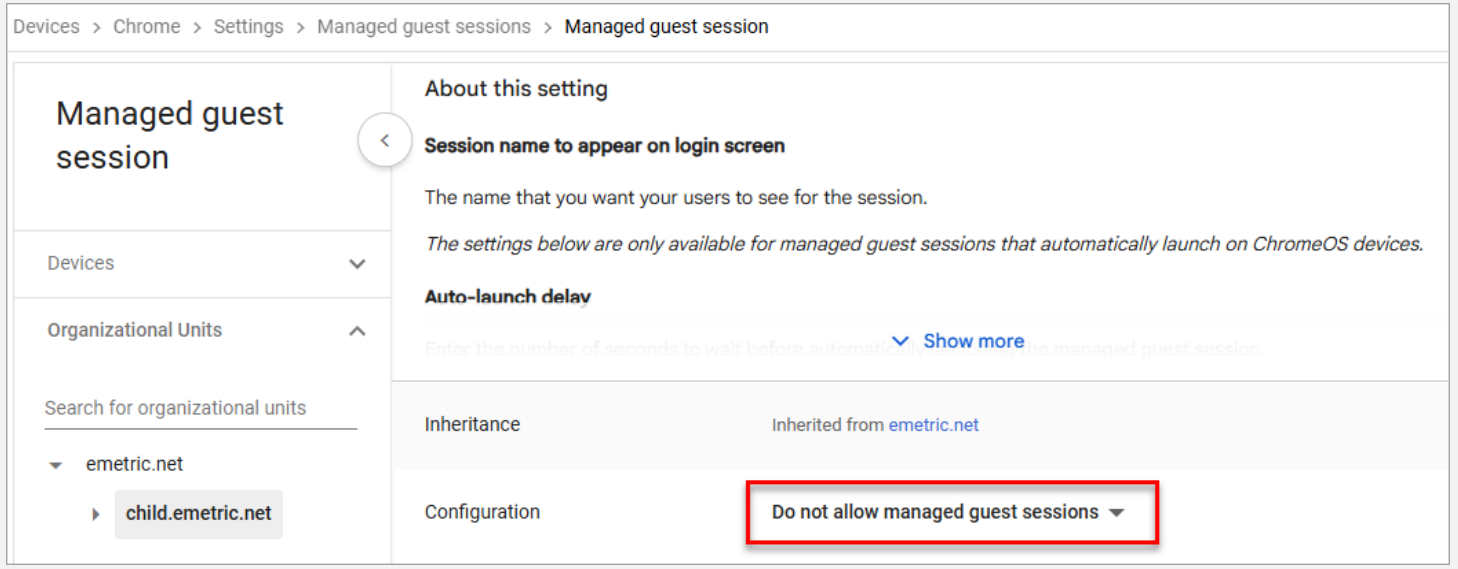
9. Verify that **Do not show the floating accessibility menu in kiosk mode** is set; if not, click on **Kiosk Floating Accessibility Menu** to update the setting with the drop-down menu and click **Save**.



Note: Students with accommodations that are embedded within the MCAS Student Kiosk, including text-to-speech, word prediction, and speech-to-text, will access these accommodations directly through the MCAS Student Kiosk as they are delivered by the test platform. ChromeOS contains native accessibility features that may appear within the kiosk with a floating menu. Technology coordinators should disable the floating accessibility menu in Google Admin before testing occurs to avoid issues.

Configure Device Settings (cont'd)

Note on Managed Guest Sessions: To avoid students inadvertently entering guest sessions, we recommend disabling managed guest sessions on OUs used for testing. To disable, on the Settings page select the **Managed guest session settings** tab and then select **Managed guest session**. Ensure that Managed guest session is set to **Do not allow managed guest sessions** and click **Save**.



Important Reminders – Installing the PWA

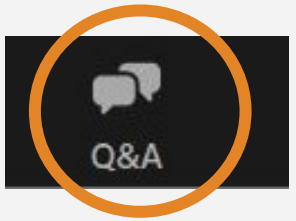
- **Pay close attention when copy/pasting during installation and configuration as any typos, missing hyphens, added spaces, or added characters will prevent the app from entering kiosk mode.**
- If inheritance for the child organization is set to "Locally Applied" the Device Settings will not be inherited from the parent organization. If schools wish to keep the child organization set to Locally Applied, they must edit the Device Settings in that organization to match the parent organizational unit (OU) settings.
- Verify in Kiosk Settings that “Allow App to manage power” is **disabled**. To do this, click on **Devices, Apps & Extensions** and then select **Kiosks**. Click on the **MCAS** app name and check to make sure the setting **Allow app to manage power** is **disabled** (slider is moved to the left and not green).

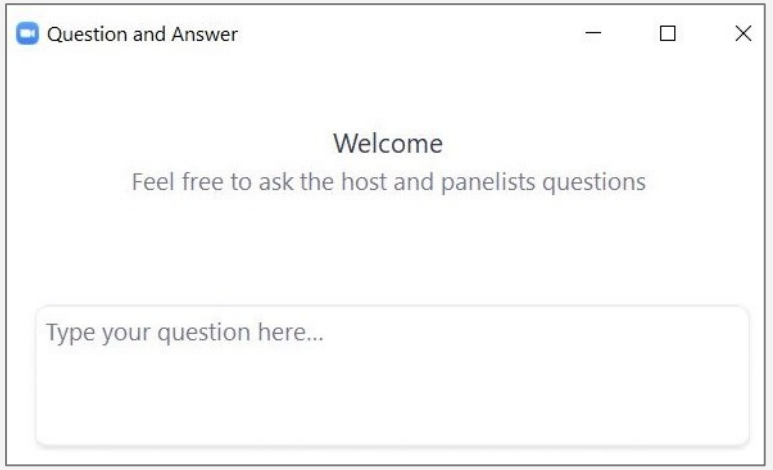
Important Reminders – Configuring Device Settings

- The setting “Do not erase all local data” is crucial to allow Chrome local storage to be used to store student responses if network connectivity is lost. If this is not configured, student responses will not be saved to the device in the case of internet disruptions.
- Students with accommodations that are embedded within the MCAS Student Kiosk, including text-to-speech, word prediction, and speech-to-text, will access these accommodations directly through the MCAS Student Kiosk as they are delivered by the test platform. ChromeOS contains native accessibility features that may appear within the kiosk with a floating menu. Technology coordinators should disable the floating accessibility menu in Google Admin before testing occurs to avoid issues.

Questions & Answers

Use the “Q&A” feature to ask questions.





4. Steps to Take After Installation

Site Readiness Testing and Site Certification

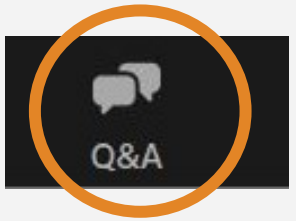
- After installing the ChromeOS PWA, all schools and districts must conduct site readiness testing. The Site Readiness tool includes the System Set-Up Test and the Student Interface Test and **both parts** must be completed.
  - The **System Set-Up Test** tests bandwidth, connectivity, screen resolution, and the text-to-speech function.
  - The **Student Interface Test** provides sample test questions to determine whether the device is capable of correctly displaying and navigating test content in the MCAS Student Kiosk.

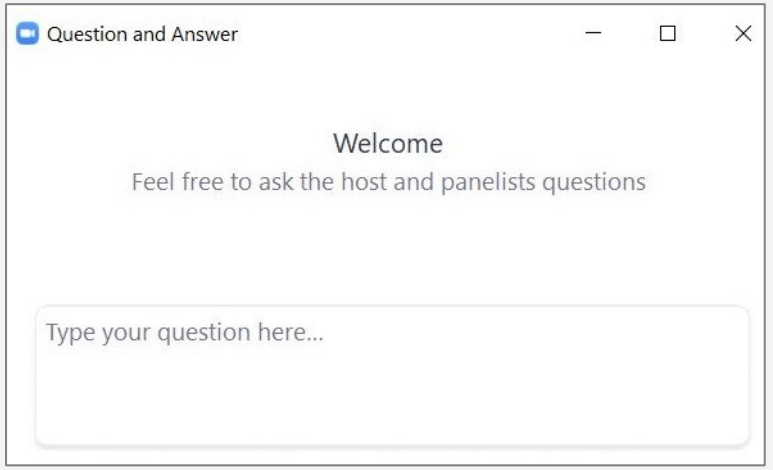
Important Notes on Site Readiness

- If you run the **Check Student Interface** test on a Chromebook and you receive the error message "**This test must be taken with the kiosk or mobile app**", this is an indication that the MCAS web app and extension are not installed correctly in Google Admin console.
- Results for Site Readiness testing will only display in the MCAS Portal if **both parts** of the Site Readiness test are taken.
- Step-by-step instructions on completing Site Readiness and Site Certification are available in section V of the MCAS Student Kiosk Technology Guide.
- Site Readiness steps will be covered during the February 2 Technology Coordinator Training.

Questions & Answers

Use the “Q&A” feature to ask questions.





5. Resources, Support, and Next Steps

Additional Resources

Resource	Location
MCAS Resource Center	mcas.onlinehelp.cognia.org
MCAS Portal user guides	https://mcas.onlinehelp.cognia.org/portal/
MCAS Student Kiosk Technology Guide (including excepts)	https://mcas.onlinehelp.cognia.org/technology-setup/
Student Assessment Updates (Biweekly email with important updates about the MCAS program)	www.doe.mass.edu/mcas/updates.html If you do not already receive this email, subscribe using this link: http://eepurl.com/ghSOhH

Next Steps

- **Today:** Complete the evaluation form.
  - Responses are associated with the name and email address used to log in.
  - Email your input to mcas@mass.gov if you have problems accessing or completing the form.
- **Within one week:**
  - Receive an email with the Q&A from this session
  - Recording will be available

Email and Phone Support

MCAS Service Center

- Questions on logistics and technology
  - **Web:** https://mcas.onlinehelp.cognia.org/
  - **Email:** mcas@cognia.org
  - **Phone:** 800-737-5103
  - **TTY:** 888-222-1671
  - Live chat is available at the link on the bottom of the page at the MCAS Resource Center

DESE Student Assessment Services

- Policy questions (e.g., student participation, accommodations)
  - **Web:** www.doe.mass.edu/mcas
  - **Email:** mcas@mass.gov
  - **Phone:** 781-338-3625
  - **TTY:** 800-439-2370

6. Live “Sandbox” Time

Poll Question

Which demonstrations would you like to see again?

A. Installing the PWA
B. Configuring device settings
C. Reviewing Site Readiness results

THANK YOU

The Office of Student Assessment Services

781-338-3625

mcas@mass.gov

www.doe.mass.edu/mcas

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