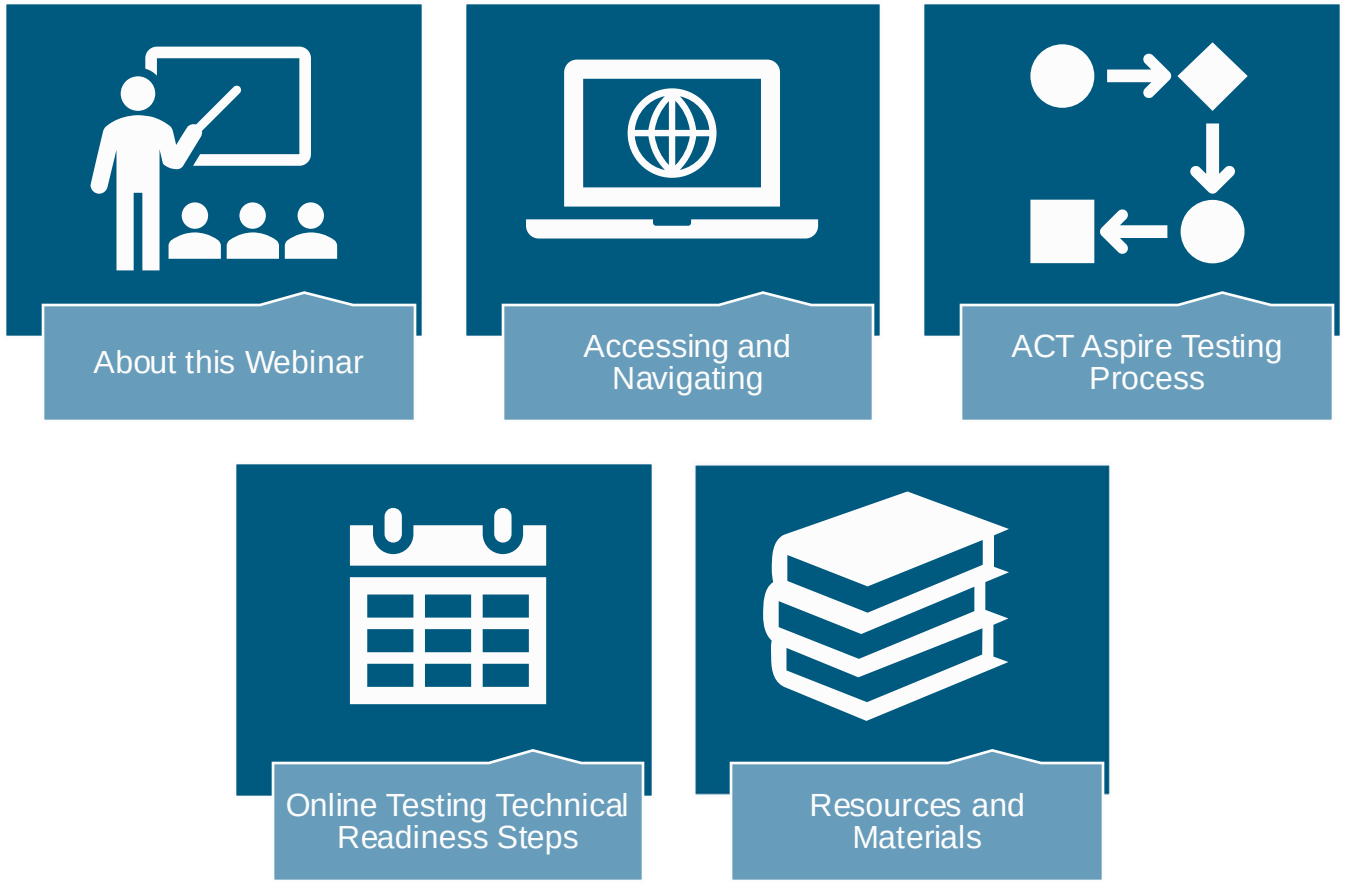
ACT® ASPIRE®

Technical Readiness

Online Testing

AGENDA



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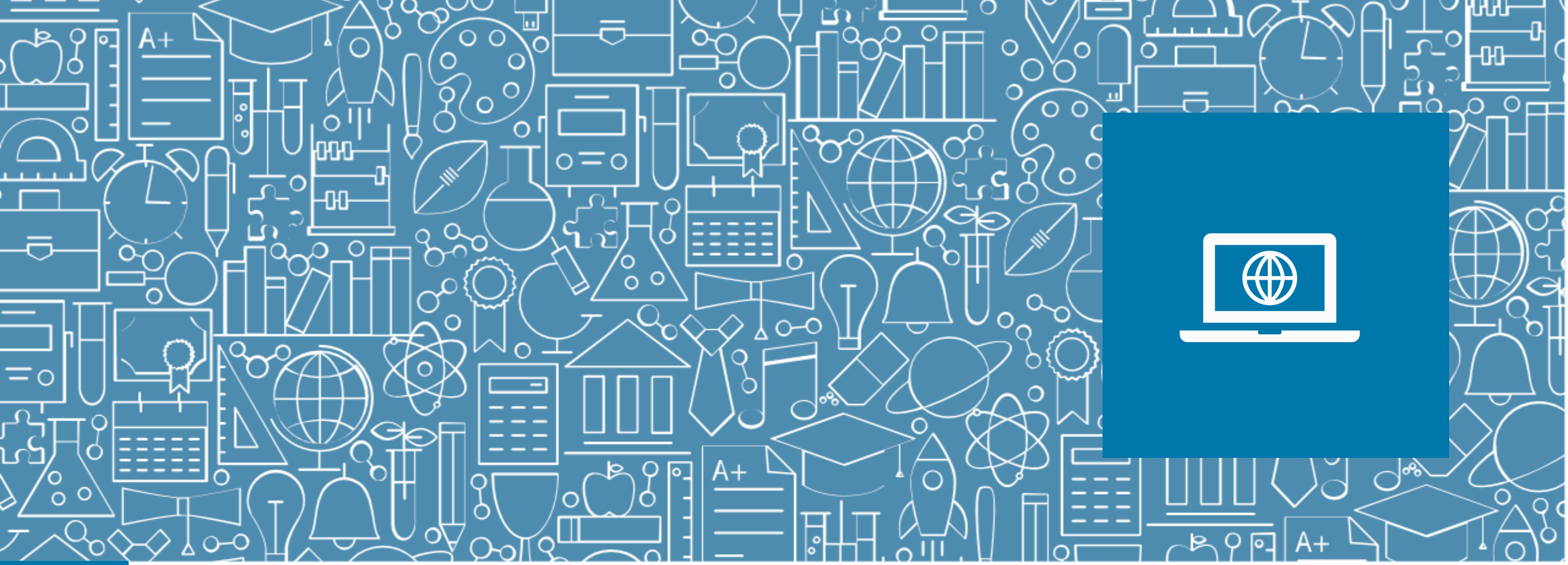

ACCESSING AND NAVIGATING

ACCESSING AND NAVIGATING

ACCESSING PearsonAccess^{next}

- ASPIRE.ACT.ORG

ACCESSING AND NAVIGATING

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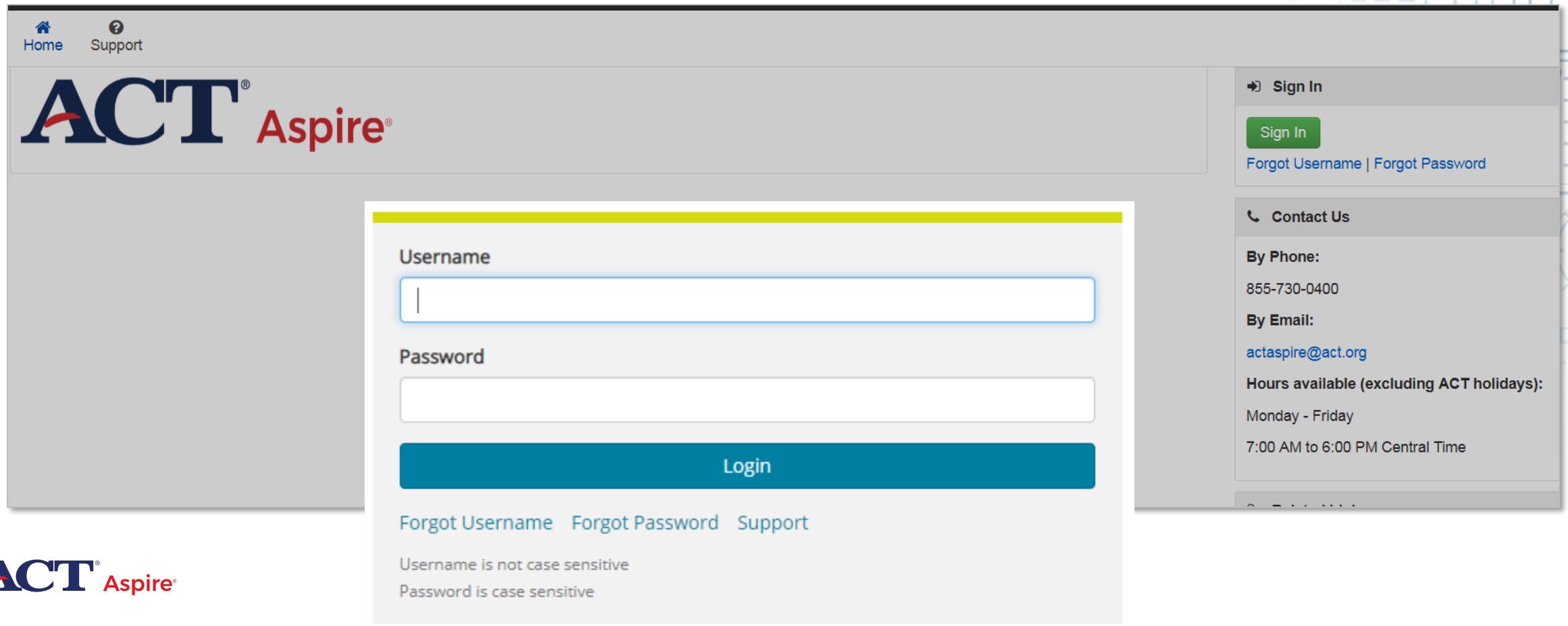

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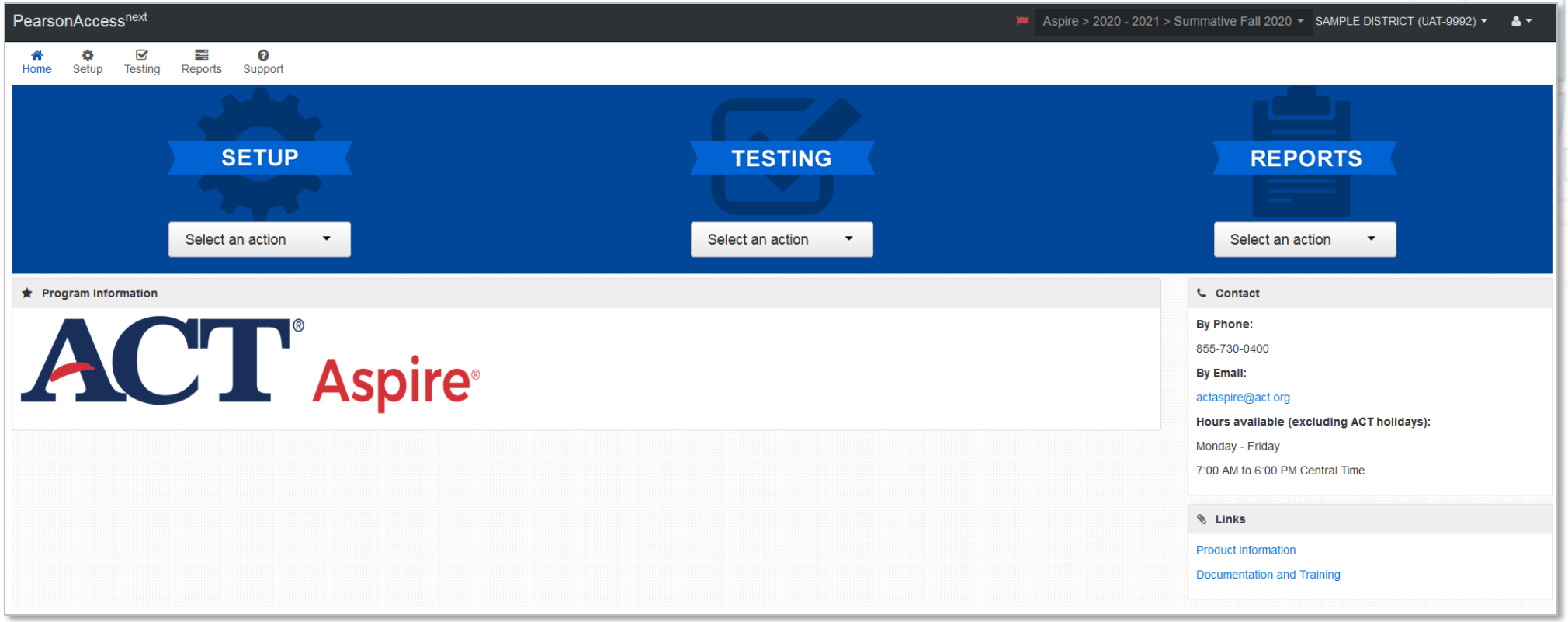

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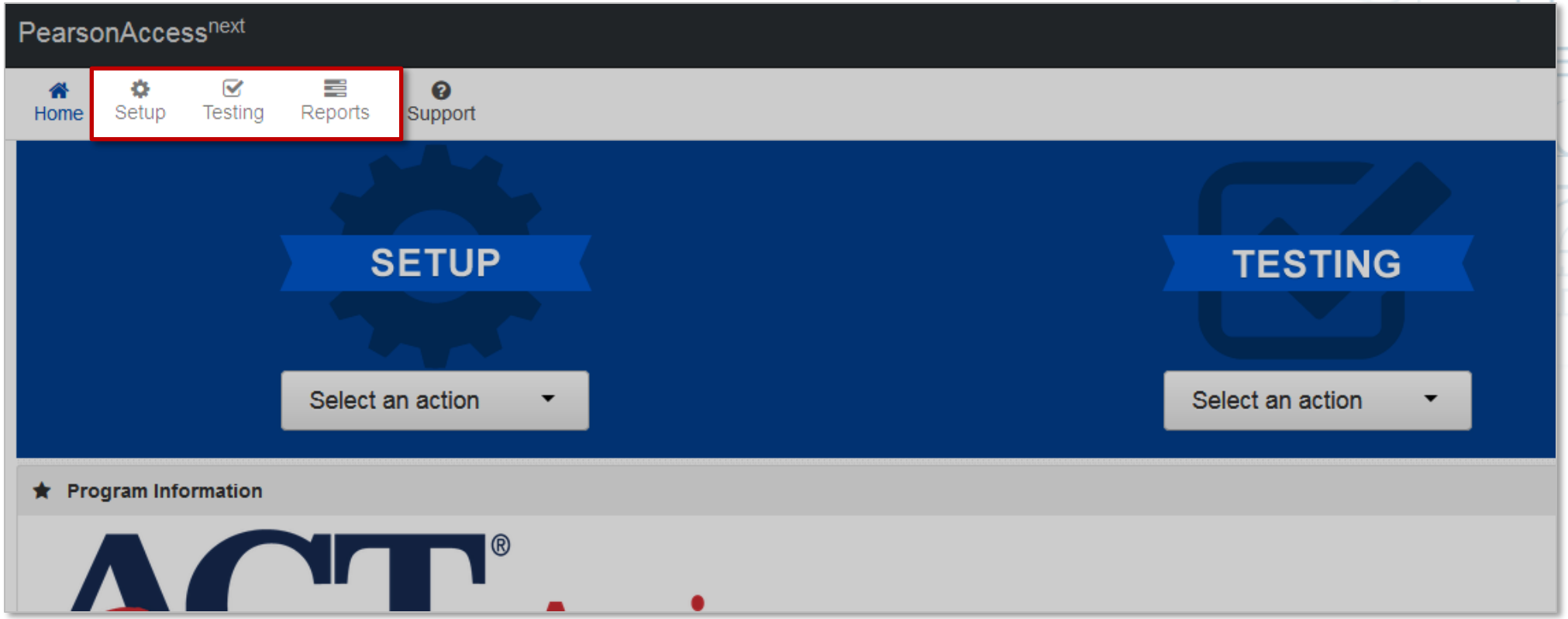

ACCESSING AND NAVIGATING

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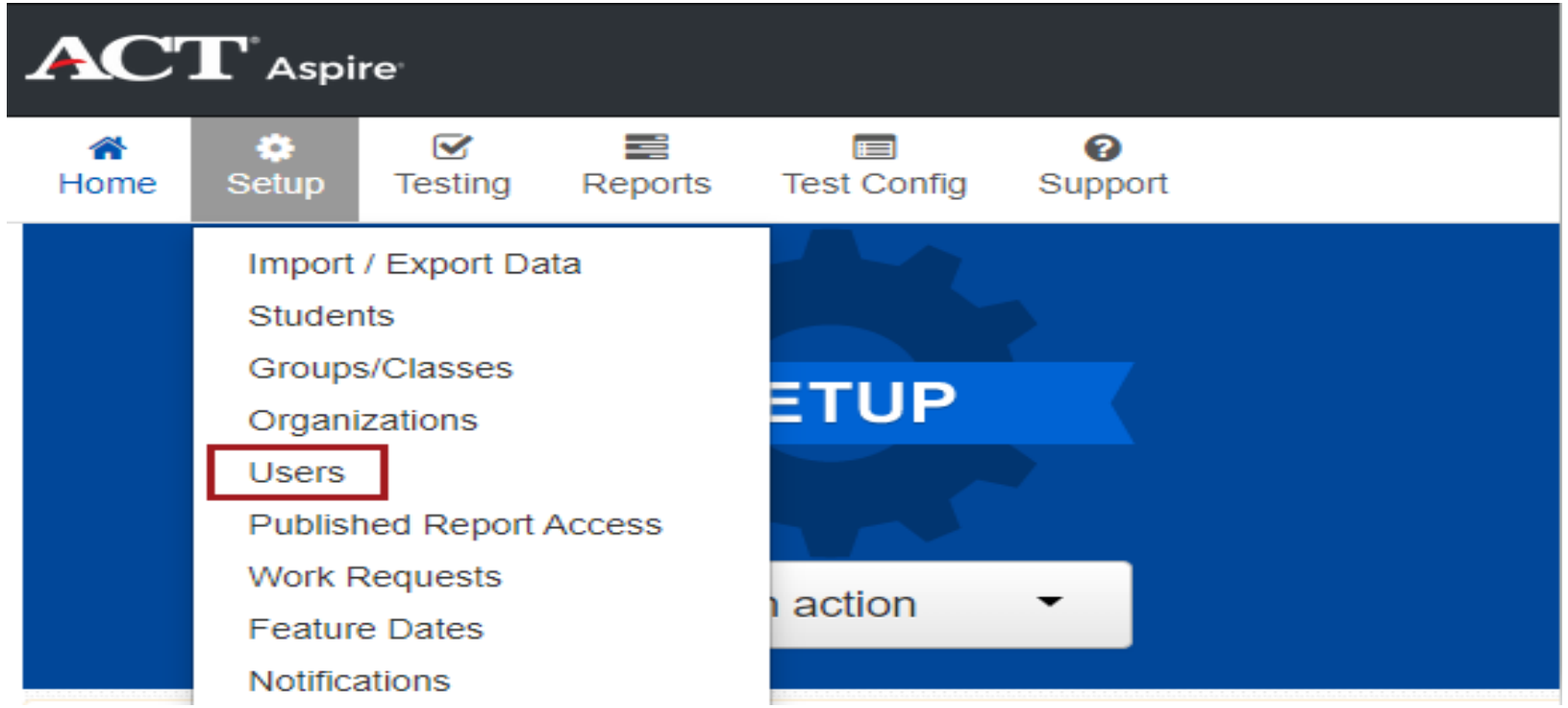
- SETUP > USERS



ACCESSING AND NAVIGATING

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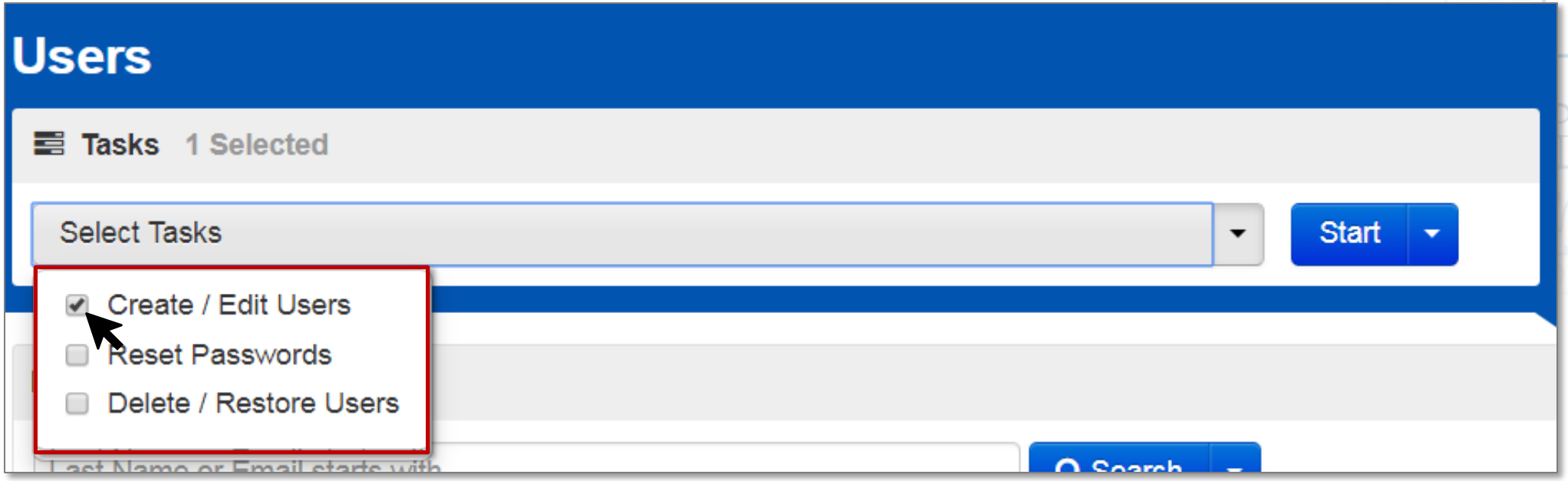
- TASK MENUS



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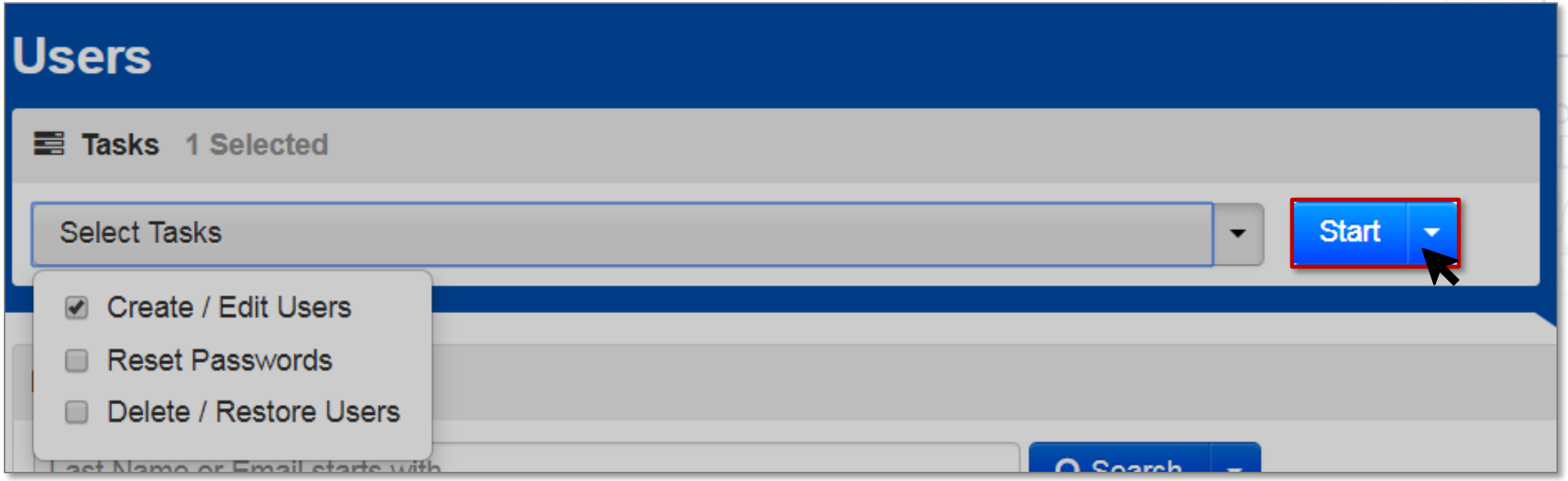

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ACCESSING AND NAVIGATING

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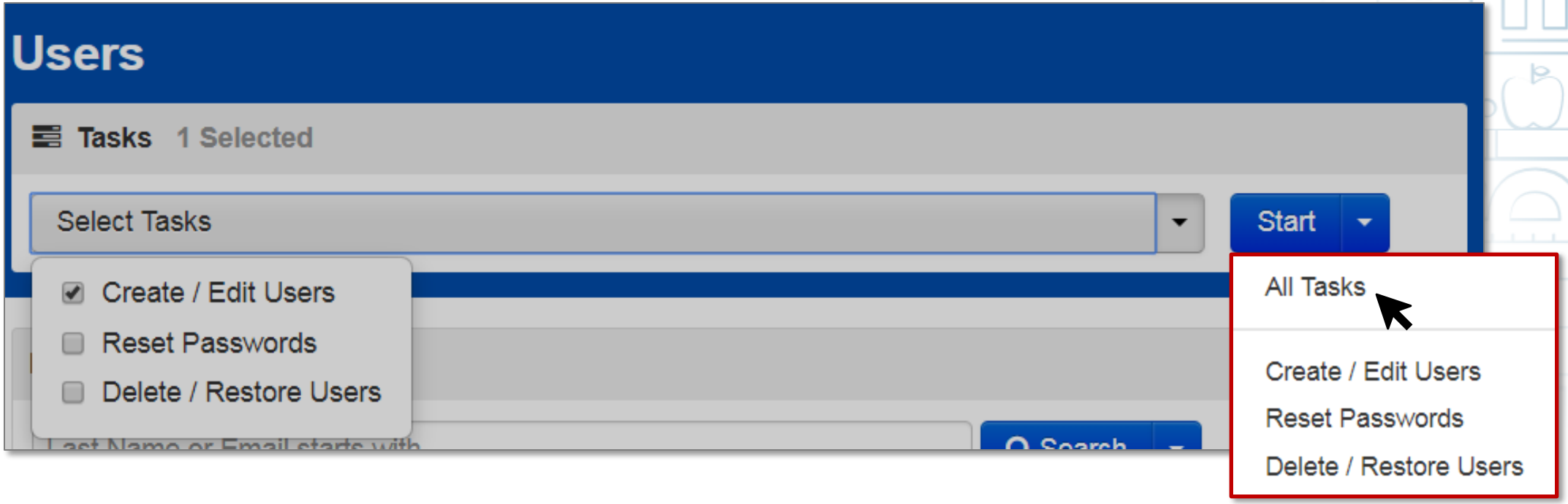
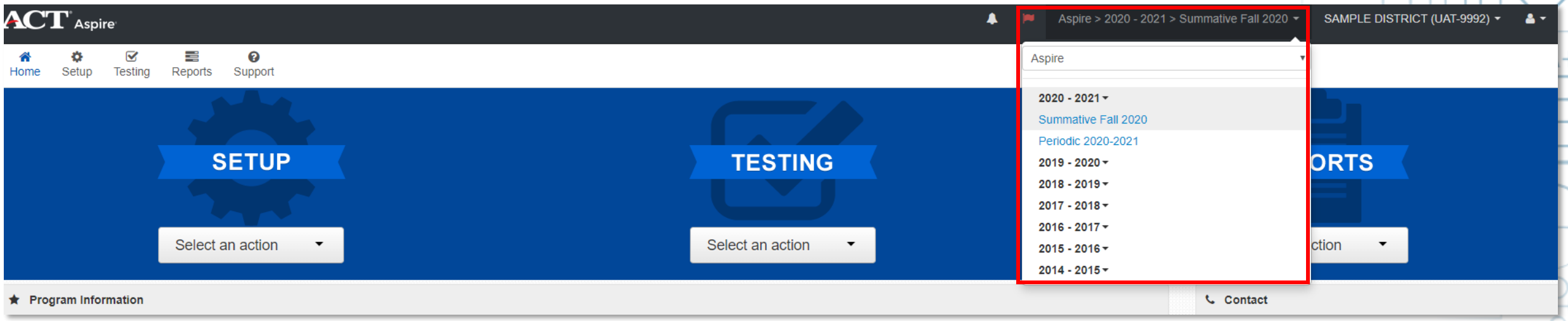
- TASK MENUS



ACCESSING AND NAVIGATING

CHANGING ADMINISTRATIONS



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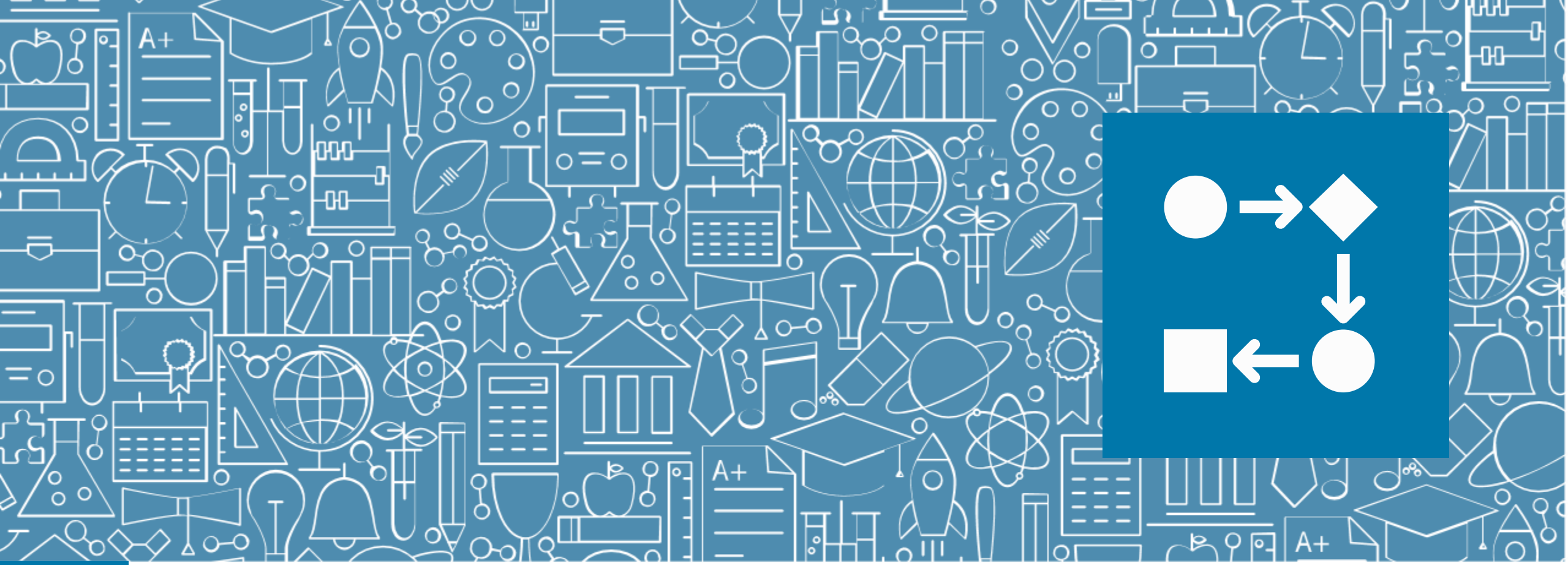
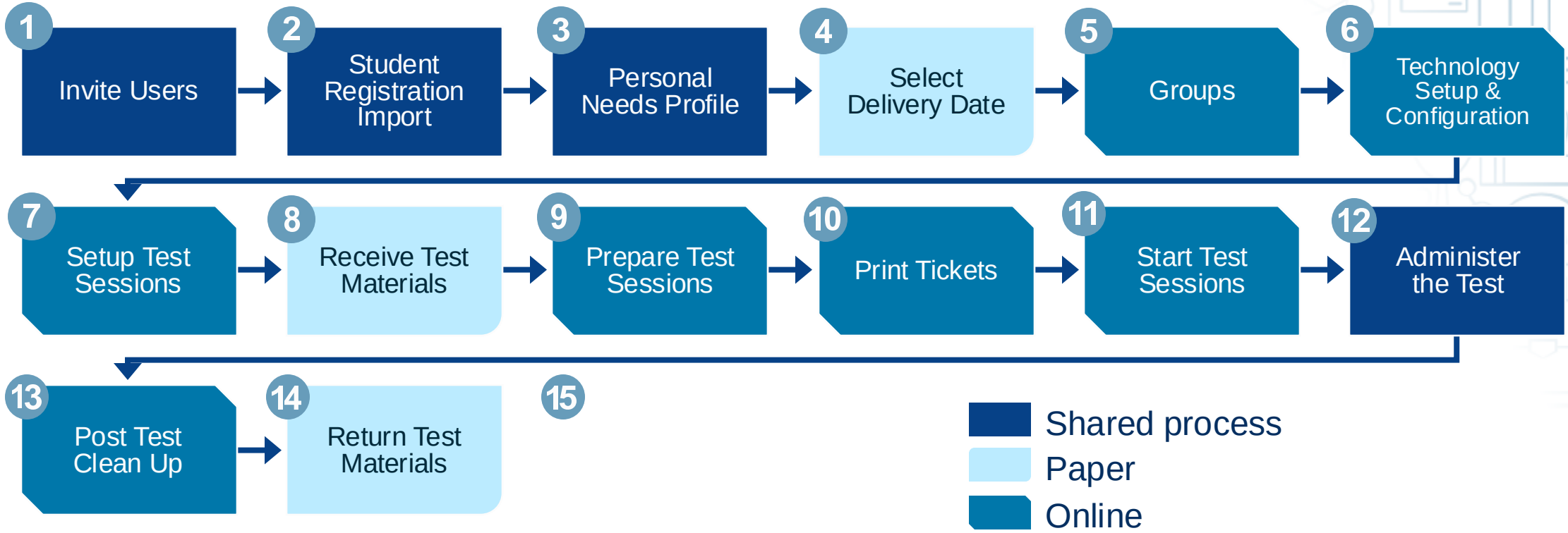


ACT ASPIRE TESTING PROCESS

ACT ASPIRE TESTING PROCESS

COMBINED FLOW



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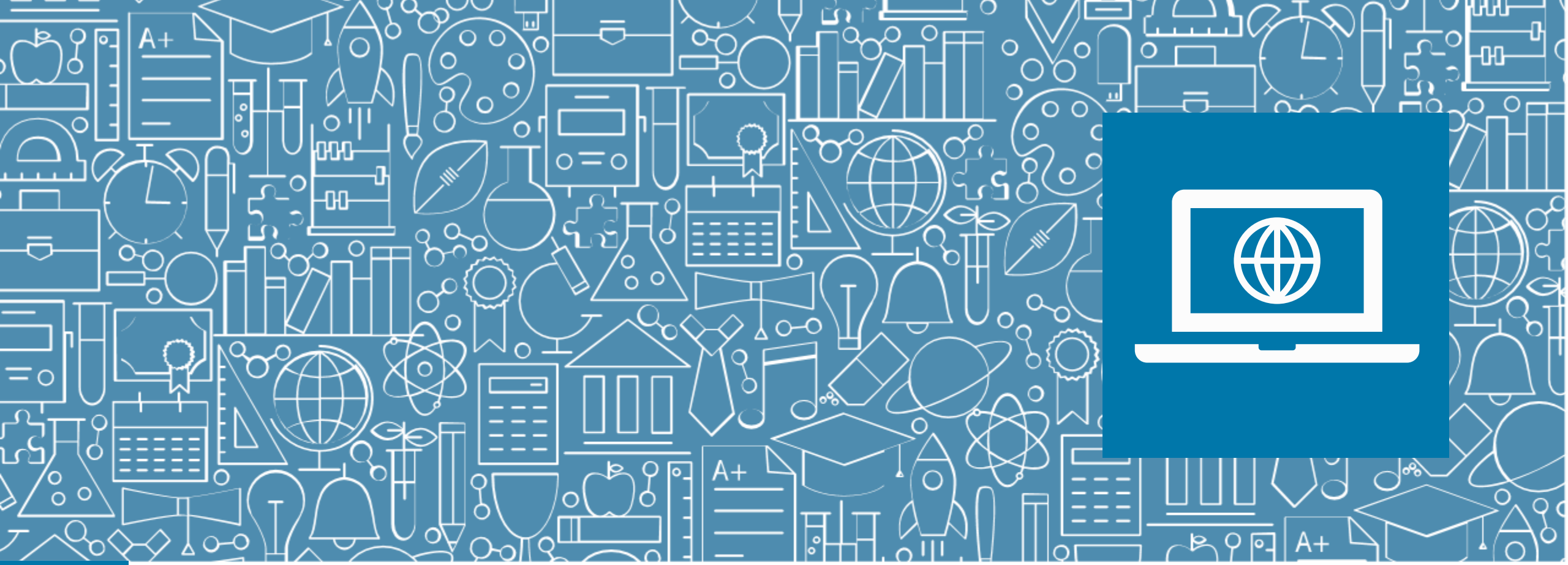
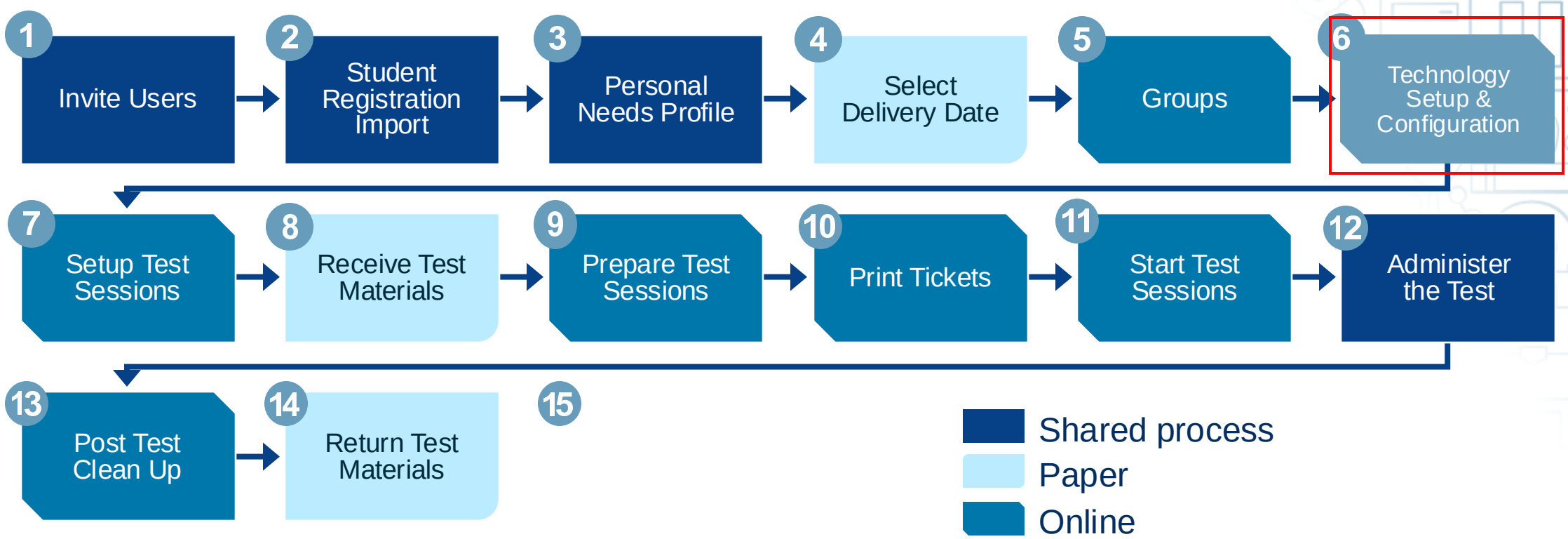


ONLINE TESTING TECHNICAL READINESS STEPS

ONLINE TESTING TECHNICAL READINESS STEPS

6 TECHNOLOGY SETUP & CONFIGURATION



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ONLINE TESTING TECHNICAL READINESS STEPS

6 TECHNOLOGY SETUP & CONFIGURATION

INSTALL

TestNav on testing devices

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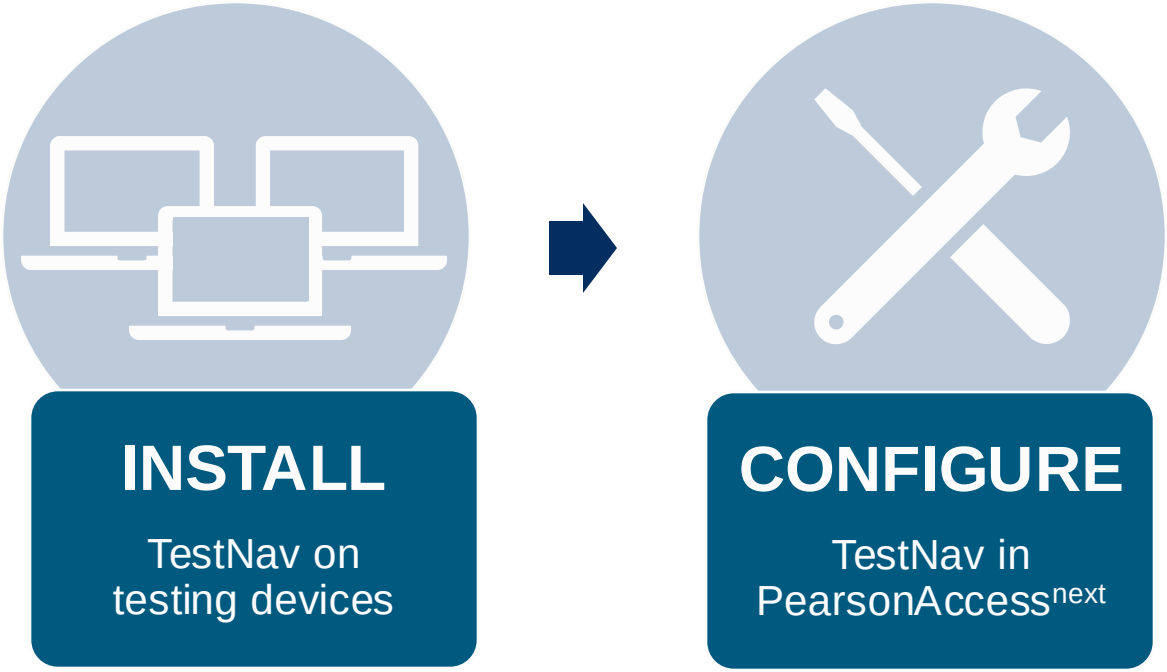
ONLINE TESTING TECHNICAL READINESS STEPS

6 TECHNOLOGY SETUP & CONFIGURATION



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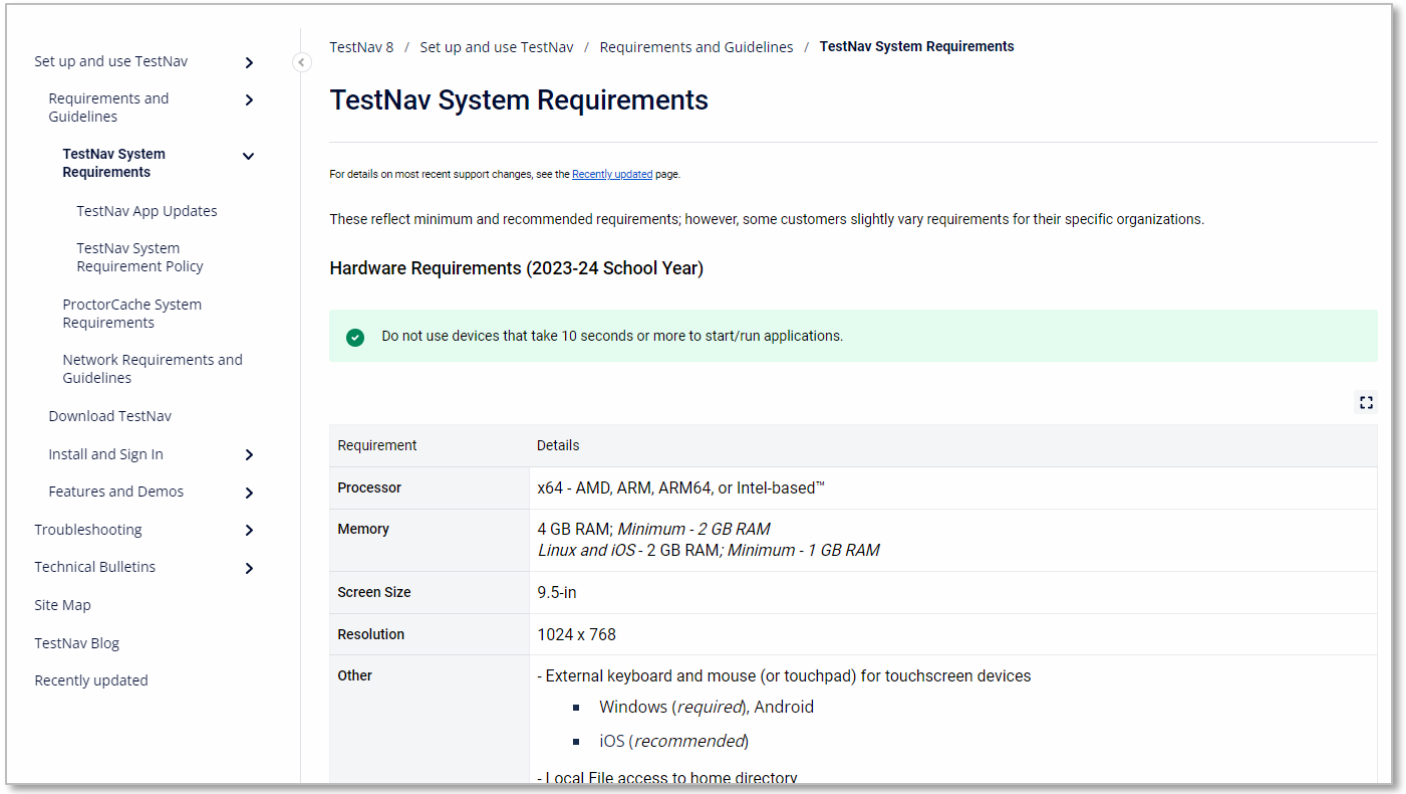
ONLINE TESTING TECHNICAL READINESS STEPS

6 TestNav - SYSTEM REQUIREMENTS



Set up and use TestNav
Requirements and Guidelines
TestNav System Requirements
TestNav App Updates
TestNav System Requirement Policy
ProctorCache System Requirements
Network Requirements and Guidelines
Download TestNav
Install and Sign In
Features and Demos
Troubleshooting
Technical Bulletins
Site Map
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Recently updated

TestNav 8 / Set up and use TestNav / Requirements and Guidelines / TestNav System Requirements

TestNav System Requirements

For details on most recent support changes, see the Recently updated page.

These reflect minimum and recommended requirements; however, some customers slightly vary requirements for their specific organizations.

Hardware Requirements (2023-24 School Year)

Do not use devices that take 10 seconds or more to start/run applications.

Requirement	Details
Processor	x64 - AMD, ARM, ARM64, or Intel-based™
Memory	4 GB RAM; *Minimum - 2 GB RAM* *Linux and iOS* - 2 GB RAM; *Minimum - 1 GB RAM*
Screen Size	9.5-in
Resolution	1024 x 768
Other	- External keyboard and mouse (or touchpad) for touchscreen devices ▪ Windows (*required*), Android ▪ iOS (*recommended*) - Local File access to home directory

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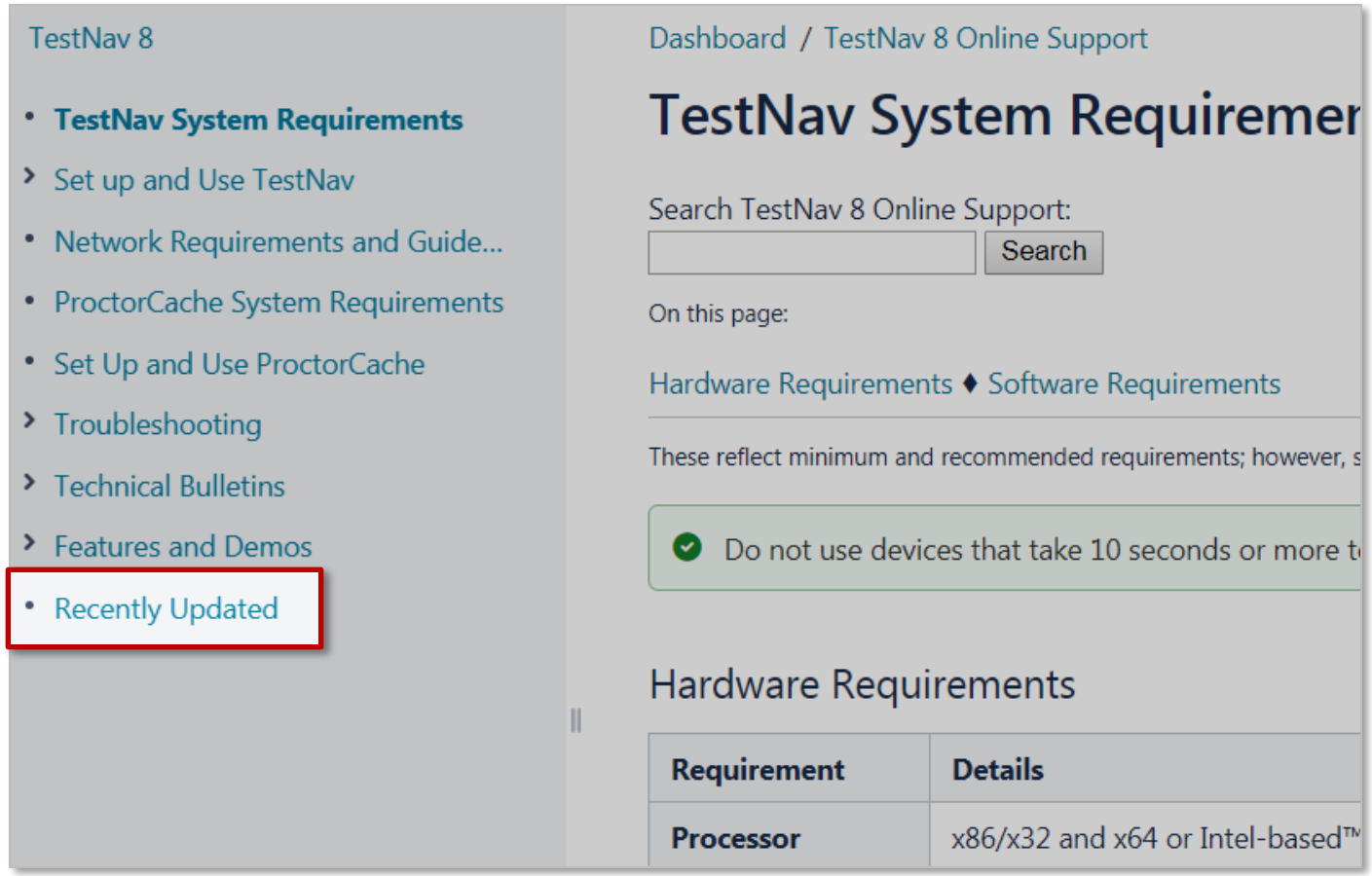
ONLINE TESTING TECHNICAL READINESS STEPS

6 TestNav - SYSTEM REQUIREMENTS



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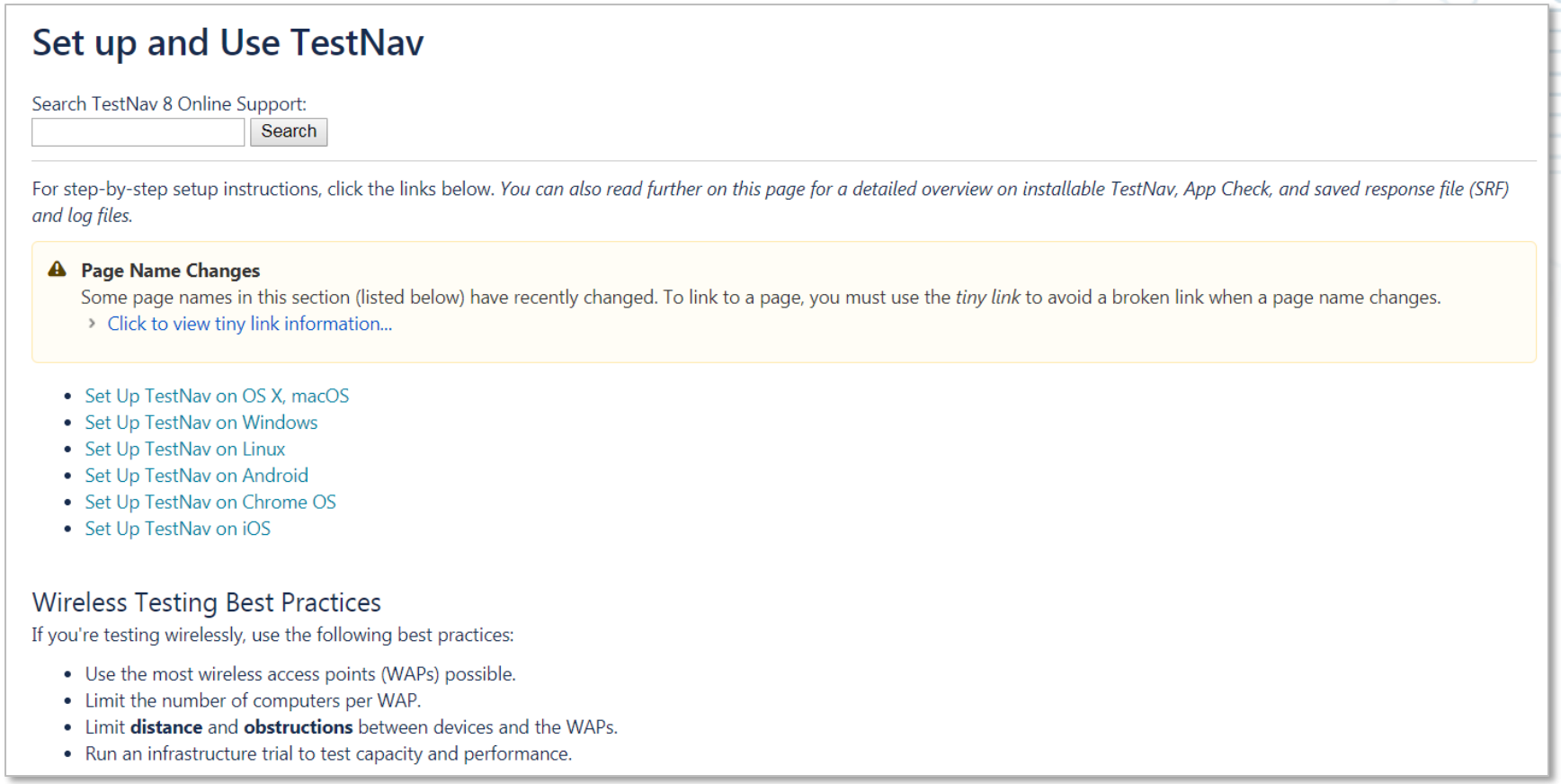
ONLINE TESTING TECHNICAL READINESS STEPS

6 TestNav - SET UP AND USE



Set up and Use TestNav

Search TestNav 8 Online Support:

Search

For step-by-step setup instructions, click the links below. *You can also read further on this page for a detailed overview on installable TestNav, App Check, and saved response file (SRF) and log files.*

Page Name Changes

Some page names in this section (listed below) have recently changed. To link to a page, you must use the *tiny link* to avoid a broken link when a page name changes.

› Click to view tiny link information...

- Set Up TestNav on OS X, macOS
- Set Up TestNav on Windows
- Set Up TestNav on Linux
- Set Up TestNav on Android
- Set Up TestNav on Chrome OS
- Set Up TestNav on iOS

Wireless Testing Best Practices

If you're testing wirelessly, use the following best practices:

- Use the most wireless access points (WAPs) possible.
- Limit the number of computers per WAP.
- Limit **distance** and **obstructions** between devices and the WAPs.
- Run an infrastructure trial to test capacity and performance.

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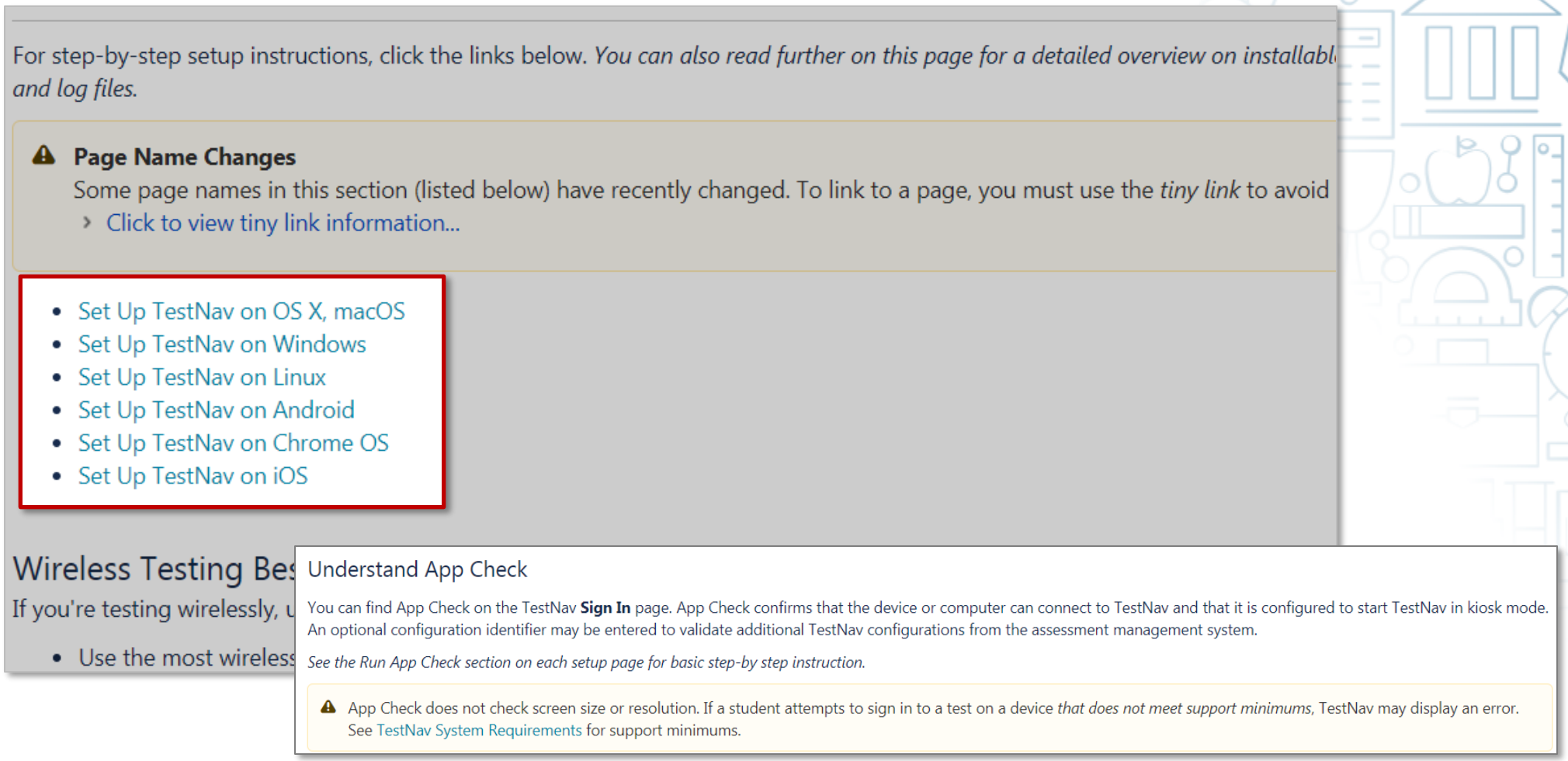
ONLINE TESTING TECHNICAL READINESS STEPS

6 TestNav - SET UP AND USE



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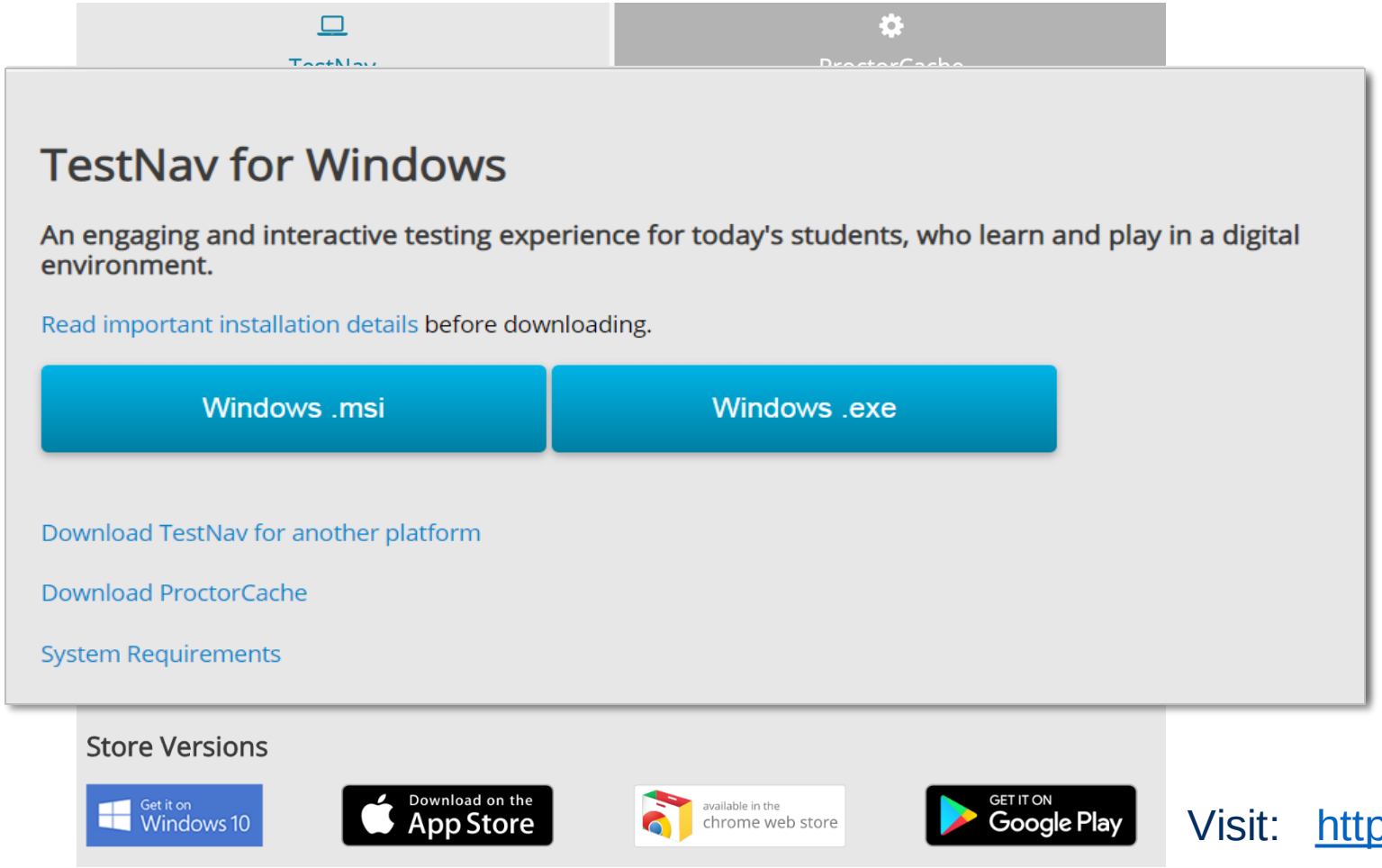
ONLINE TESTING TECHNICAL READINESS STEPS

6 TestNav – INSTALLATION



Visit: https://download.testnav.com

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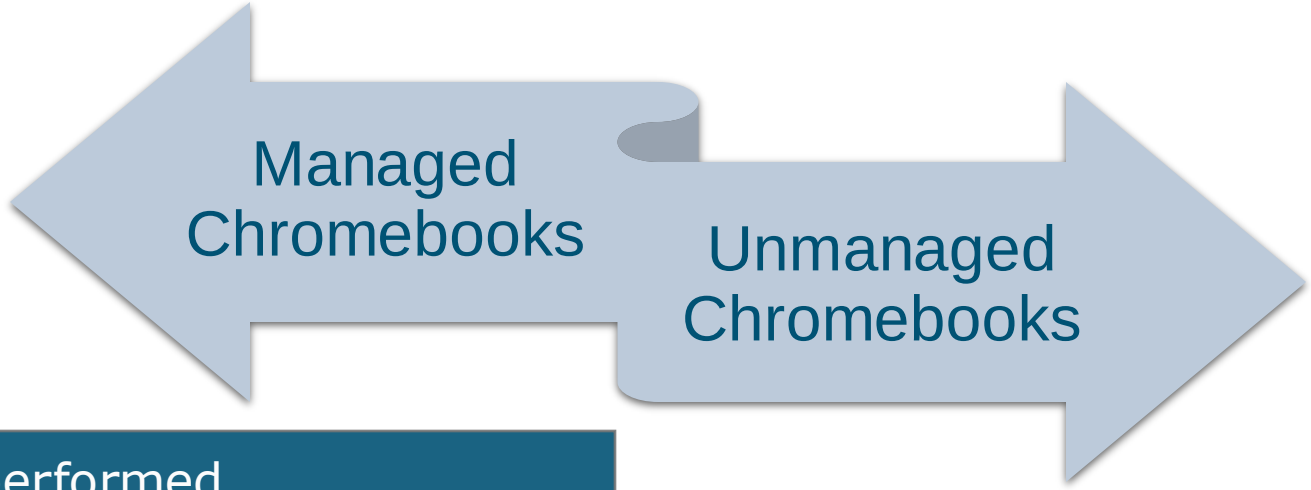
ONLINE TESTING TECHNICAL READINESS STEPS

6 TestNav – Mobile Devices - CHROMEBOOKS



- Installation can be performed simultaneously on all Chromebooks in your domain
- Two main steps to complete:
  - Install TestNav 8 App and set it to run as a Kiosk App
  - Preserve local data on Chromebook to retain SRF and log files on the device

- Installation steps have to be performed on each Chromebook
- Requires access to the administrator / owner account for device
  - Device will be backed up to cloud storage and wiped if you do not have access to the administrator account for the device
  - Chromebooks/Chromeboxes purchased in 2017 and later cannot run in kiosk mode.

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ONLINE TESTING TECHNICAL READINESS STEPS

6 TestNav – Mobile Devices - iPads

1. Delete any previously established TestNav restrictions from iPads
2. Search for the Assessments Overview on the *Apple Education* website (https://www.apple.com/education/it/) for details
3. Download and install the new TestNav for iPads app
4. When the TestNav app is started, it displays the Enable Microphone Permission prompt; you must click or tap ***OK*** to grant permission
5. After the student logs into TestNav, a **Confirm App Self Lock** prompt will display; click or tap ***Yes*** to proceed with testing

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ONLINE TESTING TECHNICAL READINESS STEPS

6 iPads – Assessment Timer

- iOS will exit kiosk mode after 8 hours (10.2)
- Determine if student(s) will exceed the allotted time
- Plan a break for student(s) to sign out prior
- If time expires, restart the iPad and resume the student(s)

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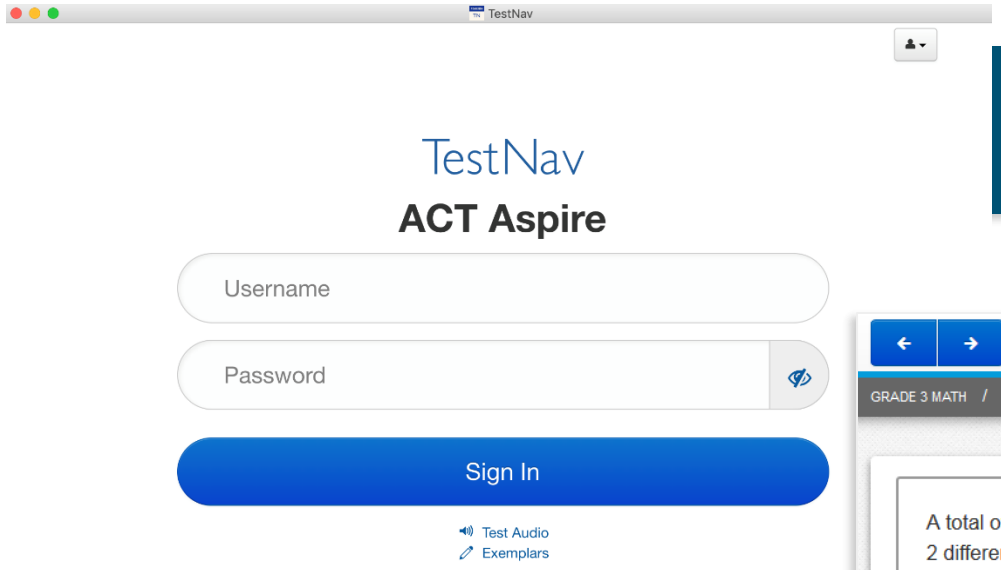
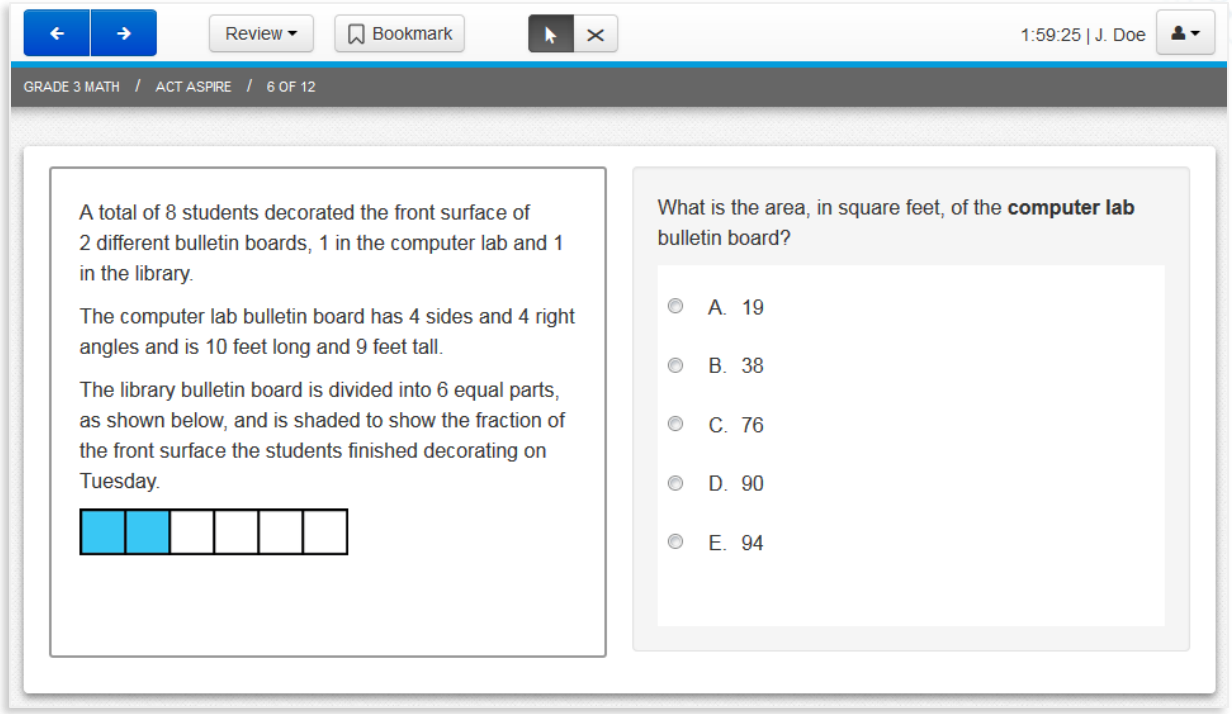
ONLINE TESTING TECHNICAL READINESS STEPS

6 Accessing TestNav 8



TestNav is the secure student testing application



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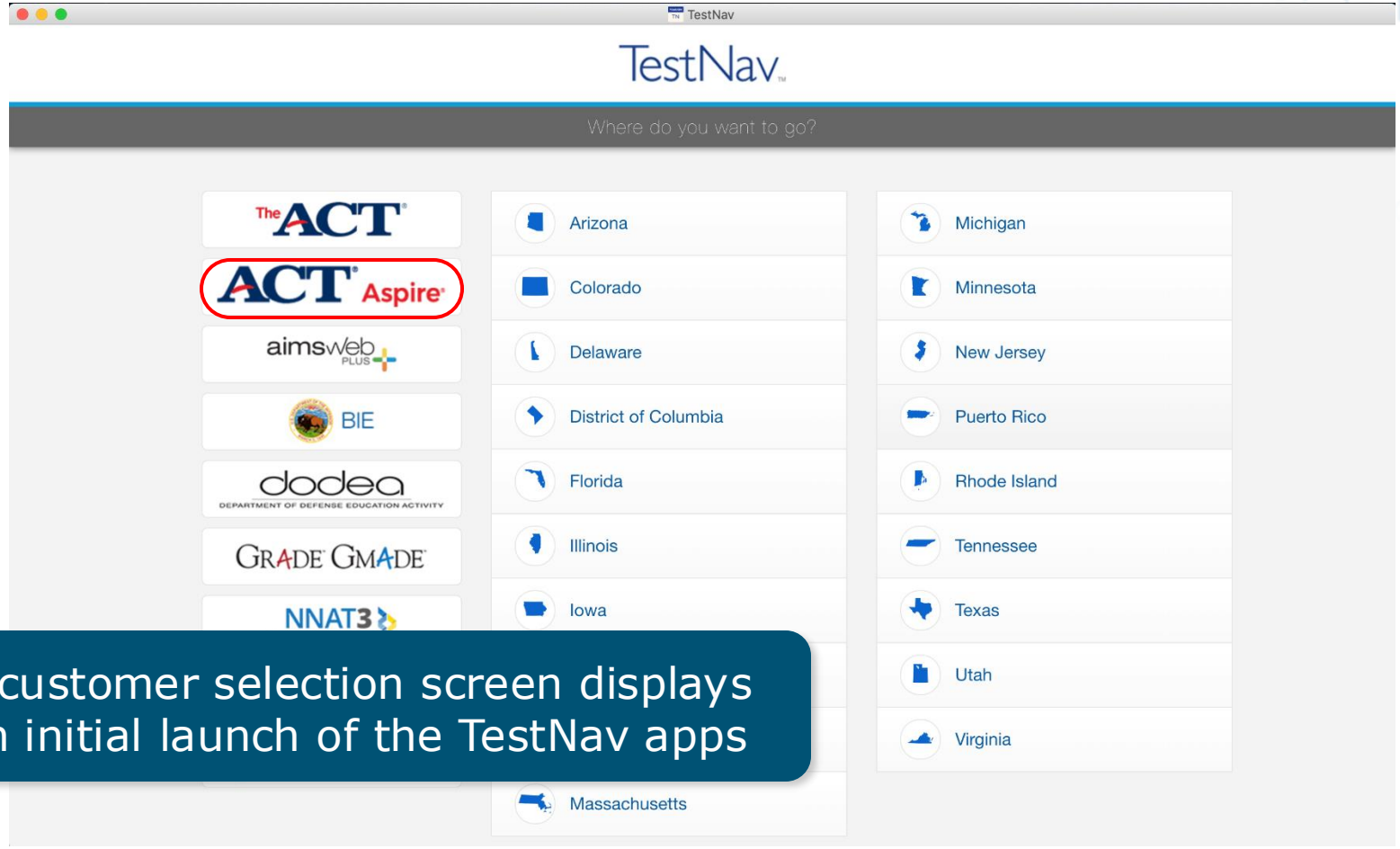
ONLINE TESTING TECHNICAL READINESS STEPS

6 Accessing TestNav 8



The customer selection screen displays upon initial launch of the TestNav apps

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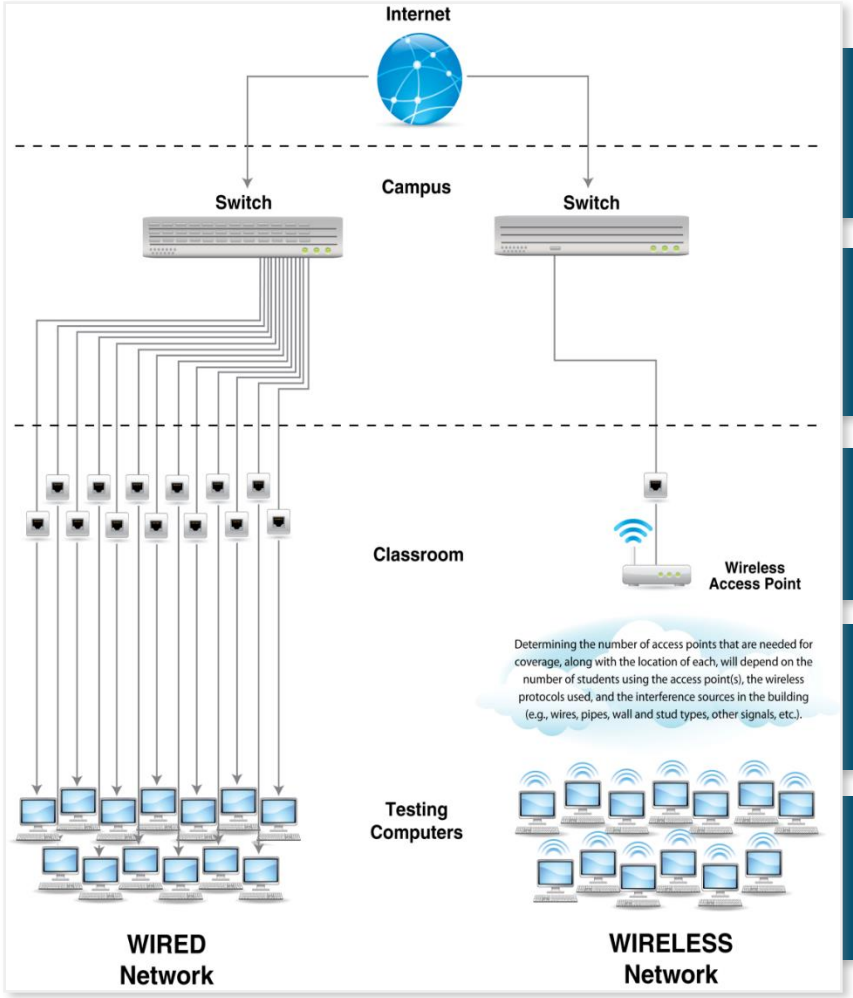
ONLINE TESTING TECHNICAL READINESS STEPS

6 Wireless Testing: Best Practices



- Wireless access points – more is better
- Limit computers per wireless access point
- Distance – closer is better
- Limit obstructions
- Test performance before scaling

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ONLINE TESTING TECHNICAL READINESS STEPS

6 Disable Automatic Applications

- Anti-virus software
- Power management software
- Screen savers
- IM software
- E-mail message notification

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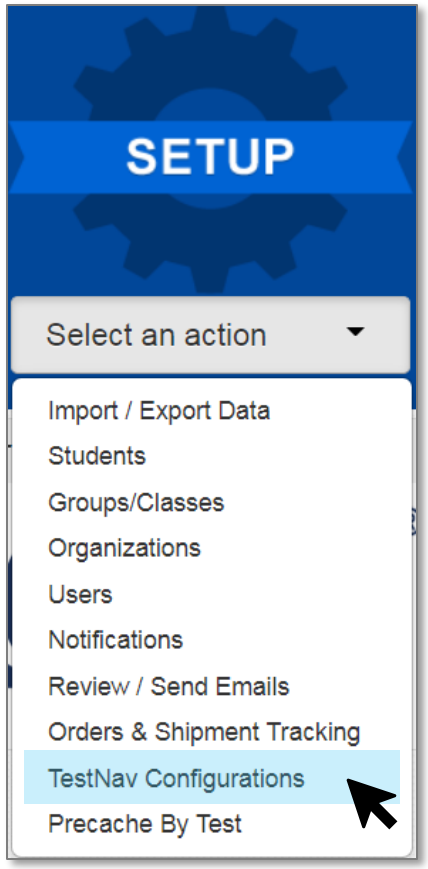
ONLINE TESTING TECHNICAL READINESS STEPS

6 SETUP - TestNav CONFIGURATIONS



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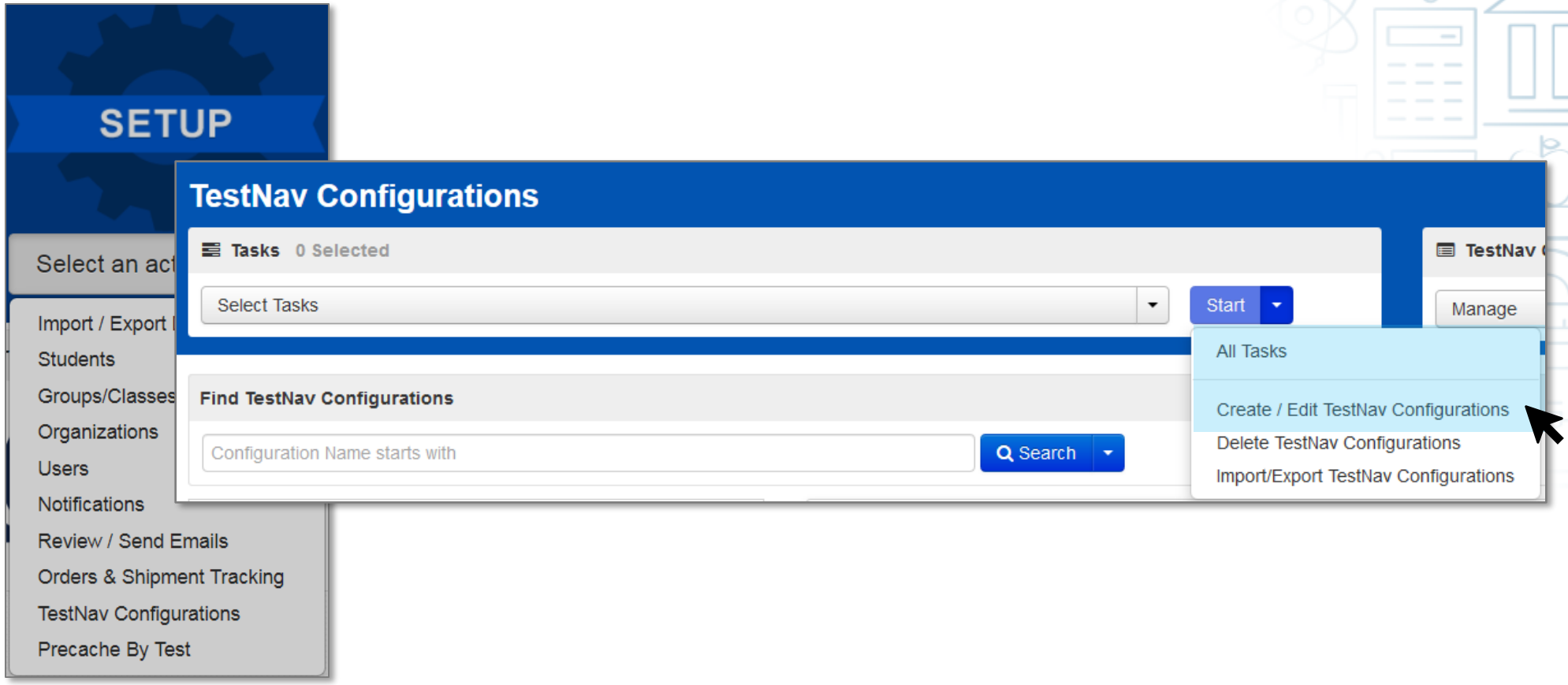
ONLINE TESTING TECHNICAL READINESS STEPS

6 SETUP - TestNav CONFIGURATIONS



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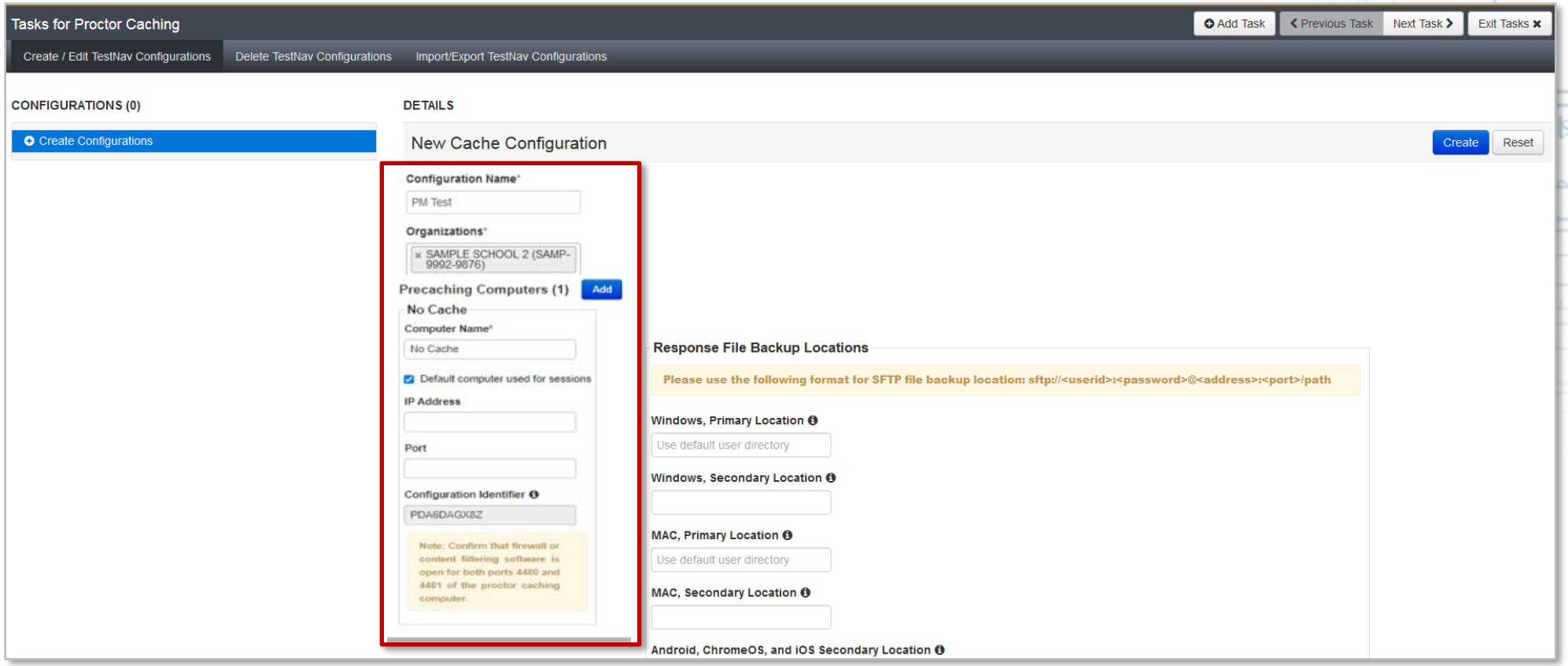
ONLINE TESTING TECHNICAL READINESS STEPS

6 SETUP - TestNav CONFIGURATIONS



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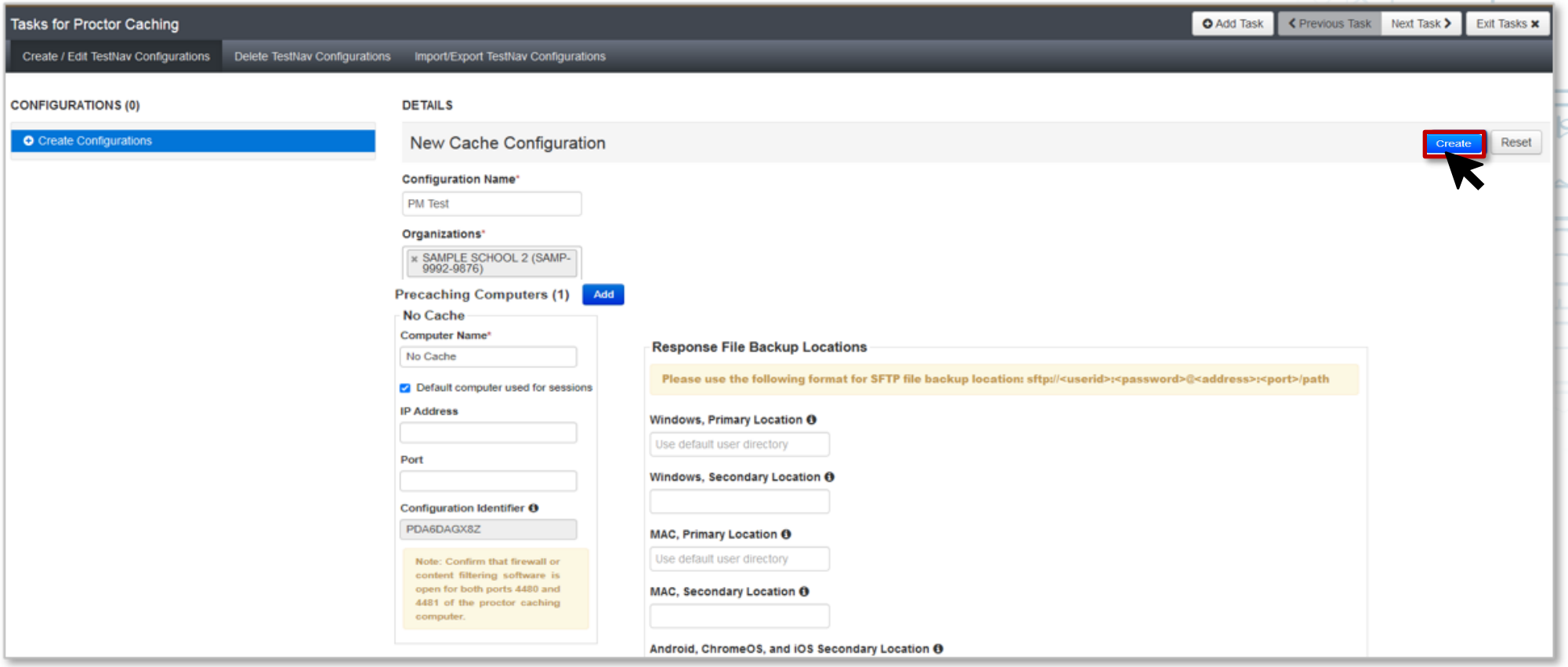
ONLINE TESTING TECHNICAL READINESS STEPS

6 SETUP - TestNav CONFIGURATIONS



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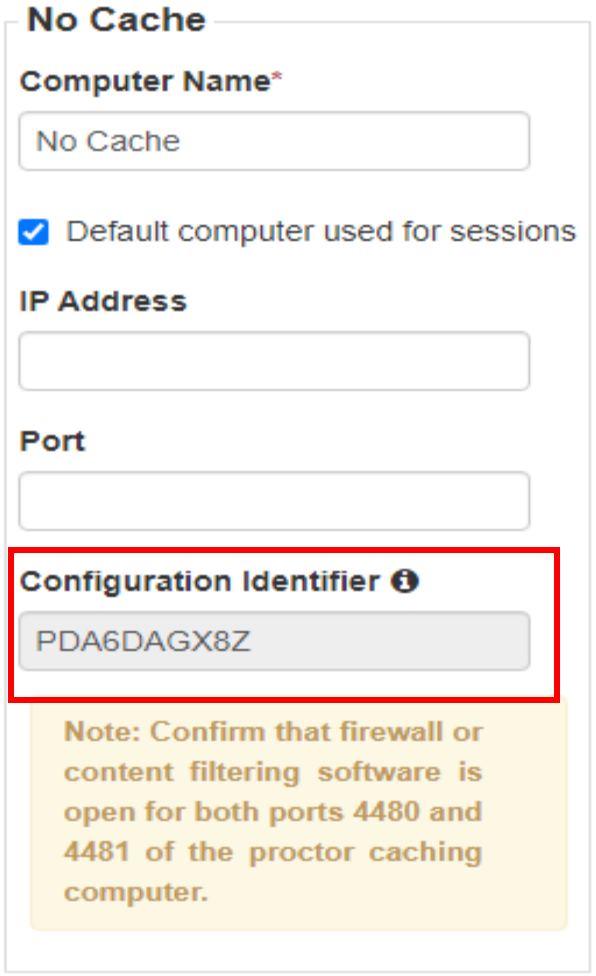
ONLINE TESTING TECHNICAL READINESS STEPS

6 SETUP – Configuration Identifier



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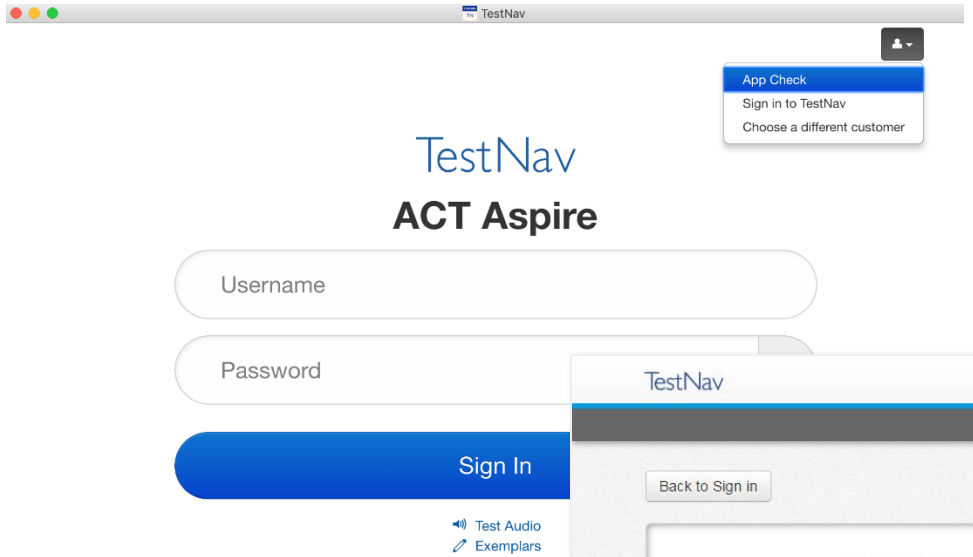
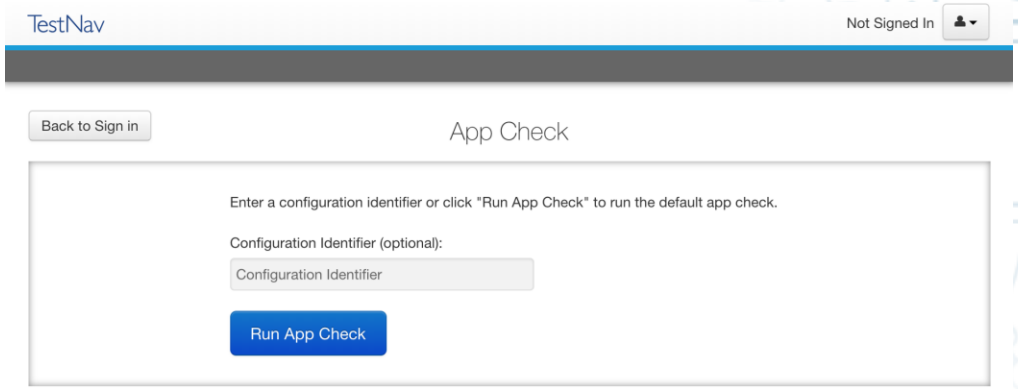
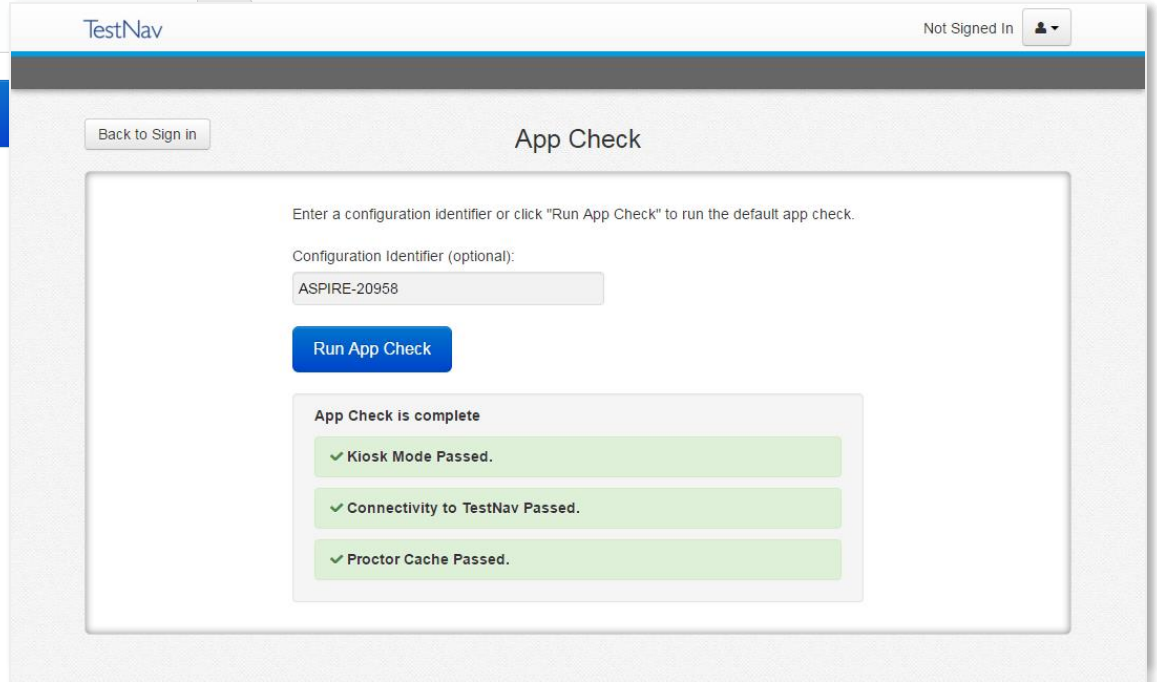
ONLINE TESTING TECHNICAL READINESS STEPS

6 TestNav – APP CHECK







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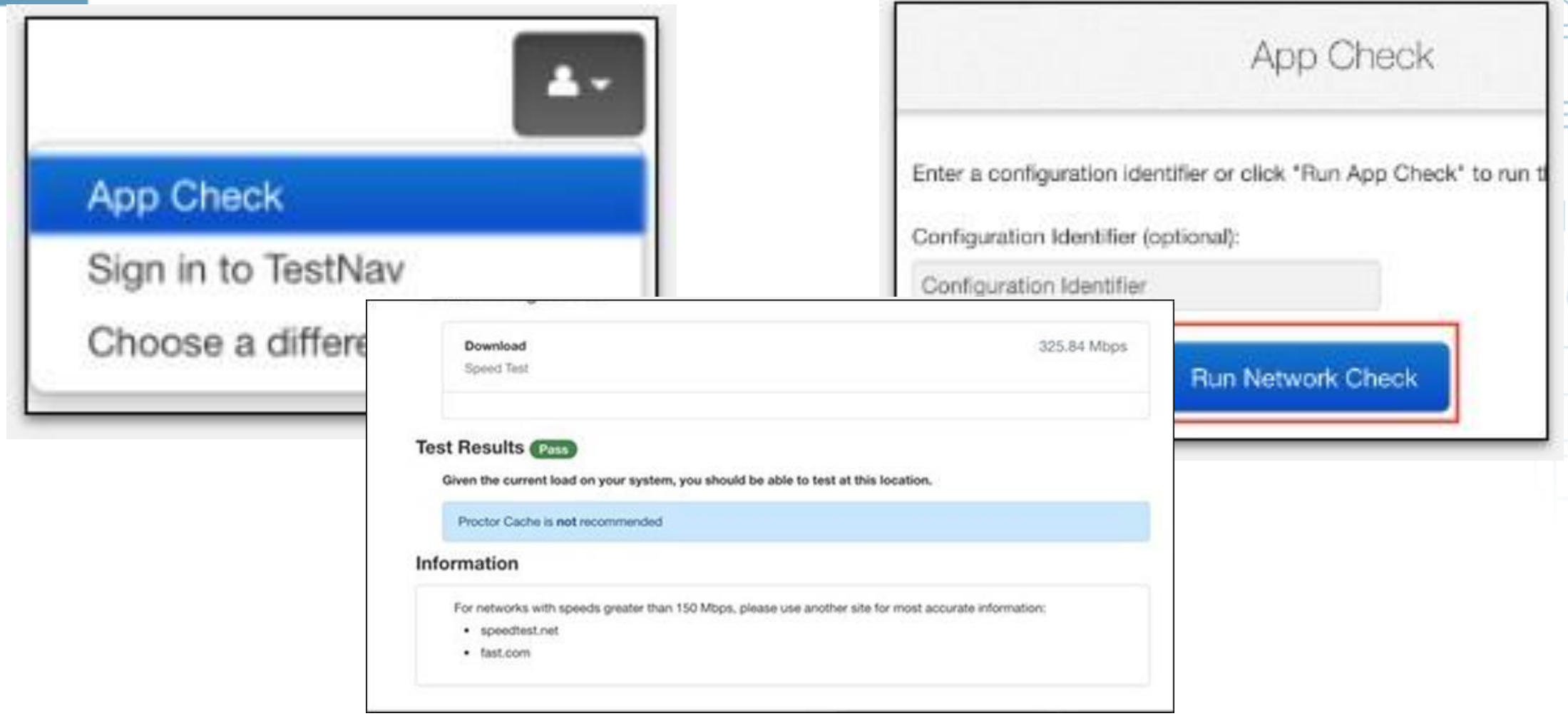
ONLINE TESTING TECHNICAL READINESS STEPS

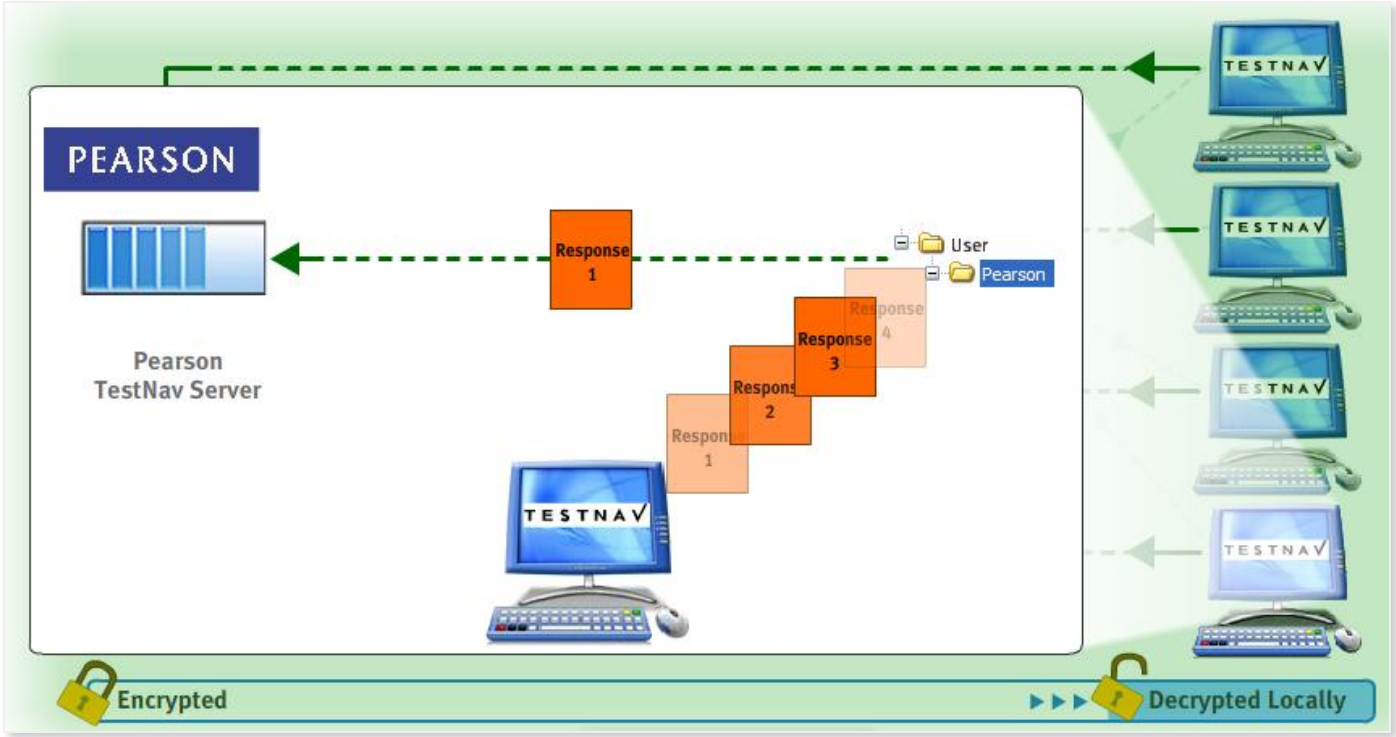
6 TestNav – NETWORK CHECK



ONLINE TESTING TECHNICAL READINESS STEPS

6 TestNav – EARLY WARNING SYSTEM (EWS)

The Early Warning System (EWS) is integrated functionality in TestNav that provides additional fail-safes in the event of unexpected network disruptions during computer-based testing.



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ONLINE TESTING TECHNICAL READINESS STEPS

6 TestNav – SAVED RESPONSE FILE (SRF)

EWS writes continuously in the background to the saved response file (SRF).

A combination of the student authorization letter and the test session is used to uniquely identify an SRF.

The SRF has a response data threshold that, once reached, triggers TestNav to send response data to Pearson servers.

Uploading of response data is continuous. If an upload to the Pearson servers fails, student responses continue to be saved locally while TestNav cycles and attempts another upload.

If the response data upload is successful, TestNav creates a new empty SRF and begins the process again. TestNav only deletes an SRF once it is successfully uploaded to the Pearson servers.

TestNav can identify the correct SRF if a test is successfully resumed.

Only the SRF from the student's last test attempt can be used when the student resumes a test.

ONLINE TESTING TECHNICAL READINESS STEPS

6 TestNav – Early Warning System Scenarios

1. TestNav determines that the Saved Response File location is not viable.
   Results in an immediate notification

2. TestNav is unable to download portions of the test.
   Results in an immediate notification

3. TestNav is unable to upload student responses to Pearson.
   Results in a notification only if the student attempts to Exit or Submit the test

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ONLINE TESTING TECHNICAL READINESS STEPS

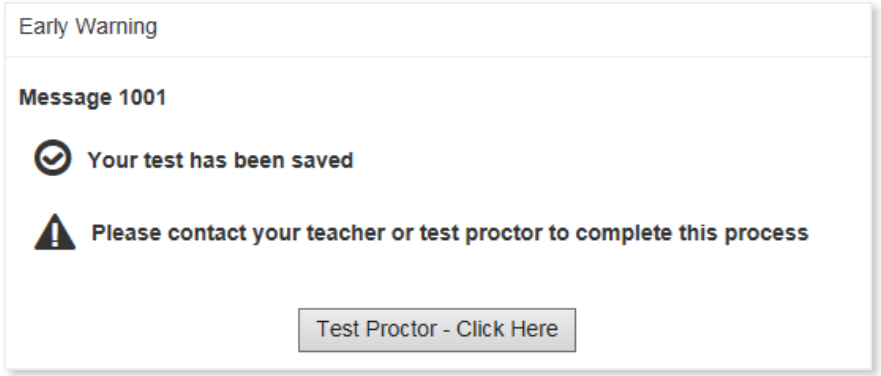
6 TestNav – Early Warning System Notification

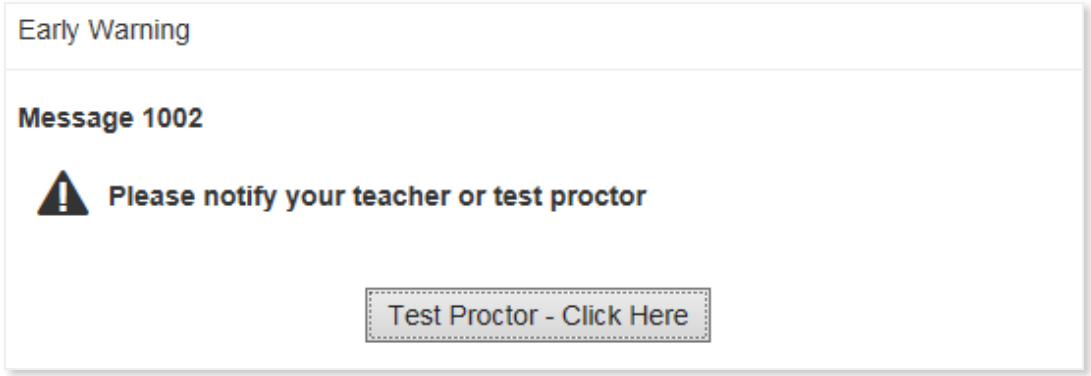
Students should:

- ALWAYS raise their hand when presented with any error screens
- NEVER click the button themselves

Interruptions will stop the timer, and resume when the student logs in.

Note: It may be necessary to contact your local Technology Coordinator to determine the appropriate course of action.





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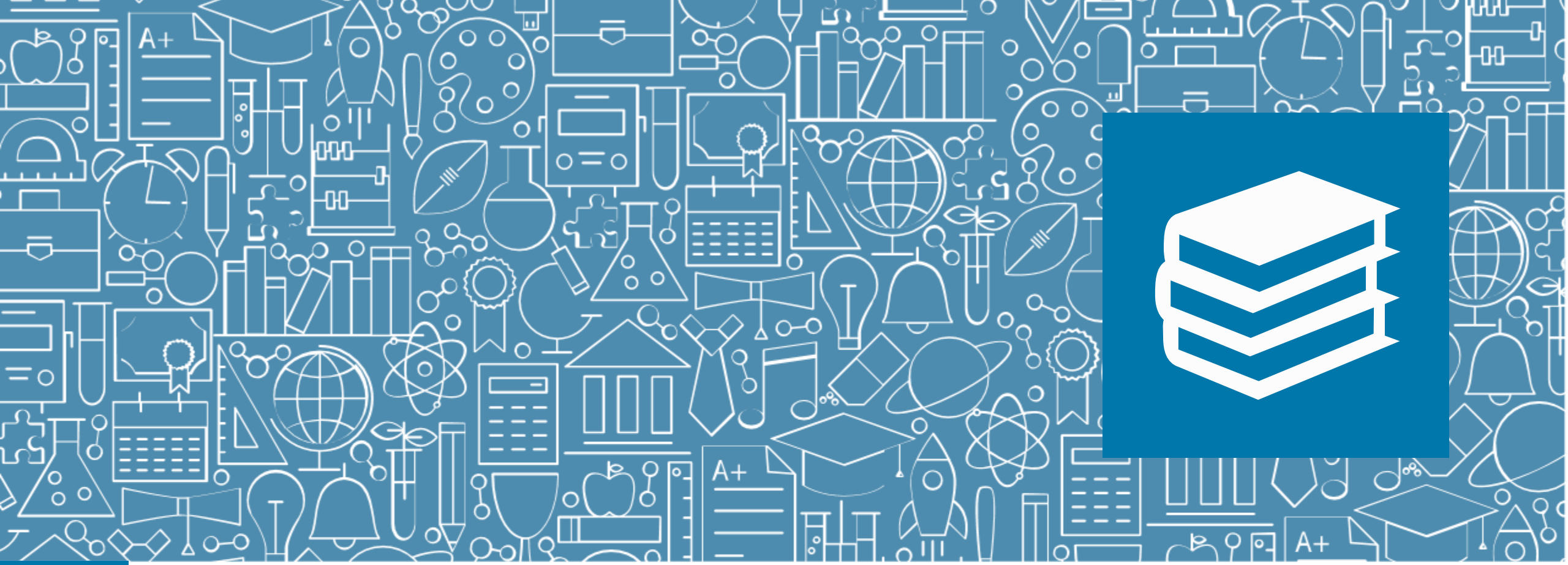

RESOURCES & MATERIALS

RESOURCES & MANUALS

WEB PAGES AND RESOURCES

- Arizona ACT Aspire Support Page
- PearsonAccess^{next} Production site
- Download TestNav
- TestNav System Requirements

QUESTIONS?

We're here to help!

BASE - ACT Aspire Technical Readiness Training

Pearson Client Services Center:

- Phone: 1.888.705.9421 Option 4 (ACT Aspire)
- Hours available: Mon-Fri 7:00 am - 7:00 pm (CST)
- Email: https://download.pearsonaccessnext.com/ref/WebToCase.html?p=ARIZONA