Technology Coordinator Training

Technology Setup and Readiness

September 10, 2021

LEARNING RENEWAL
Interim Assessments

Pearson

Agenda

1. What's New?
2. Components of Online Testing
3. Set Up: PearsonAccess^{next}
4. Questions and Discussion
5. Support

What's New?

Learning Renewal Interim Assessment Testing Windows

- **Interim 1:**
  10/04/21 - 10/29/21
- **Interim 2:**
  01/24/22 - 02/18/22
- **Interim 3:**
  05/02/22 - 05/27/22

New items for this testing season:

- App versions
- TestNav System requirements

New Apps – OS Updates

TestNav System Requirements

TestNav System Requirements

TestNav Apps – Requirements

When necessary for some tests, TestNav apps can run in **kiosk mode**, which prevents students from accessing any other web pages or applications while testing.

Devices/OS	Supported Versions	Download TestNav	Setup Instructions
Tablets, Chromebooks, Chromeboxes			
~~**Android**~~	~~11~~ *For info on Android, see* TestNav - Android App and Secure Testing	~~From Google Play~~	~~Set Up TestNav on Android~~
Chrome OS	91	From Chrome Web Store	Set Up TestNav on Chrome OS
iOS	13-14.x	From the App Store	Set Up TestNav on iOS

Laptops, Desktops			
Linux	• Fedora 33 x64 • Ubuntu 18.04 x64	From TestNav downloads	Set Up TestNav on Linux
macOS	• 10.14-11 (Intel Mac) • Apple silicon (ARM64)*	From TestNav downloads	Set Up TestNav on OS X, macOS
Windows	10 x64 - 20H2, 21H1	From TestNav downloads or Windows Store	Set Up TestNav on Windows

**only with TestNav 8.17 and above*

New Apps

Hardware Requirements

TestNav System Requirements

Requirement	Details
Processor	ARM, ARM64*
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
	  • Android, Windows (*required*)
	  • iOS (*recommended*)
	• Local File access to home directory
	  • OS X, macOS
	  • Windows
	• Wired keyboards (*recommended*)
	• Convertible Chromebooks - **no tablet mode**

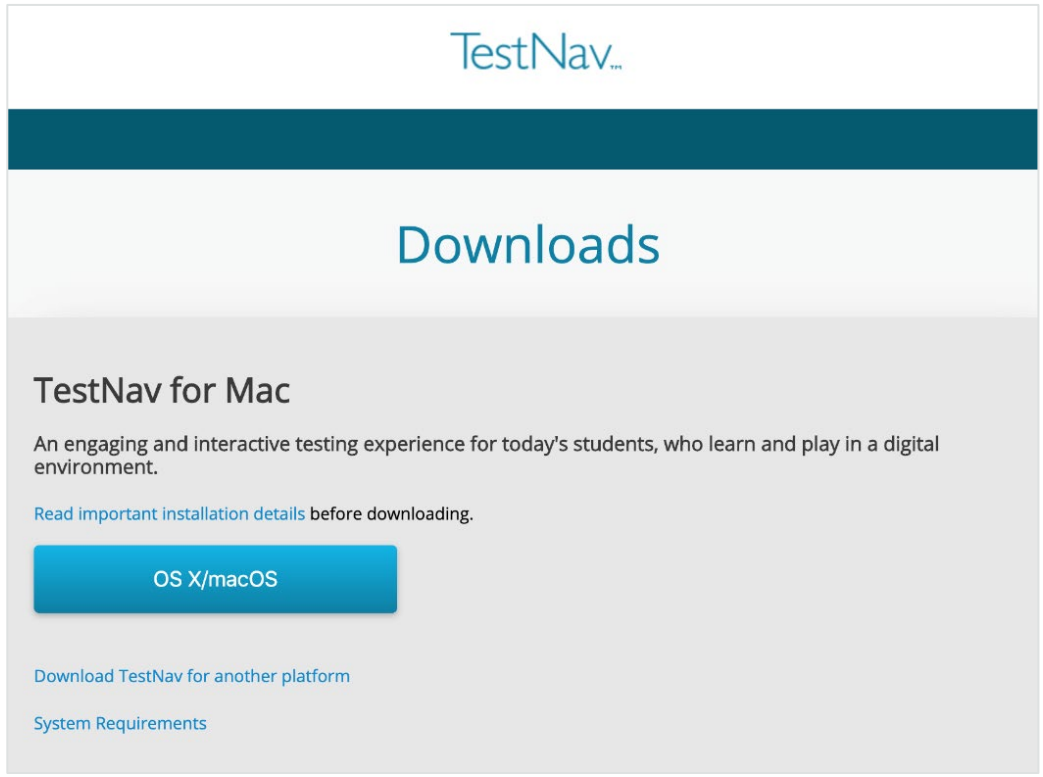
⚠ **Virtual Environments**

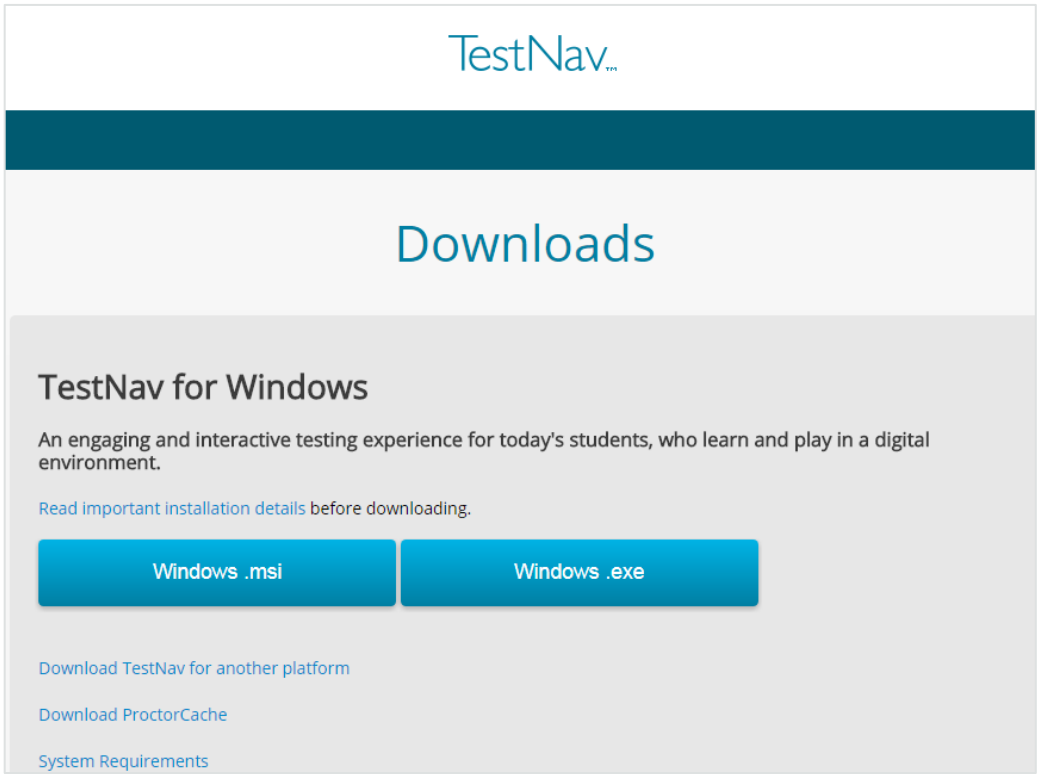
- **Some customers successfully use virtualization/thin clients; however, Pearson *does not provide support* for these technologies.**
- **Those using these technologies are responsible for their virtualized environment security and performance.**
- ***Prior to high-stakes testing,* customers should compare virtual environment performance to that of a non-virtual environment.**

TestNav 8 Download Page

TestNav 8 Download

Automatically detects Mac and Windows operating systems.





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Interim Assessments

Components of Online Testing

Pieces of the puzzle

- **TestNav 8**
- **PearsonAccess^{next}**

Online Testing Components

TestNav 8

- Delivers test content and allows student interaction
- Maintains and transmits student responses
- Early Warning System (EWS)
- App Check

PearsonAccess^{next}

- Administrative site
- Set up test sessions, manage live testing
- Some essential technology-specific functions

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Interim Assessments

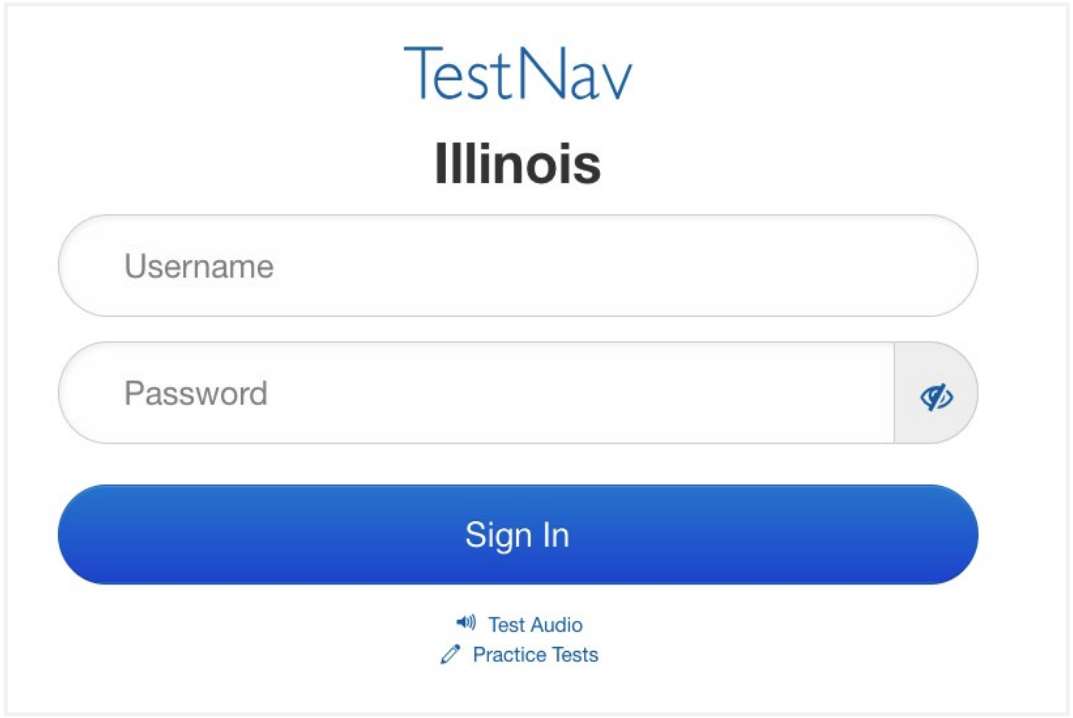
Test Nav8

TestNav 8

Overview

TestNav 8 is an installable test client that:

- Is supported on ChromeOS, MacOS, iOS, Linux and Windows devices
- Requires minimal setup and configuration
- Has built in tools such as:
  - App Check
  - Early Warning System (EWS)



TestNav 8

Delivery Methods

TestNav 8 is delivered through a device-specific application.

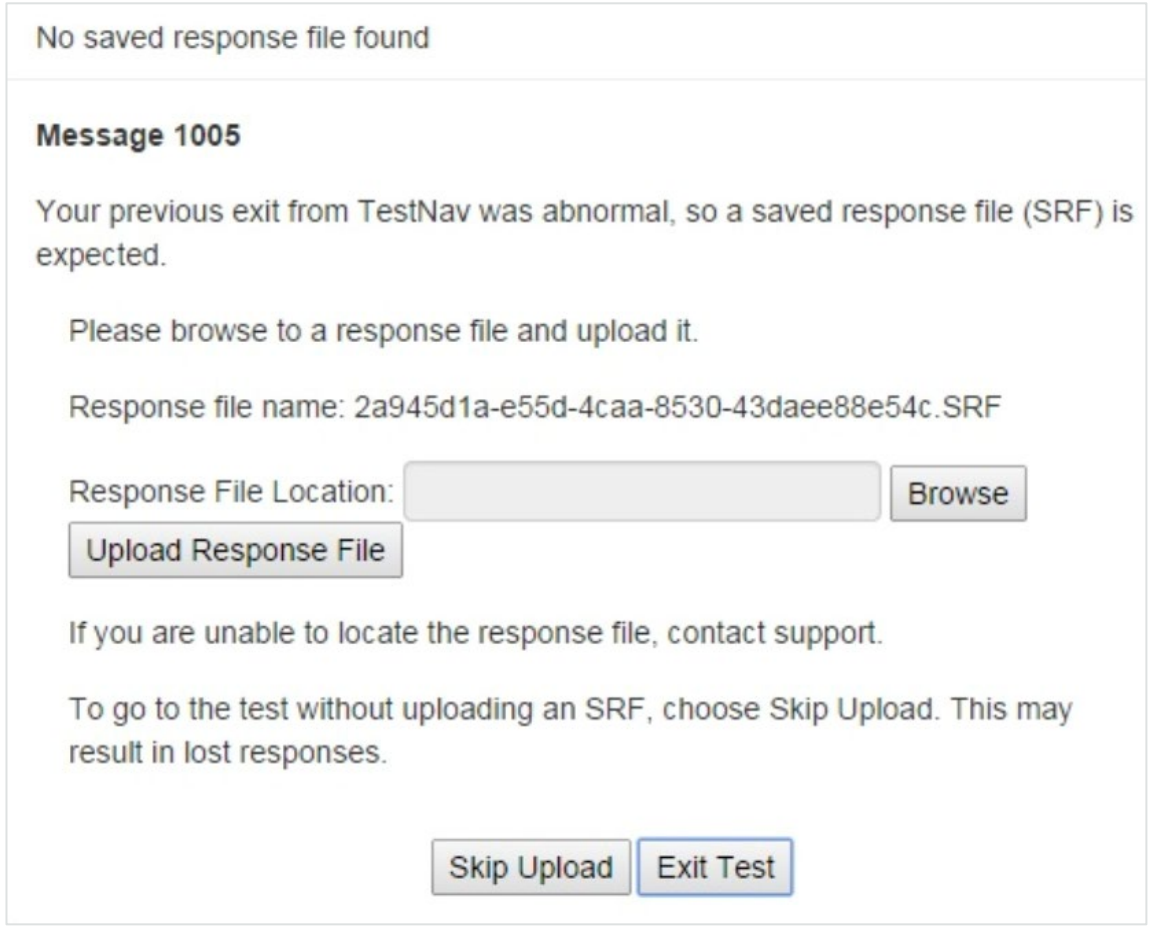
- Specific apps for each supported platform:
  - OS X, macOS
  - Windows
  - Linux
  - Chrome OS
  - iOS
  - Android
- Setup and configuration:
  - Device-specific setup steps
  - Install TestNav

Set up and Use TestNav

TestNav 8

The **Early Warning System (EWS)** is a background process built into TestNav that:

- Monitors background applications and connectivity.
- Manages test content delivery and upload of student responses.
- Monitors and enforces device test security.



NOTE: If an error is detected, a message will be displayed on the student workstation screen prohibiting the student from testing until the error is resolved. (If errors persist, please write down the number associated with the error and contact Customer Support for further assistance [e.g., 1005].)

TestNav 8

EWS – Error Codes

TestNav 8 - EWS Error Codes

If an EWS message is displayed, it will contain a specific error code and prevent the student from continuing their test until the error has been resolved.

- Complete error code documentation can be found on TestNav 8 Online Support - TestNav 8 - Pearson Assessment Support.
- A numeric error code is usually accompanied by a description of the error and potential resolution steps.

3005	TestNav has detected that another application attempted to become the active window, which may compromise the security of this test. TestNav has been shut down. You may need assistance from your test monitor to restart the test.	The student test session has been terminated. The test administrator must resume the student's test.

8029	The installed app is out of date and needs to be updated in order to use TestNav on this device.	Download and install the latest version of the app.

TestNav 8

EWS – Triggers

Even though there are many types of error codes, most of the potential causes can be traced back to a few main scenarios.

Connectivity:

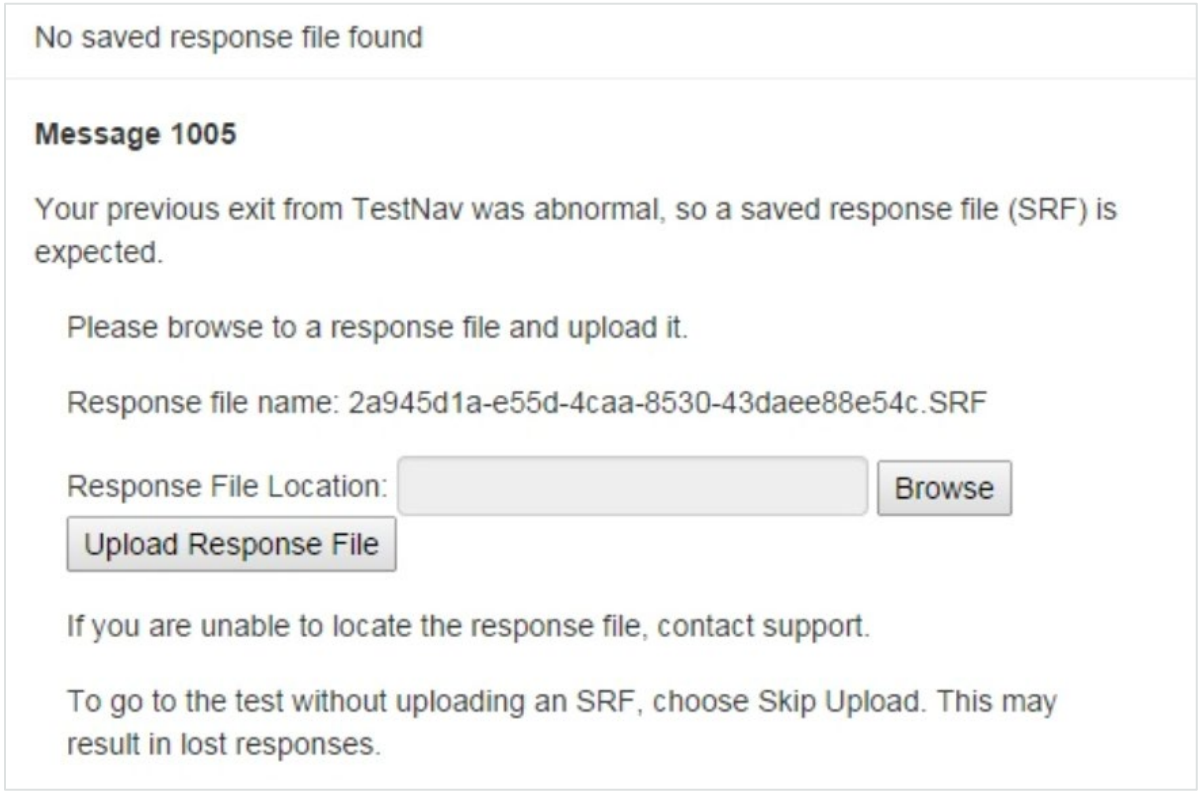
- Unable to retrieve content
- Unable to transmit responses

Saved Response File:

- Unable to write or read to SRF location

Potential Security Issues:

- Application/Notification launches while TestNav is in kiosk mode
- Running applications in the background



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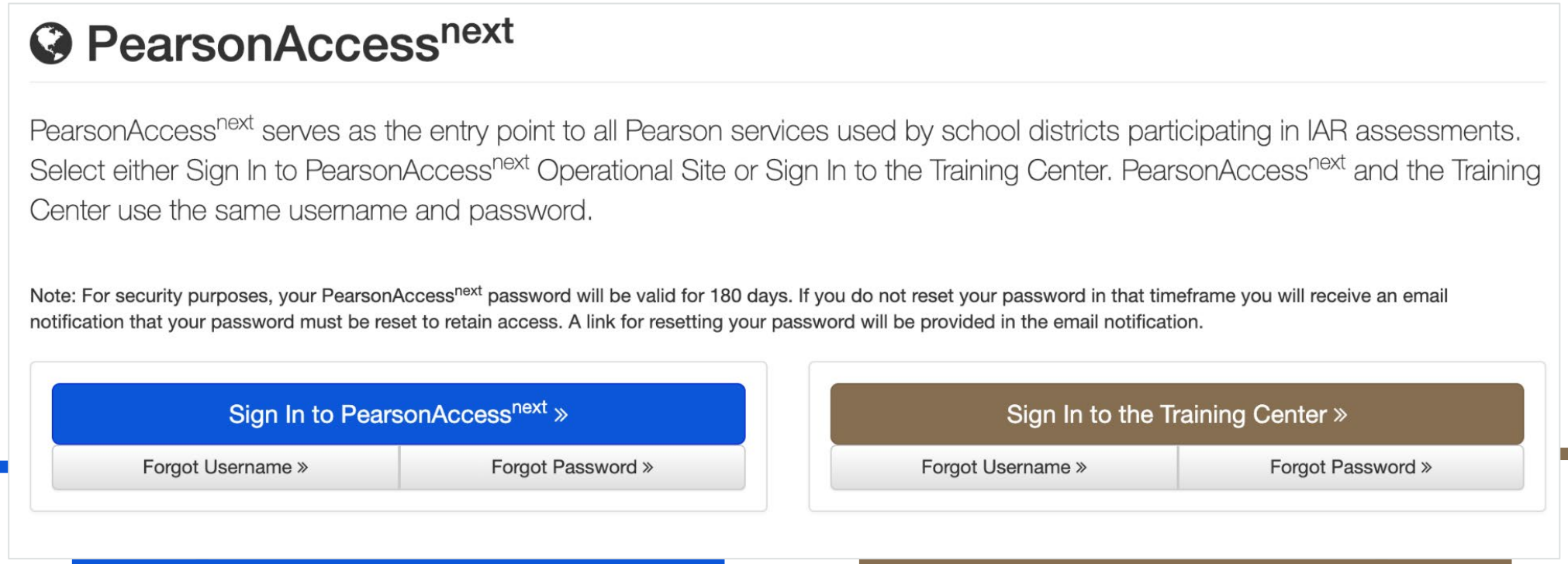
Interim Assessments

PearsonAccess^{next}

PearsonAccess^{next}

Overview



Blue site for Live test Administration

Brown site for Infrastructure trial Administration

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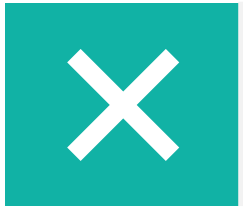
Interim Assessments

Set Up: PearsonAccess^{next}

TestNav configuration

Proctor Cache



Learning Renewal Interim Assessments do not support Proctor Cache.

- Proctor Cache for summative assessments are also no longer recommended

If your organization has not previously set up Proctor Cache machines, then no action is needed for Learning Renewal Interim Assessments.

If your organization does have a previous Proctor Cache machine configuration, the following options are recommended:

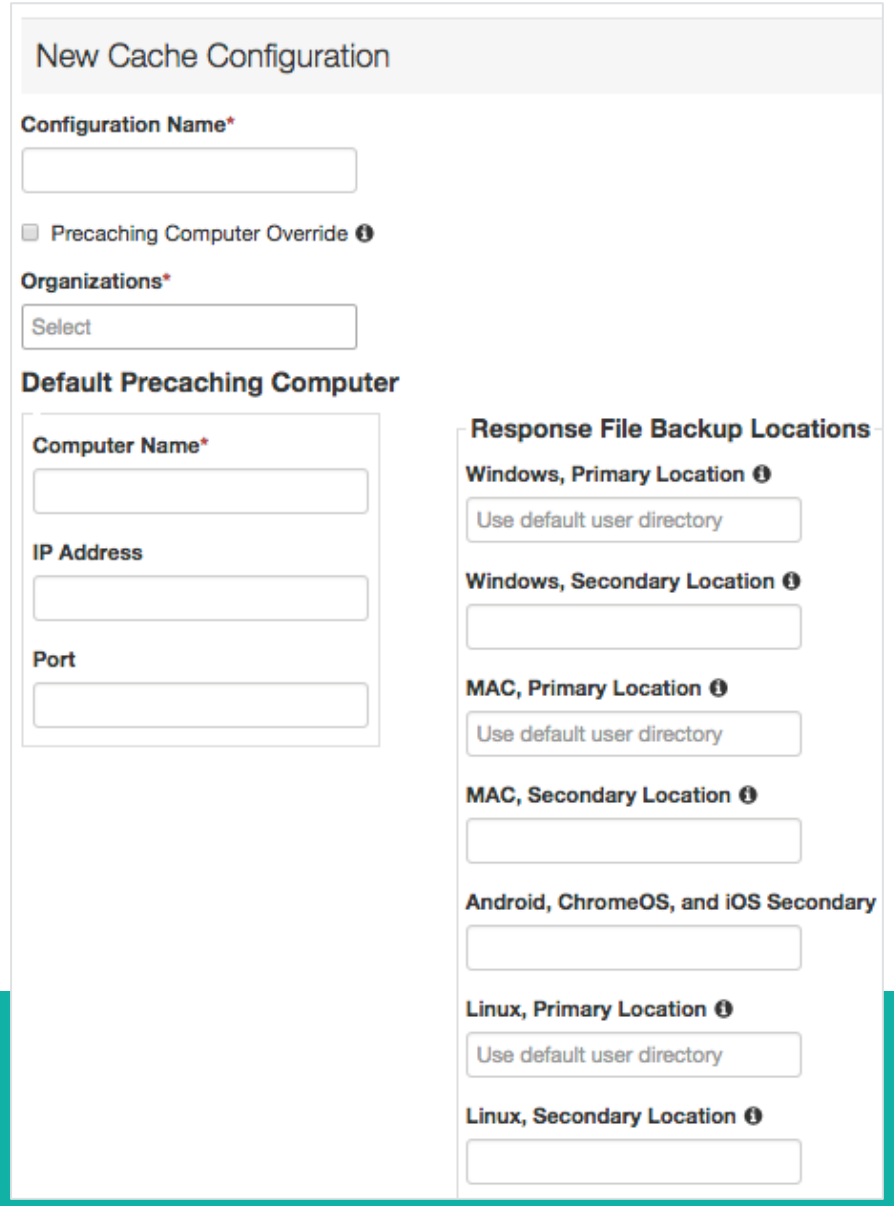
- Remove all configurations (this will carry forward to the summative assessments); or
- Set up a Proctor Cache configuration for “No Cache”

Technology Tasks

Technology staff will have the **Technology Coordinator** role in PearsonAccess^{next} and will be responsible for creating TestNav configurations, if needed.

TestNav configurations:

- Proctor Cache will NOT be used for Learning Renewal Interim Assessments
- List Save Response File (SRF) locations
- Should be created before test sessions are created



NOTE: Required fields are indicated with a red asterisk (*). These fields must be populated whether using caching or not.

TestNav Configuration

To create a TestNav configuration:

1. Enter a configuration name
2. Select the organization(s) that will use the configuration
3. Computer Name “No Cache”
4. Leave the IP Address and Port fields blank

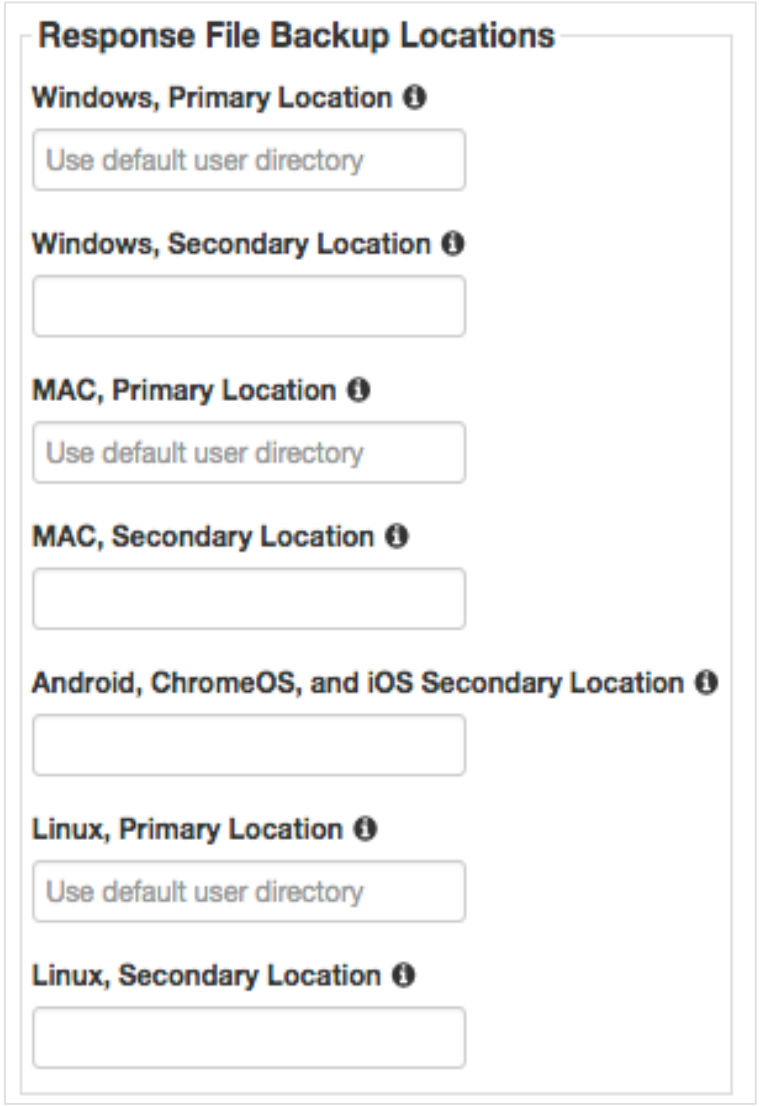
NOTE: We are not utilizing Precaching computers, but a computer name must be entered since it is a required field. Anything may be entered here, however leave the IP address and Port blank.

TestNav Configuration

Save Locations

Set Save Response File (SRF) locations:

- Define different locations by test device
- Define the primary SRF location for Windows, Mac, and Linux



TestNav Configuration

Customizing Save Locations

If using an SFTP server, ensure:

- ✓ The device is turned on, and SFTP services are running.
- ✓ That the syntax inside of PearsonAccess^{next} is correct.
  (sftp://<userid>:<password>@<address>:<port>/<path>)
- ✓ That neither the userid or password contain the @ symbol. This will invalidate the syntax.
  (sftp://fileuser123:pa$$w0rd!@192.168.10.12:22/srf)
- ✓ Ensure that the device and SFTP server used for the secondary save location is on during testing.

If you set a network file server, do not use:

- × Spaces in the save location path.
- × A location that requires authentication.
  (*If authentication is required, TestNav cannot access the shared location.)*
- × A Windows UNC (Uniform Naming Convention) or network path, such as:
  \\ComputerName\SharedFolder\Resource on a Mac or Linux.

Pearson recommends specifying a mapped drive location, such as:
D:\TopDirectory\NextDirectory\SaveLocation

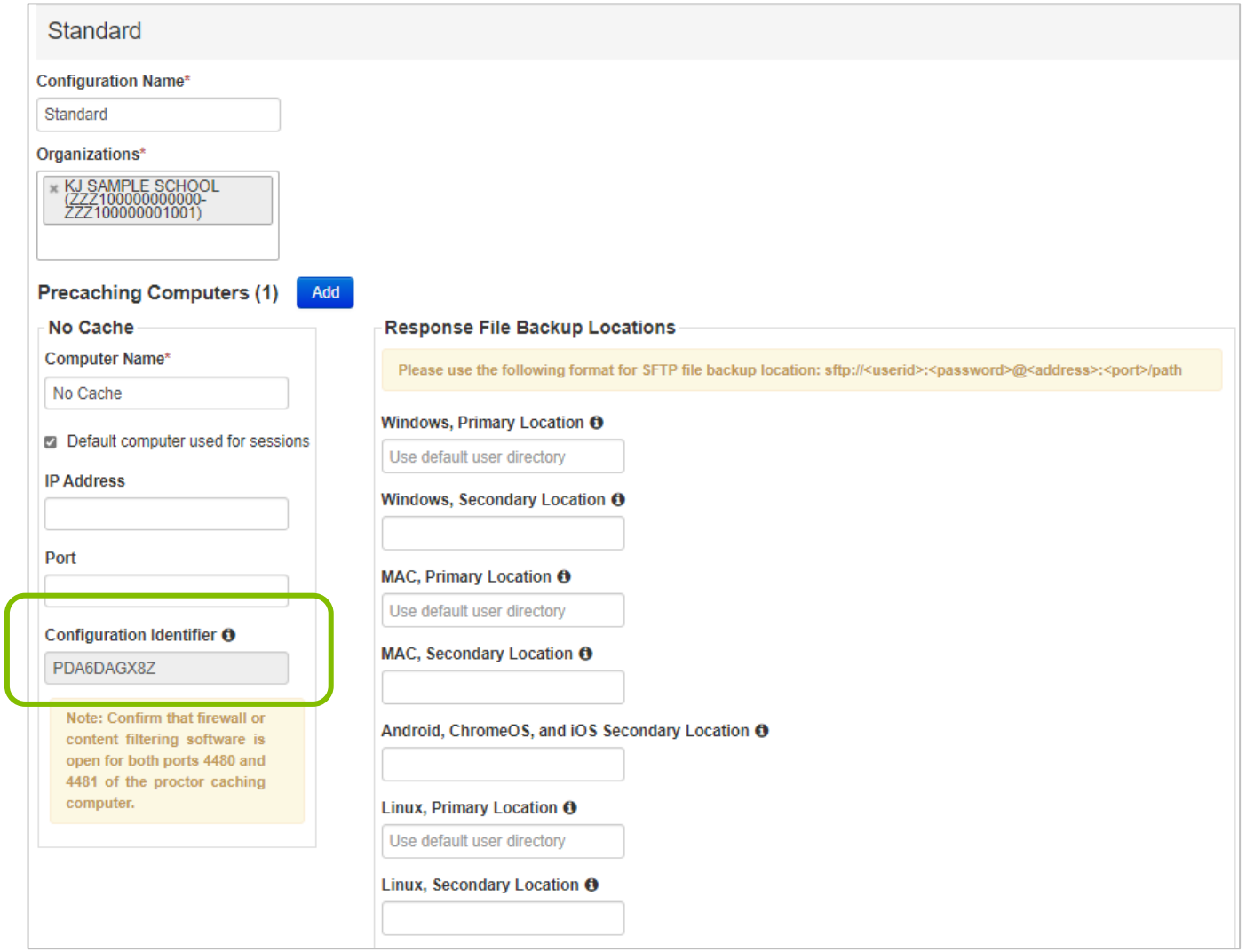
TestNav Configuration

Configuration Identifier

A unique configuration identifier is created once a configuration is saved.

Use a configuration identifier along with App Check to:

- Verify successful access to SRF locations.



TestNav Configuration

Secondary Save Location

- A secondary save location is no longer needed.
- If the secondary save location is desired, please set up time with the Pearson Field Engineer staff.

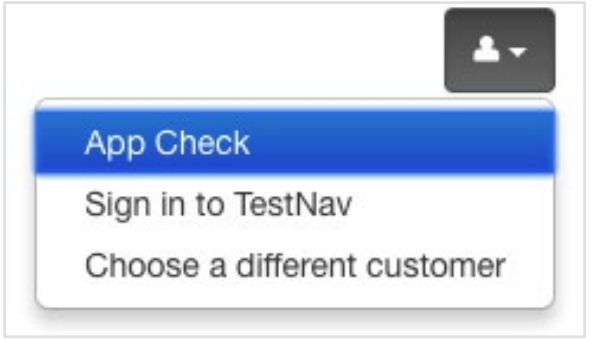
Schedule your Technology Office Hours:

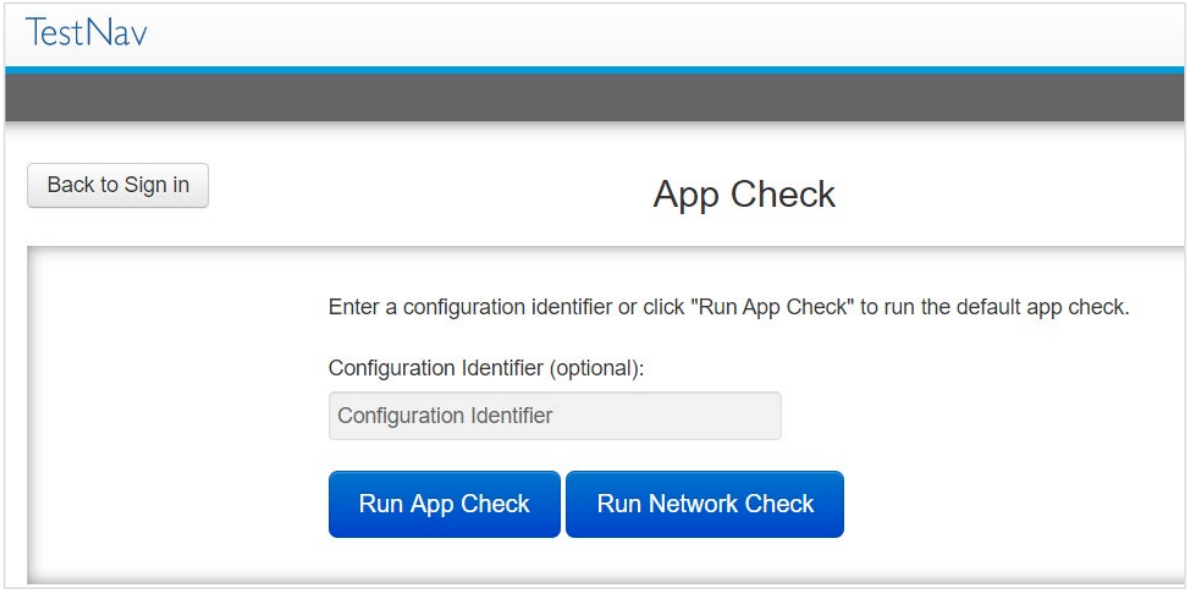
IL Pearson Support

IL Field Services Engineer Calendar

App Check

- App Check is built into TestNav.
- No additional installation or configuration required.
- It is accessed from the TestNav 8 app menu.
- App Check can be completed in around 10 seconds.

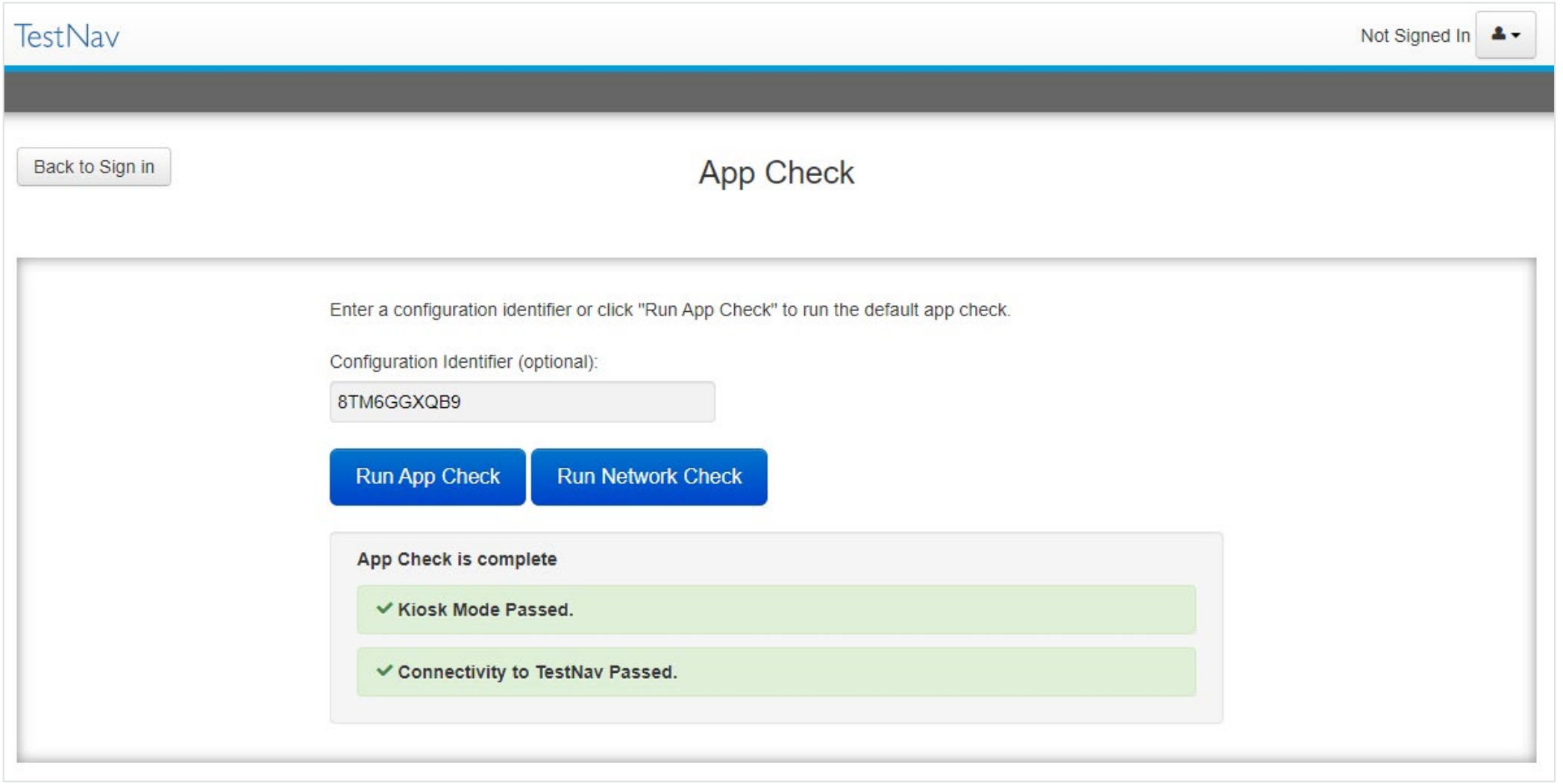




NOTE: A **configuration identifier** will only generate within PearsonAccess^{next} once a TestNav configuration is created. Adding a configuration identifier from the TestNav configuration to App Check will ensure you've successfully configured your Save Locations.

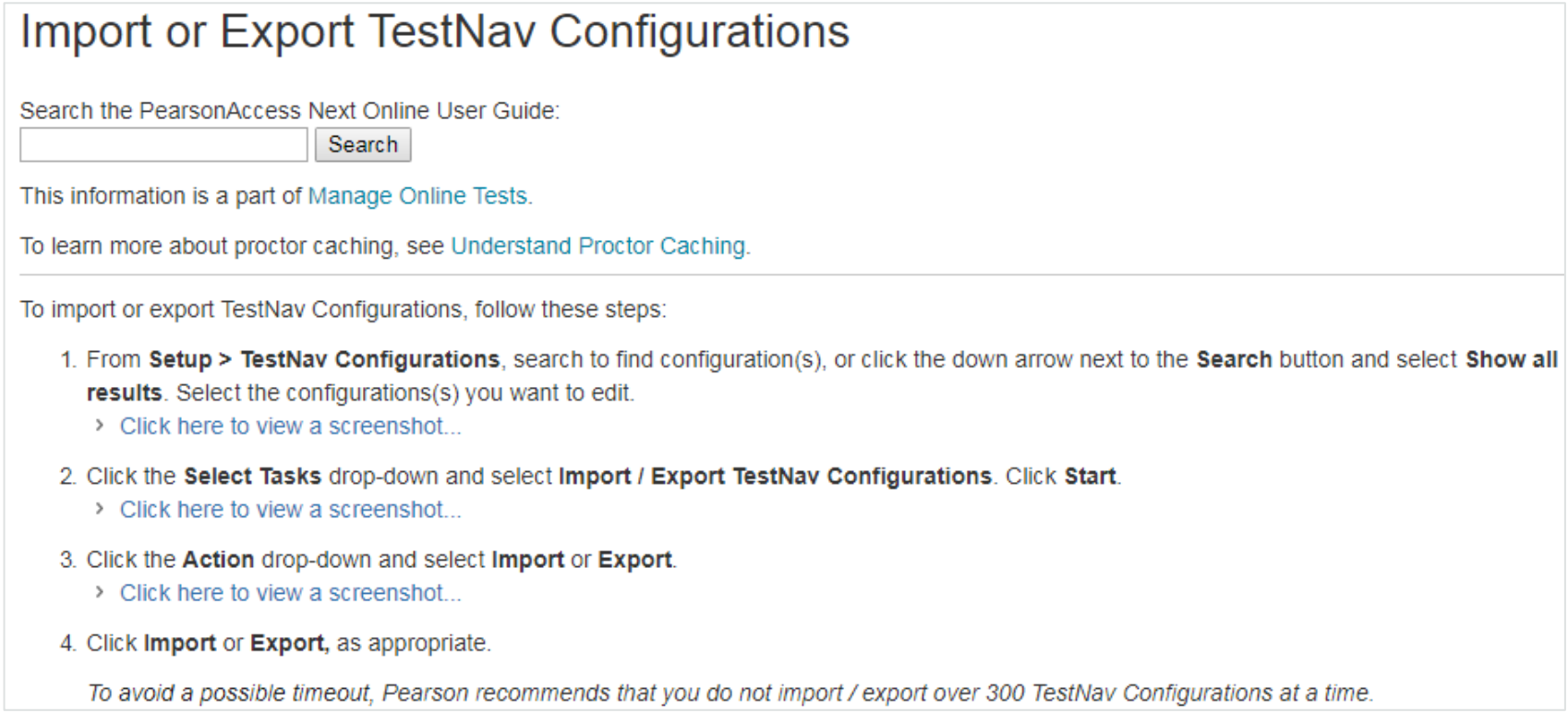
TestNav Configuration

Configuration Identifier and App Check Working Together



Import TestNav Configurations

If you created configurations in a previous testing administration, they will carry over (e.g., IAR Spring 2021 configurations).



Import or Export TestNav Configurations

Search the PearsonAccess Next Online User Guide:

Search

This information is a part of Manage Online Tests.

To learn more about proctor caching, see Understand Proctor Caching.

To import or export TestNav Configurations, follow these steps:

1. From **Setup > TestNav Configurations**, search to find configuration(s), or click the down arrow next to the **Search** button and select **Show all results**. Select the configurations(s) you want to edit.
   - Click here to view a screenshot...
2. Click the **Select Tasks** drop-down and select **Import / Export TestNav Configurations**. Click **Start**.
   - Click here to view a screenshot...
3. Click the **Action** drop-down and select **Import** or **Export**.
   - Click here to view a screenshot...
4. Click **Import** or **Export,** as appropriate.

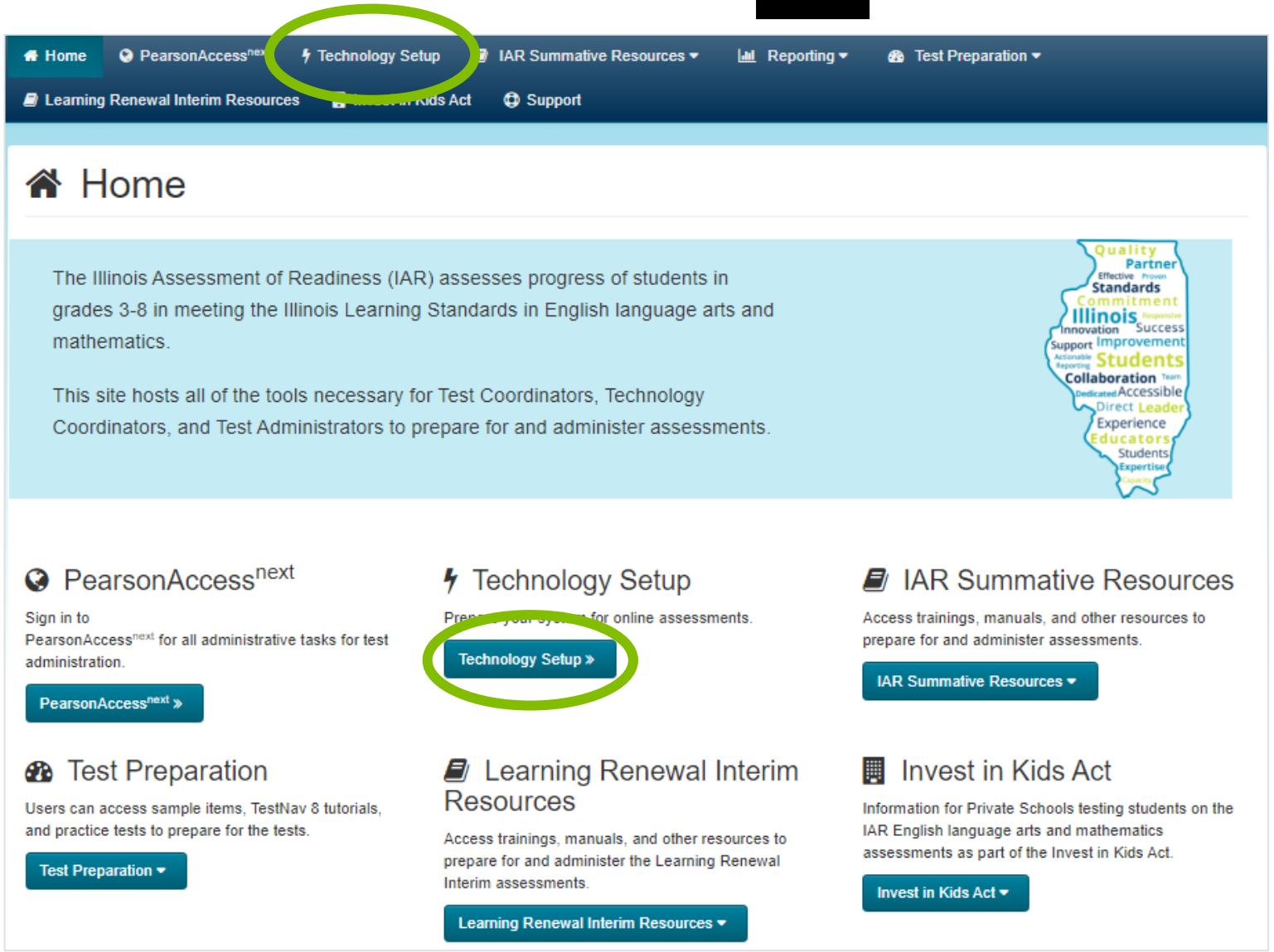
   To avoid a possible timeout, Pearson recommends that you do not import / export over 300 TestNav Configurations at a time.

Resources

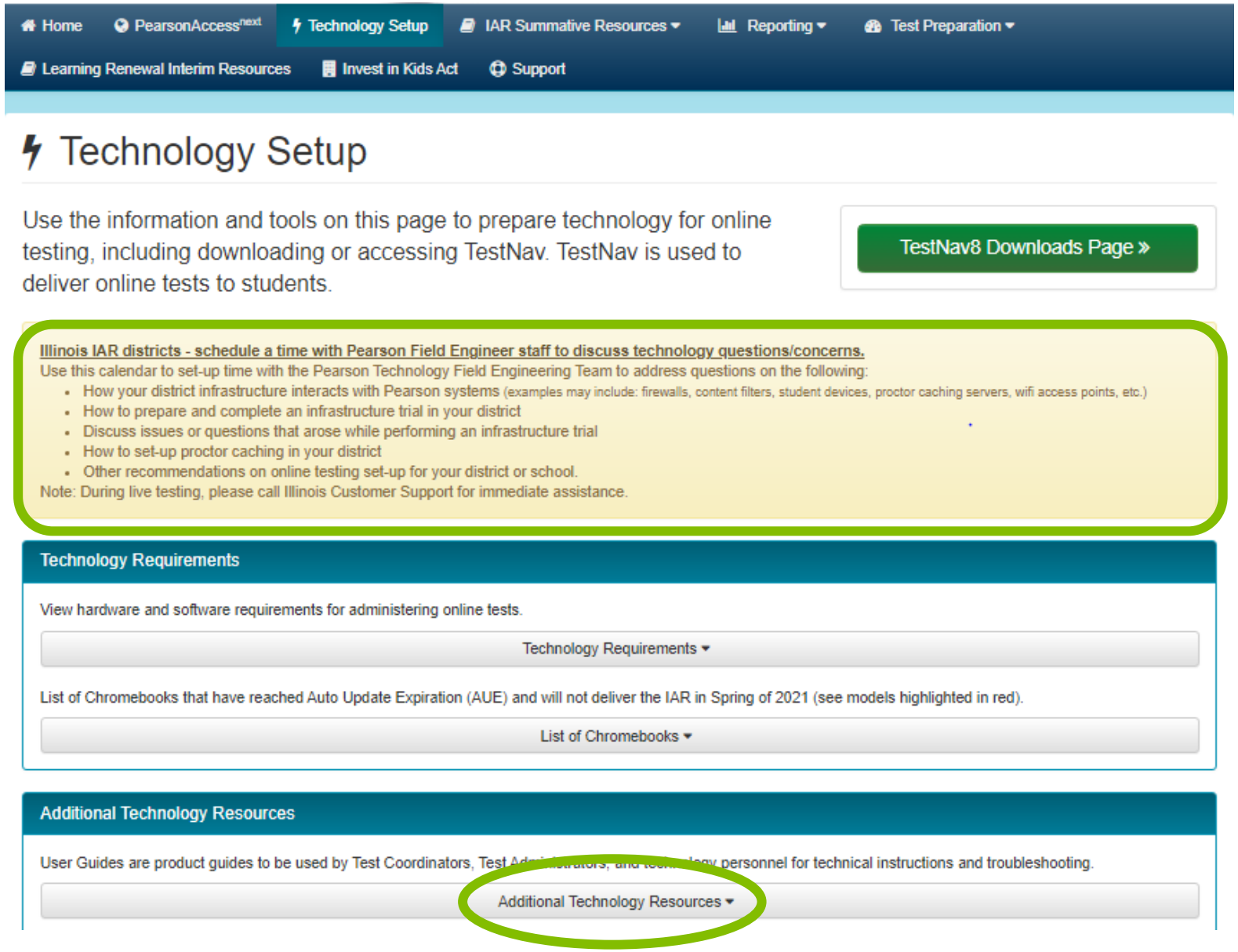
IL Support Page

Pearson Support Site

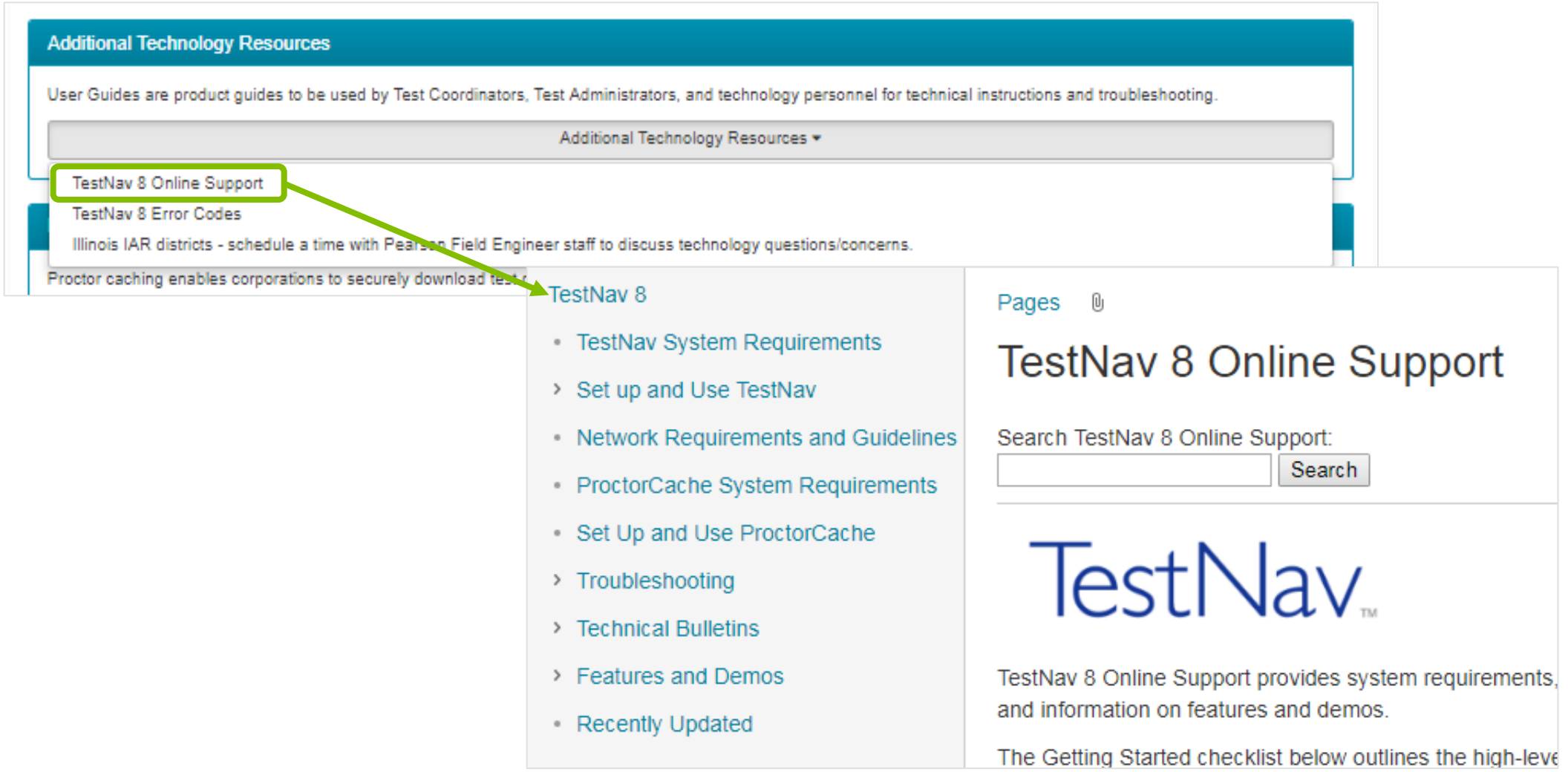
IL Pearson Support Site



Technology Page



TestNav 8 Online Support Page



TestNav 8 Online Support Page (cont.)

The **TestNav 8 Support** page is regularly updated to reflect the most current system requirements, setup steps, network requirements and guidelines, troubleshooting information, and more.

- Make use of the “Recently Updated” section toward the bottom of the menu on the left.

Support

Multiple Support Options

- Technology office hours
- Pearson help desk

Technology Office Hours

Pearson Field Engineer staff are available to discuss technology questions/concerns specific to your district and/or school at a time convenient to you.

To schedule an appointment, go to the Illinois Field Services Engineering Calendar.

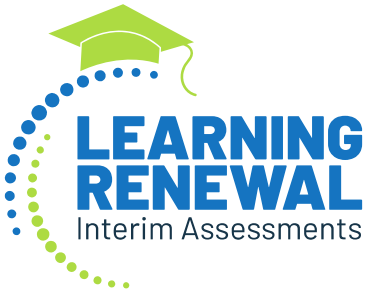
Schedule your Technology Office Hours:

IL Pearson Support

IL Field Services Engineer Calendar

ISBE

Pearson Contacts Information



ISBE Assessment & Accountability

866-317-6034

assessment@isbe.net

www.isbe.net/Pages/Assessment.aspx

Pearson Customer Support

833-213-3879

https://il.mypearsonsupport.com

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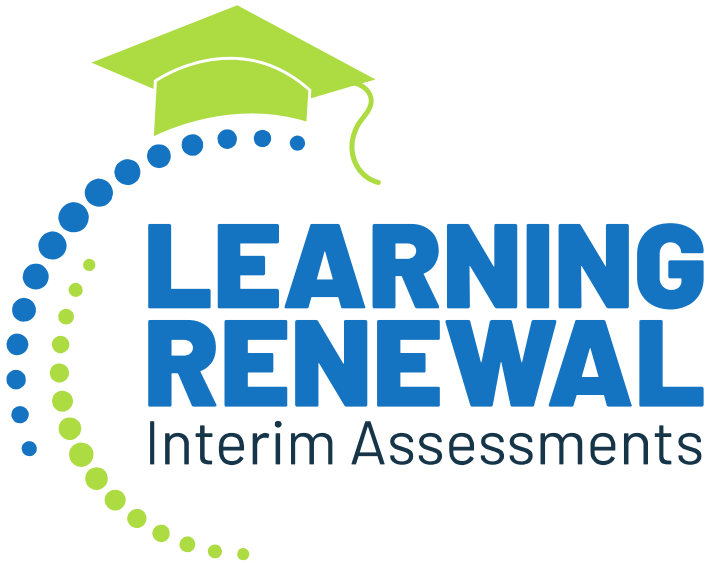
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