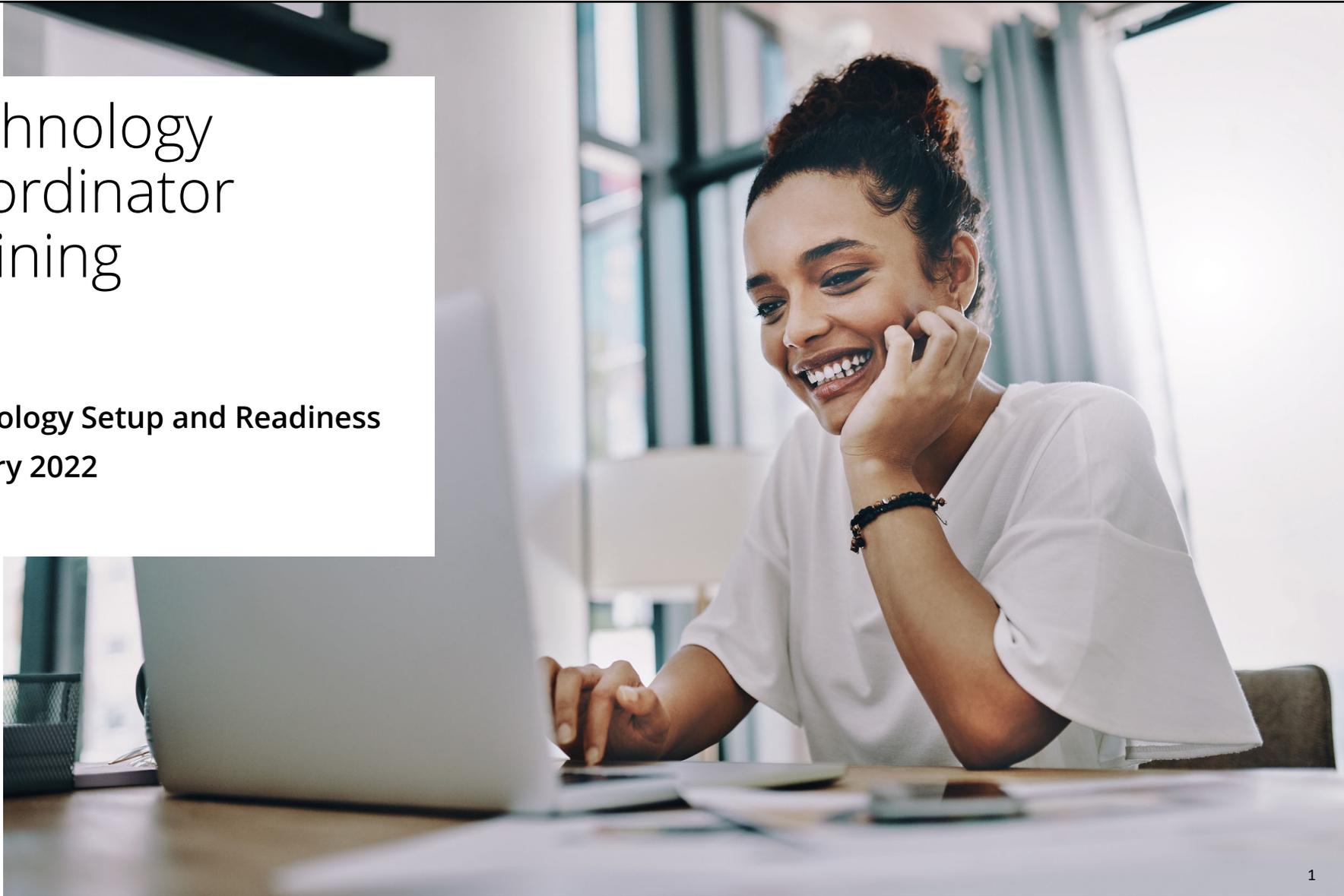
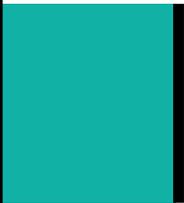


Technology Coordinator Training

Technology Setup and Readiness
January 2022





Agenda



What's New



Components of Online Testing



Infrastructure Trial



Setup: PearsonAccess^{next}



Questions and Discussion



Support



Pearson

What's New?

New items for this testing season:

- App versions
- TestNav System requirements

Assessment Testing Windows:

- **Paper Based Testing:**
3/7/22 - 4/8/22
- **Computer Based Testing:**
3/7/22 - 4/22/22

New Apps – OS Updates

TestNav System Requirements

[Technology Setup Site](#)



Dropping Support

OS	Versions
macOS	10.13
iOS	12
Chrome	83-90
Windows	<ul style="list-style-type: none">• 7• 8, 8.1• 10 versions 1903 and older• 32-bit versions
Linux	Fedora 28
Android	9.x

Adding Support

OS	Versions
Chrome	91
macOS	Apple silicon (ARM64)
Windows 10	X64 – 1909, 20H2, 21H1
Linux	Fedora 33
Android*	11

New Apps

Hardware Requirements

TestNav System Requirements	
RAM Requirement	<ul style="list-style-type: none"> No changes
MacOS, OS X, Windows	<ul style="list-style-type: none"> Minimum RAM – 2 GB Recommended RAM – 4 GB
iOS	<ul style="list-style-type: none"> Minimum RAM – 1 GB Recommended RAM – 2 GB
Chrome OS and Linux	<ul style="list-style-type: none"> No updated RAM requirements

Requirement	Details
Processor	X86/x32 and x64 or Intel-based™
Memory	4GB RAM; minimum – 2 GB RAM <ul style="list-style-type: none"> <i>Linux and iOS – 2 GB RAM; minimum – 1 GB RAM</i>
Screen Size	9.5-in
Resolution	1,024 x 768
Other	<ul style="list-style-type: none"> External keyboard and mouse (or touchpad) for touchscreen devices <ul style="list-style-type: none"> Android, Windows (<i>required</i>) iOS (<i>recommended</i>) Local File access to home directory <ul style="list-style-type: none"> OS X, macOS Windows Wired keyboards (<i>recommended</i>) Convertible Chromebooks – no tablet mode

Specifications	Windows
Processor	X86/x32 and x64; <i>minimum 2 GHz</i>
Memory	Recommended: 4 GB RAM; minimum 2 GB RAM

TestNav 8 Download Page

[TestNav Downloads](#)



- Automatically detects Mac and Windows operating systems.
- Houses new installation files for TestNav.

The screenshot shows the 'TestNav Downloads' page for Mac. At the top, the 'TestNav...' logo is visible. Below it is a dark teal header bar, followed by the word 'Downloads' in a large, teal font. The main content area is light gray and features the heading 'TestNav for Mac'. Below this heading is a short paragraph: 'An engaging and interactive testing experience for today's students, who learn and play in a digital environment.' This is followed by a link: 'Read important installation details before downloading.' A prominent blue button with the text 'OS X/macOS' is centered below the text. At the bottom of the content area, there are three smaller links: 'Download TestNav for another platform', 'System Requirements', and 'System Requirements'.

The screenshot shows the 'TestNav Downloads' page for Windows. It has the same layout as the Mac version, with the 'TestNav...' logo, a dark teal header bar, and the word 'Downloads' in a large, teal font. The main content area is light gray and features the heading 'TestNav for Windows'. Below this heading is a short paragraph: 'An engaging and interactive testing experience for today's students, who learn and play in a digital environment.' This is followed by a link: 'Read important installation details before downloading.' Two prominent blue buttons are centered below the text: 'Windows .msi' and 'Windows .exe'. At the bottom of the content area, there are three smaller links: 'Download TestNav for another platform', 'Download ProctorCache', and 'System Requirements'.



Components of Online Testing

Pieces of the puzzle:

- TestNav 8
- Infrastructure Trial and the Training Center
- PearsonAccess^{next}



Online Testing Components

TestNav 8

- Delivers test content and allows student interaction
- Maintains and transmits student responses

Infrastructure Trial

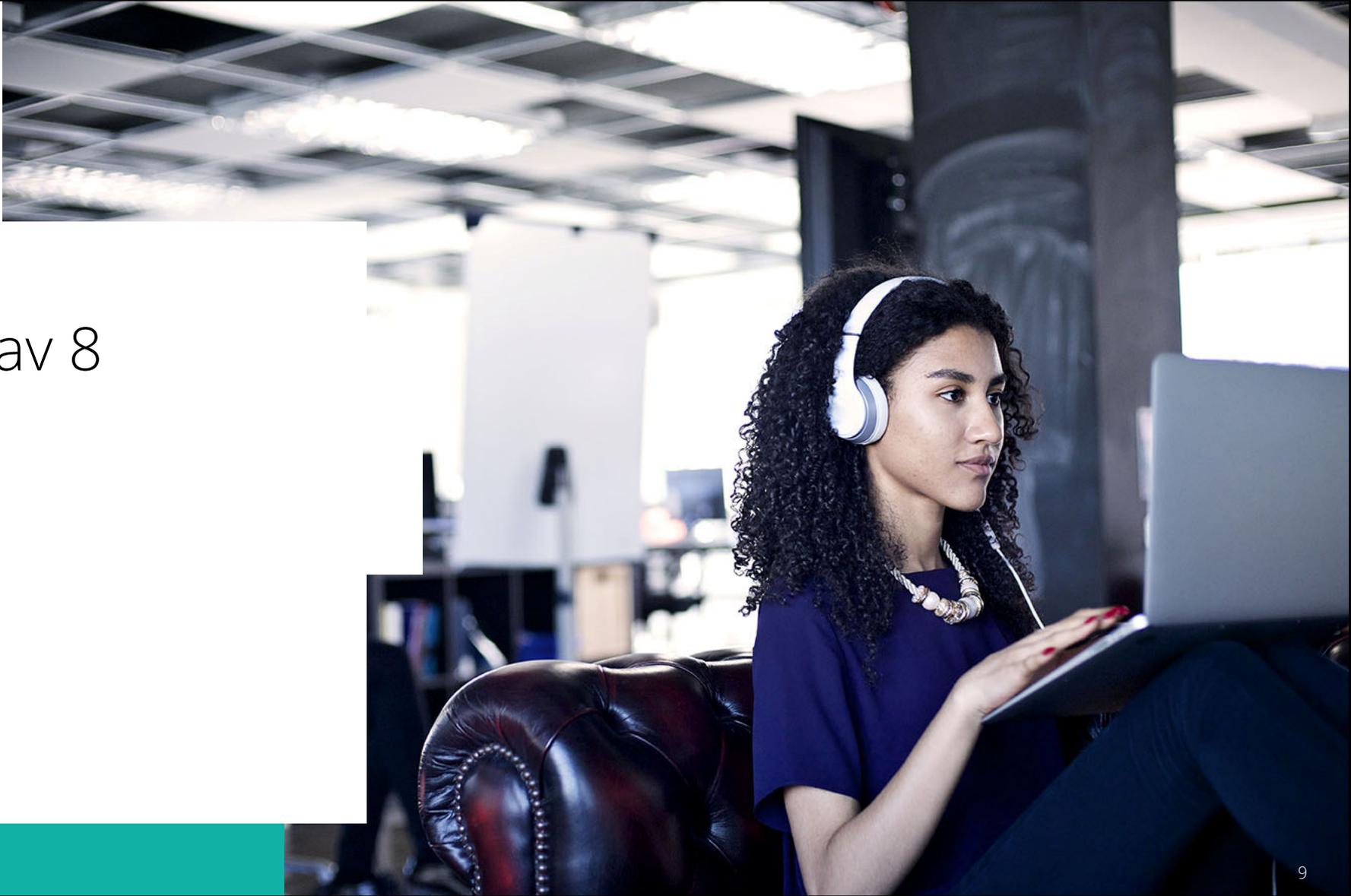
- Tests system for online testing
- Full trial if new to online testing
- Sample trial if have tested online before

PearsonAccess^{next}

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



TestNav 8

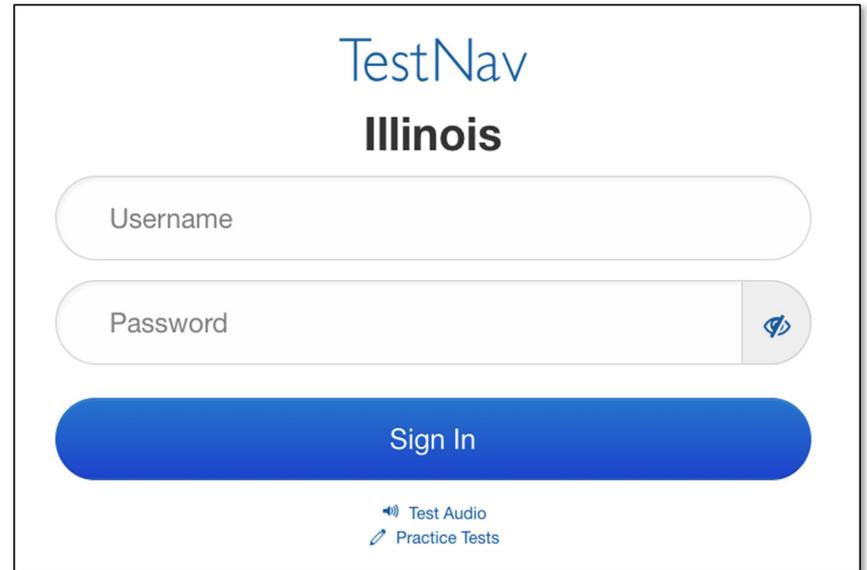


TestNav 8

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
 - Connectivity/Save Warning system



The screenshot shows the TestNav Illinois login interface. At the top, the text "TestNav" is in blue and "Illinois" is in bold black. Below this are two input fields: "Username" and "Password". The "Password" field has a toggle icon on the right. A large blue "Sign In" button is centered below the fields. At the bottom, there are two links: "Test Audio" with a speaker icon and "Practice Tests" with a pencil icon.

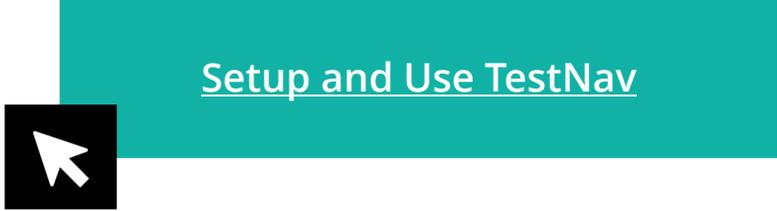
TestNav 8

Delivery Methods

- **TestNav 8** is delivered through a device specific application.
- There are specific apps for each supported platform:
 - [OS X, macOS](#)
 - [Windows](#)
 - [Linux](#)
 - [Chrome OS](#)
 - [iOS](#)
- Setup and configuration:
 - Device specific setup steps
 - Install TestNav
 - Configure network infrastructure



TestNav



[Setup and Use TestNav](#)

TestNav 8

Connectivity/Save Warning – Overview

The Connectivity/Save Warning system 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.

No saved response file found

Message 1005

Your previous exit from TestNav was abnormal, so a saved response file (SRF) is expected.

Please browse to a response file and upload it.

Response file name: 2a945d1a-e55d-4caa-8530-43daee88e54c.SRF

Response File Location:

If you are unable to locate the response file, contact support.

To go to the test without uploading an SRF, choose Skip Upload. This may result in lost responses.



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 the errors persist, please write down the number associated with the error and contact Customer Support for further assistance. Ex. 1005)

TestNav 8

Connectivity/Save Warning – Error Codes

[TestNav 8 Online Support](#)



- If a Connectivity/Save Warning 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 – Error Codes](#).
- 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

Warning 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

No saved response file found

Message 1005

Your previous exit from TestNav was abnormal, so a saved response file (SRF) is expected.

Please browse to a response file and upload it.

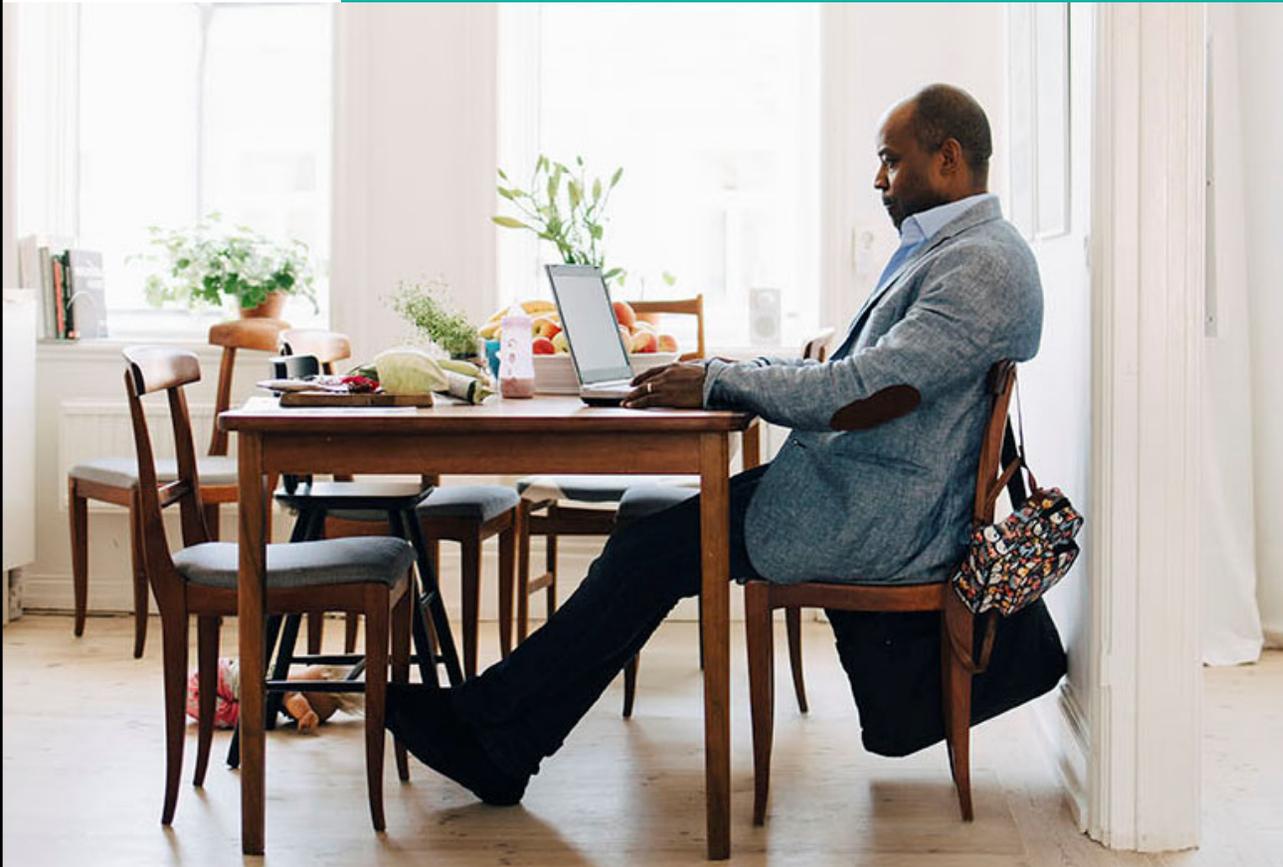
Response file name: 2a945d1a-e55d-4caa-8530-43daee88e54c.SRF

Response File Location:

If you are unable to locate the response file, contact support.

To go to the test without uploading an SRF, choose Skip Upload. This may result in lost responses.

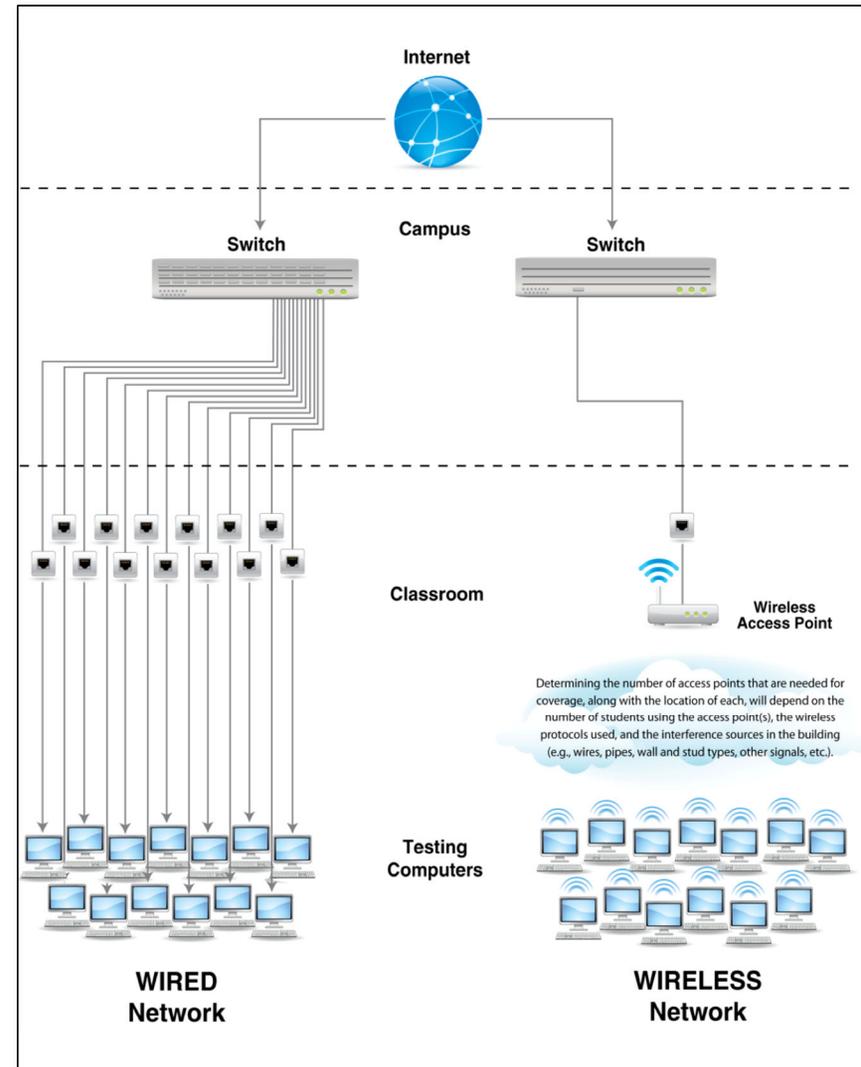
Infrastructure Trial



Infrastructure Trial

Test your setup

Why do it?



Infrastructure Trial

Why do it?

An **Infrastructure Trial** is a test run of your online testing. It does not use real student information and is completed in the brown PearsonAccess^{next} Training site.

This is a low-stakes, trial run/practice test for confirmation that:

- TestNav is configured correctly.
- Devices can successfully run TestNav.
- The network has been properly configured.
- Students are familiar with the computer-based tools and format.
- Test Administrators understand the controls and how to deliver the test.

[Infrastructure Trial Readiness Guide](#)





Set Up: PearsonAccess^{next}

TestNav Configuration



PearsonAccess^{next}

Overview

PearsonAccess^{next}

PearsonAccess^{next} serves as the entry point to all Pearson services used by school districts participating in IAR assessments. Select either Sign In to PearsonAccess^{next} Operational Site or Sign In to the Training Center. PearsonAccess^{next} and the Training Center use the same username and password.

Note: For security purposes, your PearsonAccess^{next} password will be valid for 180 days. If you do not reset your password in that timeframe you will receive an email notification that your password must be reset to retain access. A link for resetting your password will be provided in the email notification.

[Sign In to PearsonAccess^{next} »](#)

[Forgot Username »](#)

[Forgot Password »](#)

[Sign In to the Training Center »](#)

[Forgot Username »](#)

[Forgot Password »](#)

Blue site for Live test Administration.

Brown site for Infrastructure trial Administration.

Proctor Cache



Proctor Cache for summative assessments is no longer recommended.



If your organization has not previously set up Proctor Cache machines, then no action is needed.



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

- Remove all configurations; or
- Set up a Proctor Cache configuration.

Technology Tasks

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

TestNav configurations:

- List Primary Save Response File (SRF) location.
- Should be created before test sessions are created.

New Cache Configuration

Configuration Name*

Precaching Computer Override ⓘ

Organizations*

Default Precaching Computer

Computer Name*

IP Address

Port

Response File Backup Locations

Windows, Primary Location ⓘ

Windows, Secondary Location ⓘ

MAC, Primary Location ⓘ

MAC, Secondary Location ⓘ

Android, ChromeOS, and iOS Secondary

Linux, Primary Location ⓘ

Linux, Secondary Location ⓘ



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. Enter a Computer Name
4. Leave the IP Address and Port fields blank

Configuration Name*

Precaching Computer Override ⓘ

Organizations*

Default Precaching Computer

Computer Name*

IP Address

Port

Note: Confirm that firewall or content filtering software is open for both ports 4480 and 4481 of the proctor caching computer.



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 fields 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

Response File Backup Locations

Windows, Primary Location ⓘ

Windows, Secondary Location ⓘ

MAC, Primary Location ⓘ

MAC, Secondary Location ⓘ

Android, ChromeOS, and iOS Secondary Location ⓘ

Linux, Primary Location ⓘ

Linux, Secondary Location ⓘ

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 user id 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 c or Linux.



Pearson recommends that you specify 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.

The screenshot displays the TestNav configuration interface. On the left, the 'Precaching Computers (1)' section is visible, featuring a blue 'Add' button. Below the header, the configuration for a computer named 'JeremyD' is shown. The 'Computer Name*' field contains 'JeremyD'. A checkbox labeled 'Default computer used for sessions' is checked. The 'IP Address' field contains '192.168.1.55' and the 'Port' field contains '4480'. The 'Configuration Identifier' field, which contains the alphanumeric string '9DPTD3P7DK', is highlighted with a green rectangular border. On the right, the 'Response File Backup Locations' section is visible, containing several input fields for different operating systems and platforms, such as 'Windows, Primary Location', 'Windows, Secondary Location', 'MAC, Primary Location', 'MAC, Secondary Location', 'Android, ChromeOS, and iOS Secondary Location', 'Linux, Primary Location', and 'Linux, Secondary Location'. Each field contains a default value or a specific path, such as 'Use default user directory' or 'S:\JER\Users\jer\Desktop\srf\'. The 'Android, ChromeOS, and iOS Secondary Location' field contains the path 'sftp://tester:password@192.168.'.

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:



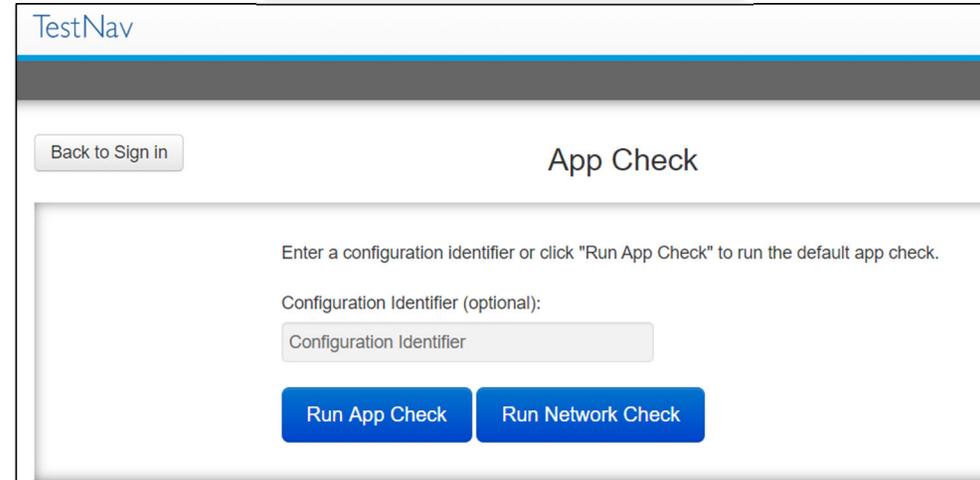
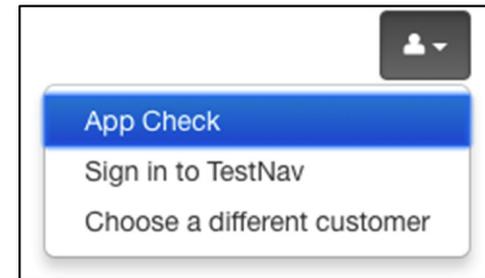
[Support Page](#)



[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

The screenshot displays the TestNav web interface. At the top left, the 'TestNav' logo is visible. At the top right, the text 'Not Signed In' is displayed next to a user icon. Below the header, there is a 'Back to Sign in' button on the left and the title 'App Check' in the center. The main content area contains the following elements:

- Instructional text: "Enter a configuration identifier or click 'Run App Check' to run the default app check."
- Label: "Configuration Identifier (optional):"
- Input field: A text box containing the identifier "8TM6GGXQB9".
- Buttons: Two blue buttons labeled "Run App Check" and "Run Network Check".
- Success message: A grey box titled "App Check is complete" containing two green bars with checkmarks and text: "✓ Kiosk Mode Passed." and "✓ Connectivity to TestNav Passed."

Import TestNav Configurations

- TestNav configurations created in the **brown** Training site can be imported into the **blue** Live PearsonAccess^{next} site.
- Any configurations you created in a previous testing administration will carry over (e.g., IAR Spring 2021 configurations).

Import or Export TestNav Configurations

Search the PearsonAccess Next Online User Guide:

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 configuration(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

Support Page



[Home](#) [PearsonAccess^{next}](#) [Technology Setup](#) [IAR Summative Resources](#) [Reporting](#) [Test Preparation](#)

[Learning Renewal Interim Resources](#) [Invest in Kids Act](#) [Support](#)

Home

The Illinois Assessment of Readiness (IAR) assesses progress of students in grades 3-8 in meeting the Illinois Learning Standards in English language arts and mathematics.

This site hosts all of the tools necessary for Test Coordinators, Technology Coordinators, and Test Administrators to prepare for and administer assessments.

PearsonAccess^{next}
Sign in to PearsonAccess^{next} for all administrative tasks for test administration.
[PearsonAccess^{next}](#)

Technology Setup
Prepare your system for online assessments.
[Technology Setup](#)

IAR Summative Resources
Access trainings, manuals, and other resources to prepare for and administer assessments.
[IAR Summative Resources](#)

Test Preparation
Users can access sample items, TestNav 8 tutorials, and practice tests to prepare for the tests.
[Test Preparation](#)

Learning Renewal Interim Resources
Access trainings, manuals, and other resources to prepare for and administer the Learning Renewal Interim assessments.
[Learning Renewal Interim Resources](#)

Invest in Kids Act
Information for Private Schools testing students on the IAR English language arts and mathematics assessments as part of the Invest in Kids Act.
[Invest in Kids Act](#)

Technology Page

The screenshot shows the 'Technology Setup' page with a dark blue navigation bar at the top containing links for Home, PearsonAccess^{next}, Technology Setup, IAR Summative Resources, Reporting, and Test Preparation. Below the navigation bar, there are links for Learning Renewal Interim Resources, Invest in Kids Act, and Support. The main heading is 'Technology Setup' with a lightning bolt icon. A paragraph explains the page's purpose: 'Use the information and tools on this page to prepare technology for online testing, including downloading or accessing TestNav. TestNav is used to deliver online tests to students.' To the right of this paragraph is a green button labeled 'TestNav8 Downloads Page >'. Below this is a yellow callout box with a green border containing text for Illinois IAR districts and a list of topics to discuss with Pearson Field Engineer staff. The page is divided into three main sections: 'Technology Requirements', 'Additional Technology Resources', and 'Additional Technology Resources'. Each section has a blue header and a white content area with a button. A green arrow points from the yellow callout box to the 'Additional Technology Resources' button at the bottom.

Home PearsonAccess^{next} Technology Setup IAR Summative Resources Reporting Test Preparation

Learning Renewal Interim Resources Invest in Kids Act Support

Technology Setup

Use the information and tools on this page to prepare technology for online testing, including downloading or accessing TestNav. TestNav is used to deliver online tests to students.

[TestNav8 Downloads Page >](#)

Illinois IAR districts - schedule a time with Pearson Field Engineer staff to discuss technology questions/concerns.
Use this calendar to set-up time with the Pearson Technology Field Engineering Team to address questions on the following:

- How your district infrastructure interacts with Pearson systems (examples may include: firewalls, content filters, student devices, proctor caching servers, wifi access points, etc.)
- How to prepare and complete an infrastructure trial in your district
- Discuss issues or questions that arose while performing an infrastructure trial
- How to set-up proctor caching in your district
- Other recommendations on online testing set-up for your district or school.

Note: During live testing, please call Illinois Customer Support for immediate assistance.

Technology Requirements

View hardware and software requirements for administering online tests.

[Technology Requirements](#)

List of Chromebooks that have reached Auto Update Expiration (AUE) and will not deliver the IAR in Spring of 2022 (see models highlighted in red).

[List of Chromebooks](#)

Additional Technology Resources

User Guides are product guides to be used by Test Coordinators, Test Administrators, and technology personnel for technical instructions and troubleshooting.

[Spring 2022 Technology Coordinator Training Webinar – Coming Soon!](#)

[Additional Technology Resources](#)

TestNav 8 Online Support Page

Additional Technology Resources

User Guides are product guides to be used by Test Coordinators, Test Administrators, and technology personnel for technical instructions and troubleshooting.

Spring 2022 Technology Coordinator Training Webinar – Coming Soon! ▾

Additional Technology Resources ▾

- TestNav 8 Online Support
- TestNav 8 Error Codes
- Illinois IAR districts - schedule a time with Pearson Field Engineer staff to discuss technology questions/concerns.
- Proctor Cache Decision Tree

TestNav. Set Up and Use TestNav Troubleshooting Recently Updated Download TestNav

TestNav 8 Online Support

TestNav System Requirements

Set up and Use TestNav	Troubleshooting	Technical Bulletins
Requirements and Guidelines	Expected Behaviors	TestNav 1.10 Apps Available 6/14/21
Download TestNav	Error Codes	TestNav 2021-2022 School Year System Requirement Changes
Install and Sign In	Find Saved Response File (SRF) and Log Files	TestNav App for Chrome OS version 1.9.109

TestNav 8 Online Support



TestNav 8 Online Support Page (continued)

- 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 button on the top bar.

The screenshot shows the TestNav 8 Online Support page. The top navigation bar includes the TestNav logo, a search bar, and several menu items: 'Set Up and Use TestNav', 'Troubleshooting', 'Recently Updated' (highlighted with a green box and an arrow pointing to it from the text above), and 'Download TestNav'. Below the navigation bar is a large banner image of a man looking at a computer screen, with the text 'TestNav 8 Online Support' overlaid. A search bar is positioned below the banner. The main content area is divided into three columns. The first column is titled 'TestNav System Requirements' (highlighted with a green box) and contains links for 'Requirements and Guidelines', 'Download TestNav', and 'Install and Sign In'. The second column is titled 'Troubleshooting' (highlighted with a green box) and contains links for 'Expected Behaviors', 'Error Codes', and 'Find Saved Response File (SRF) and Log Files'. The third column is titled 'Technical Bulletins' and contains links for 'TestNav 1.10 Apps Available 6/14/21', 'TestNav 2021-2022 School Year System Requirement Changes', and 'TestNav App for Chrome OS version 1.9.109'.

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.
- The calendar is available at [IL Field Services Engineering](#) to set-up a personal appointment to discuss any of the following:
- Recommendations for online testing set-up for your district or school.

Schedule your Technology Office Hours!



[Support Page](#)



[IL Field Services Engineer Calendar](#)

ISBE – Pearson Contacts Information



ISBE Assessment Department

866-317-6034

- [Email ISBE](#)
- [ISBE Assessment Site](#)

Pearson Customer Support

833-213-3879

- [Support Page](#)



Pearson