

ISASP Technology Readiness Checklist

Step 1 – Prepare Network Security for TestNav Traffic			
Firewalls and Gateway Security	Content Filters	Local Anti-Virus	Proxy Servers
Exempt TestNav URLs from firewall inspection, when possible. Gateway anti-virus inspection, deep packet inspection, reverse-DNS checks, gateway SSL decryption/inspection are some firewall services that can interrupt TestNav traffic.	Exempt TestNav URLs within any applicable services. Security/content filter services can interrupt TestNav traffic. Services such as reverse-DNS checks, SSL decryption/inspection, deep packet inspection, HTTP inspection, blocking audio/multimedia files, and blocking archival files have all been known to cause TestNav interruptions.	Exempt TestNav URLs and file directories from anti-virus scanning or inspecting. Install paths vary by platform and installation method. Windows and Mac devices have an additional path where they store minor updates: Windows: {user_home}\AppData\Local\Pearson Mac: {user_home}/Library/Application Support/Pearson Some anti-virus software uses real-time protection to scan network traffic and file downloads, which may cause issues in test data transfers during secure online testing.	Exempt 127.0.0.1 from all proxy services. Proxy servers can cause delays in TestNav traffic that can sometimes cause communication timeouts. Some web-based content filters can act as a proxy. As a result, Pearson support recommends that you add TestNav URLs to proxy bypass lists, when possible.
TestNav Delivery URLs URL: Port¹	.testnav.com:80 .pearsonusercontent.com:80	.testnav.com:443 .pearsonusercontent.com:443	.chime.aws TCP:443 UDP:3478
Certificate Authority URLs	.thawte.com .usertrust.com	.comodoca.com google-analytics.com (optional)	

¹ TestNav content is dynamically hosted in the cloud. No static IP addresses or ranges can be provided.

Tool/Assistive Technology URLs	<i>Co:Writer</i> .cowriter.dev .donjohnston.net cw-ws.qadji.com <i>Speechstream</i> .speechstream.net toolbar.speechstream.net cache.speechstream.net speech.speechstream.net <i>Prediction</i> rwgoogle-webservices-7.texthelp.com <i>Microsoft Speech-to-Text</i> testnav-cognitive-auth.dev.texthelp.com <i>Web Socket</i> wss://eastus.stt.speech.microsoft.com/
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Step 2 – <u>Install TestNav and Secure Devices</u>		
<u>Desktop</u>	<u>Chromebooks</u>	<u>iPads</u>
• Stop unnecessary processes and programs from running during testing. • Disable all pop-up & system notifications that could appear during testing, such as: Java notifications, email/messaging notifications, anti-virus scan notifications, Google Drive/Dropbox notifications, system update notifications.	• TestNav must be installed and launched as a Kiosk Application. • Unmanaged Chromebooks are not supported for secure testing. • Students cannot start secure tests if TestNav is started without Kiosk Mode enabled. • Important: The legacy TestNav Chrome app is incompatible with the Chrome OS 139 release; the new TestNav Web app must be downloaded and installed if devices are on Chrome OS 139 or higher. Please see this technical bulletin.	Kiosk Mode Warnings: • Students that click or tap “No” cannot continue testing in the secure test. • Students can test in Kiosk Mode for a <i>maximum of 8 hours</i> from the time the student signs in. If the time limit expires, Kiosk Mode stops and the student is exited from the test.

Step 3 – <u>Student Saved Response File (SRF) Locations</u>		
Windows, Mac & Linux	Chromebooks	iPads
Default Primary Save Location: {USER.HOME}\Pearson\srf\ Students must have read, write & delete access to configured save location.	On Chrome OS, the SRF default primary save location is <i>not</i> customizable.	On iPads, the SRF default primary save location is <i>not</i> customizable.
During BOTH the local infrastructure trial and actual test, note which specific device each student uses during each test. The TestNav app saves SRFs to the designated place on the student's device. If an error occurs, you can locate files only on that specific device. In the rare event you are unable to locate the files, contact Pearson at (833) 878-7041 and request to speak with Level 2 Support.		

Step 4 – Conduct a Local Infrastructure Trial in <u>Training (Brown) PearsonAccess^{next} Site</u>	
1. Generate Sample Students	1. Sign in to the training (brown) PearsonAccess^{next} site. Go to Setup > Students, open the task list and select Generate Sample Students. Select Start. 2. Fill in the required details (select your organization, assign any grade, for Test select the appropriate grade/test, and for Type select Online. Enter the desired Number of Students, then select Generate to finalize. 3. Select Exit Tasks after the success message. <i>*Optional:</i> If you would also like to test out Text-to-Speech (TTS) and/or Speech-to-Text (STT): 1. Go to Setup > Students, select the sample student(s) to assign TTS and/or STT to. 2. Open the task list and select Manage Student Tests. Select Start. 3. Click on a test on the left to show the test details. <i>English Language Arts</i> has a drop-down that will display Language/Writing and Reading. In test details, check the box for Text To Speech and/or Speech to Text in the Accommodations box. Select Save.

	**Text-to-Speech is not available for Reading in grades 3-5. Speech-to-Text is not available for Mathematics (all grades).
2. Create test sessions and add students to test sessions	
3. Prepare test sessions and start/unlock tests	
4. Print TestNav Testing Tickets	1. On the Students in Sessions page (see <i>Prepare test sessions</i> above), select the Resources drop-down menu on the right and select Print all for this session (or Print selected for this session). 2. Select a print format and then print the testing tickets. 3. Print testing tickets using your browser's print function.
5. Run App Check in TestNav	1. Launch TestNav on a testing device and verify Iowa is selected on the sign in. If it is not, select the user drop-down menu in the top-right and select Choose a different customer. Select Iowa from the list. 2. Select the user drop-down menu in the top-right and select App Check. Select Run App Check. 3. Kiosk Mode and Connectivity to TestNav should have passed. 4. Select Back to Sign in when complete.
6. Sign into TestNav	1. Select a student from the printed testing tickets. 2. Sign into TestNav with the username and password provided on the testing ticket. Once signed in, navigate through the test to verify successful testing operation.

Avoiding Common Infrastructure Trial Pitfalls

Disable Siri on Mac

- Launch Apple System Preferences.
- Select Siri and uncheck the box for Enable Siri.
- Please contact your MDM provider if you need assistance creating a policy to disable Siri on your managed Mac devices.

Disable Mac Keyboard Dictation Services

- Launch Apple System Preferences.
- Select Keyboard. Select the Dictation tab and turn off Dictation.
- Please contact your MDM provider if you need assistance creating a policy to disable keyboard dictation services on your managed Mac devices.

Launch TestNav app on Chromebook in Kiosk Mode

- Before using any Google sign-in, select the Apps button in the lower-left corner of the Google sign-in screen. Select TestNav from the installed Kiosk Applications.
- *Note: If the user signs into the Chromebook before launching TestNav, the student will receive a TestNav error code 3108.

Ensure a secure and stable connection to TestNav servers

- Open the URLs and ports listed at the beginning of this checklist in any firewalls, proxy servers, or software used for Internet content filtering. *Note: TestNav content is dynamically hosted in the cloud. No static IP addresses or ranges can be provided.
- If your content filter uses reverse-DNS checks, or SSL decryption while securing your environment, you may need to work with your content filter provider to ensure that your configuration will always allow traffic to and from the URLs listed at the beginning of this checklist.

Ensure students have read/write /delete permissions configured in save locations

- If students do not have permissions to write their response files, a 1017 or 1018 TestNav error code will be displayed to the student within TestNav.

If you need further Pearson Customer Support or have live testing issues, please call us at (833) 878-7041. You can create a support request case via the [Support Webform](#) link at the bottom of all pages on the [ISASP Portal](#) or use the [Technology Office Hours](#) option to schedule a time with Field Services Engineering.