

## Spring 2016 Online Testing Idaho Assessments Technology Readiness Checklist

This checklist is intended to be used in conjunction with the DRC INSIGHT Technology User Guide, located in eDIRECT: <https://id.drccedirect.com> under General Information – Documents.

1.	Download and review the contents of the <b><i>DRC INSIGHT Technology User Guide</i></b> .																				
2.	<p>Whitelist the necessary IP addresses and URLs below on any content filters, firewalls, proxy servers, and anti-virus software to ensure clear access to DRC’s servers, and prioritize network traffic (INSIGHT Technology User Guide p. 33, 233).</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 15%;">State</th> <th style="width: 35%;">URL</th> <th style="width: 20%;">IP Address</th> <th style="width: 30%;">Port/Protocol</th> </tr> </thead> <tbody> <tr> <td>Idaho</td> <td><a href="http://id-insight-client.drccedirect.com">http://id-insight-client.drccedirect.com</a></td> <td>50.58.190.23</td> <td>80/http; 443/https</td> </tr> <tr> <td></td> <td><a href="https://id-insight.drccedirect.com">https://id-insight.drccedirect.com</a></td> <td>50.58.190.75</td> <td>80/http; 443/https</td> </tr> <tr> <td></td> <td><a href="https://wbte.drccedirect.com">https://wbte.drccedirect.com</a></td> <td>50.58.190.53</td> <td>80/http; 443/https</td> </tr> <tr> <td></td> <td><a href="https://dtk.drccedirect.com">https://dtk.drccedirect.com</a></td> <td>50.58.190.22</td> <td>80/http; 443/https</td> </tr> </tbody> </table>	State	URL	IP Address	Port/Protocol	Idaho	<a href="http://id-insight-client.drccedirect.com">http://id-insight-client.drccedirect.com</a>	50.58.190.23	80/http; 443/https		<a href="https://id-insight.drccedirect.com">https://id-insight.drccedirect.com</a>	50.58.190.75	80/http; 443/https		<a href="https://wbte.drccedirect.com">https://wbte.drccedirect.com</a>	50.58.190.53	80/http; 443/https		<a href="https://dtk.drccedirect.com">https://dtk.drccedirect.com</a>	50.58.190.22	80/http; 443/https
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3.	<p>Verify that you have the latest version of the Testing Site Manager (TSM) software. If necessary, uninstall old TSM and install new software. Install the TSM on one server or desktop computer that will not be used as a testing device. Access the TSM installer by logging into eDIRECT and accessing Test Setup – General Information – Downloads.</p> <ul style="list-style-type: none"> <li>• Install the TSM before installing the Device Toolkit and INSIGHT on a dedicated server or workstation</li> <li>• 1 TSM: @150 concurrent testers suggested</li> <li>• TSM required for content caching if using audio online, or Text-to-Speech (TTS)</li> <li>• TSM highly recommended for response caching</li> </ul>																				
4.	Start the TSM and, if necessary, ‘name’ it using following naming convention: <i>district, school, building, location in the building</i> (INSIGHT Technology User Guide p. 155).																				
5.	If using audio online (text-to-speech, or TTS), check the “Download TTS” boxes next to each content area within the TSM (INSIGHT Technology User Guide p. 159-161). Click “Update Content” and verify that all tests display “Up to Date.”																				
6.	Start the Device Toolkit. Access the Device Toolkit by logging into eDIRECT and going to Test Setup – Device Toolkit. Set up ORG Units and group your testing devices in the ORG Units (INSIGHT Technology User Guide p. 43).																				
7.	<p>Install the new INSIGHT software (uninstall previous versions of INSIGHT first; see the Installation chapters in the INSIGHT Technology User Guide). Verify you have the latest version of the INSIGHT software. Access the INSIGHT download by logging into eDIRECT and accessing Test Setup – General Information – Downloads.</p> <ul style="list-style-type: none"> <li>• To install INSIGHT using a software tool, download and deploy your configuration file(s) from the Device Toolkit and install INSIGHT (see “Creating a Configuration File” on page 55 and the appropriate Installation chapters).</li> <li>• To install INSIGHT manually, record the Device Toolkit ORG Unit ID for each device and install INSIGHT (see “Creating and Deleting ORG Units” on page 51 and the appropriate Installation chapters).</li> </ul>																				

8.	Perform a System Readiness Check on all student testing devices (INSIGHT Technology User Guide p. 189)
9.	Run an Online Tools Training (OTT) by launching the ID Online Assessments icon on the student testing device and selecting the Online Tools Training option. Check both the standard and audio versions (go all the way into the test for audio).
10.	On the first day of testing, verify that all content displays a status of Up to Date in the TSM (see "Using the TSM" on page 155).
11.	On the first day of testing and after each test session, verify that there are no unsent test responses. Monitor student responses on the TSM to ensure that the value for Unsent Tests is 0 [zero] (INSIGHT Technology User Guide p. 162).

The following contains information that specifies technology requirements for testing with the DRC INSIGHT Learning System.

### ***INSIGHT Requirements for Desktop, Laptop, and Tablet Computers***

<b>Operating System</b>	<b>Minimum</b>	<b>Recommended</b>	<b>Devices</b>
<p><b>Windows</b></p> <ul style="list-style-type: none"> <li>Windows Vista (TTS is not supported for Windows Vista)</li> <li>Windows 7</li> <li>Windows 8 non-touch-screen versions</li> <li>Windows 8.1 (see Devices for touch-screen devices)</li> <li>Windows 10</li> </ul> <p><b>Windows Server</b></p> <ul style="list-style-type: none"> <li>Windows Server 2008</li> <li>Windows Server 2012</li> </ul> <p><b>Note:</b> INSIGHT supports these versions of Windows and Windows Server with the most recent Service Pack.</p> <p><b>Mac OS</b></p> <ul style="list-style-type: none"> <li>OS X 10.7</li> <li>OS X 10.8</li> <li>OS X 10.9</li> <li>OS X 10.10</li> </ul> <p><b>Note:</b> INSIGHT supports these versions of Mac OS X with the most recent software updates.</p> <p><b>Linux</b></p> <p>Ubuntu 12.04.1 LTS and 14.04 LTS 32-bit and 64-bit with Gnome 3.4, Unity shell</p>	<p>Windows Vista with the most-recent Service Pack (Windows 7 for TTS)</p> <p>Windows server 2008</p> <p>Mac OS 10.7</p> <p>Ubuntu 12.04.1 LTS</p>	<p>Windows 7 or newer</p> <p>Windows Server 2008 or newer</p> <p>Mac OS 10.7 or newer</p> <p>Ubuntu 14.04.1 LTS</p>	<p>Non-touch-screen devices plus the following touch-screen devices for Windows 8.1:</p> <ul style="list-style-type: none"> <li>Lenovo Yoga – Netbook Tablet</li> <li>Dell Latitude-Laptop</li> <li>Microsoft Surface Pro-Tablet</li> </ul> <p>Non-touch-screen devices</p> <p>Non-touch-screen devices</p>
<b>Memory</b>	512 MB RAM	1 GB RAM or greater	
<b>Processor</b>	1 GHz	1 GHz or faster	
<b>Disk Space</b>	100 MB available	100 MB or more available	
<b>Screen Size</b>	9.5 inches	13 inches or larger	
<b>Screen Resolution</b>	1024 x 768	1024 x 768 or higher	
<b>Internet Connectivity</b>	Computers must be able to connect to the Internet.	Computers connected to the Internet via wired networks.	
<b>Input Device Requirements</b>	Keyboard, wired or wireless, including Bluetooth. To meet secure testing requirements, each Bluetooth or wireless keyboard must be configured to pair with only a single computer during testing.		
<b>Interface Devices</b>	Standard interface devices such as mice, touchpads, headphones, microphones, earphones, and earbuds are supported.		

## INSIGHT Requirements for iPad Devices

Operating System	Minimum	Supported/Recommended
<u>Apple iOS</u>	iOS 8.1.3  Requires an iPad 2 device or newer. iPad Air devices are supported. iPad mini devices are not supported.  <b><u>Important:</u></b> <ul style="list-style-type: none"> <li>To distribute the INSIGHT App to iPad devices, you must use an MDM solution.</li> <li>To mass configure the INSIGHT App for iPad devices, you must use an MDM solution that supports the Managed App Configuration feature.</li> <li>You also can manually configure the INSIGHT App on each iPad.</li> </ul> For more information, see “Distributing and Registering INSIGHT” on page 118.	iOS 8.1.3 iOS 8.2 iOS 8.3 iOS 8.4
<b>Screen Size</b>	A standard iPad 9.7" screen	A standard iPad 9.7" screen
<b>Battery</b>	A fully charged battery with a two-hour life	A device connected to a plugged-in power supply
<b>Internet Connectivity</b>	iPad devices must be able to connect to the Internet.	
<b>Input Device Requirements</b>	<b><u>Bluetooth Keyboard</u></b> To meet secure testing requirements, each Bluetooth keyboard must be configured to pair with only a single device during testing. <b><u>External Keyboard</u></b> An external keyboard is optional and recommended for testing. External keyboards are required for all assessments that include constructed response items. External wired keyboards are supported for testing. <b><u>Internal Keyboard</u></b> The internal, virtual iPad keyboard is also supported.	
<b>Devices Supported</b>	iPad 2 or newer iPad Air and iPad Air 2 devices iPad mini devices are not supported	
<b>Interface Devices Supported</b>	Earphones, ear buds, microphone, stylus	

## INSIGHT Requirements for Chromebook Devices

Operating System	Minimum	Recommended
<u><b>Chrome OS</b></u>	<p>The latest stable channel version of Chrome OS.</p> <p><b>Important:</b> To lock down the Chromebook device for test security, the Chromebooks must run on a level of Chrome that supports Single App Kiosk Mode. The DRC INSIGHT Chrome App requires Single App Kiosk Mode to launch and ensure a secure testing environment on Chromebook devices. See “Q1: Of the three secure testing scenarios provided by Google, which one did DRC select and why?” on page 225.</p> <p>To distribute the INSIGHT App to Chromebook devices, you must have Google Apps for Education set up and have your devices enrolled in Chrome device management (allows you to manage multiple Chrome devices from a central console). See “Q3: Why does DRC require Google Apps for Education and the Google Administrator accounts?” on page 227 and “Example of Chromebook Setup and Configuration for INSIGHT” on page 132.</p>	The latest stable channel version of Chrome OS.
<b>Memory</b>	512 MB RAM	1 GB RAM or greater
<b>Processor</b>	1 GHz	1 GHz or faster
<b>Disk Space</b>	100 MB available	100 MB or more available
<b>Screen Size</b>	9.5 inches or larger	13 inches or larger
<b>Battery</b>	A fully charged battery with a two-hour life	A device connected to a plugged-in power supply
<b>Screen Resolution</b>	1024 x 768	1024 x 768 or higher
<b>Internet Connectivity</b>	Chromebook devices must be able to connect to the Internet.	
<b>Input Device Requirements</b>	The built-in Chromebook keyboard and a mouse (recommended) or touchpad. The input device must allow students to select/deselect; drag; highlight text, objects, and areas; enter letters, numbers, and symbols, and press the Shift, Tab, Return, Delete, and Backspace keys.	
<b>Devices Supported</b>	Non-touch-screen devices plus the following touch-screen devices: Acer C720P Lenovo N20P Dell Chromebook 11 HP Chromebook 14 G3	
<b>Interface Devices Supported</b>	Earphones, microphone, mouse	

### ***INSIGHT Requirements for Android Devices***

<b>Operating System</b>	<b>Minimum</b>	<b>Recommended</b>
<b>Android OS</b>	Lollipop 5.0 or higher	Lollipop 5.0 or higher
<b>Screen Size</b>	10 inches or larger	10 inches or larger
<b>Battery</b>	A fully charged battery with a two-hour life	A device connected to a plugged-in power supply
<b>Internet Connectivity</b>	Android devices must be able to connect to the Internet.	
<b>Input Device Requirements</b>	The input device must allow students to select/deselect; drag; highlight text, objects, and areas; enter letters, numbers, and symbols, and press the Shift, Tab, Return, Delete, and Backspace keys.	
<b>Devices Supported</b>	All Android devices must be supported by and enrolled in Google Play for Education, and must meet DRC's minimum system requirements. Currently, two devices meet these requirements: <ul style="list-style-type: none"> <li>○ ASUS Transformer Pad TF103CE (also known as the K010E)</li> <li>○ Dell Venue 10, model 5050</li> </ul>	
<b>Interface Devices Supported</b>	Earphones, microphone, stylus, internal and external keyboard, mouse	

## TSM Requirements

**Note:** A TSM is required for audio (TTS), and there is no separate installation.

Operating System	Minimum	Recommended
<p><b>Windows</b></p> <ul style="list-style-type: none"> <li>• Windows Vista</li> <li>• Windows 7</li> <li>• Windows 8 non-touch-screen versions</li> <li>• Windows 8.1 (see Devices in INSIGHT Technology User Guide for touch-screen devices)</li> <li>• Windows 10</li> </ul> <p><b>Windows Server</b></p> <ul style="list-style-type: none"> <li>• Windows Server 2008</li> <li>• Windows Server 2012</li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>○ The TSM supports these versions of Windows and Windows Server with the most-recent Service Pack.</li> <li>○ The TSM supports both 32-bit and 64-bit versions of Windows.</li> </ul> <p><b>Mac OS</b></p> <ul style="list-style-type: none"> <li>• OS X 10.7</li> <li>• OS X 10.8</li> <li>• OS X 10.9</li> <li>• OS X 10.10</li> </ul> <p><b>Notes:</b></p> <ul style="list-style-type: none"> <li>○ The TSM supports these versions of Mac OS X with the most recent software updates.</li> <li>○ For Mac installations, Mac Server software is not supported.</li> </ul> <p><b>Linux</b></p> <p>Ubuntu 12.04.1 LTS and 14.04 LTS 32-bit and 64-bit with Gnome 3.4, Unity shell</p> <p><b>Note:</b> For Linux installations, Ubuntu Server software is not supported.</p>	<p>Windows Vista with the most-recent Service Pack</p> <p>Windows Server 2008</p> <p>Mac OS 10.7</p> <p>Ubuntu 12.04.1 LTS</p>	<p>Windows 7 or newer</p> <p>Windows Server 2008 or newer</p> <p>Mac OS 10.7 or newer</p> <p>Ubuntu 14.04.1 LTS</p>

**TSM Requirements (cont.)**

Item	Minimum	Recommended
<b>Memory</b>	1 GB	1 GB or more
<b>Processor</b>	1 GHz	1 GHz or faster
<b>Disk Space</b>	10 GB	10 GB or more
<b>Screen Size</b>	9.5 inches or larger	13 inches or larger
<b>Screen Resolution</b>	1024 x 768	1024 x 768 or higher
<b>Internet Connectivity</b>	Computers must be able to connect to the Internet.	Computers connected to the Internet via wired networks.
<b>Accommodation</b>		
<u><b>TTS</b></u>		
<b>Memory</b>	1 GB RAM	1 GB RAM or greater
<b>Processor</b>	1 GHz	1 GHz or faster
<b>Disk Space</b>	10 GB available	10 GB or more available
	These TSM disk space requirements assume an average fixed-form item size of 2 MB.	

**For technical assistance, please  
contact Idaho Customer Service**

Phone: 1.866.572.2050

Email: [IdahoSupport@datarecognitioncorp.com](mailto:IdahoSupport@datarecognitioncorp.com)