

## Configuration Requirements

This page includes a list of supported and recommended operating systems, browsers, connection speeds, and hardware.

**Please remember to conduct Check Readiness prior to your testing session(s).** [Check Readiness](#) can be accessed using the following URL: <http://admin-cwra.cae.org>. Click the [Check Readiness](#) link on the upper right hand corner of the screen.

The Secure Browser does not need to be re-downloaded if you already have it on your computer. The Secure Browser will auto-update if you attempt to launch an older copy of it.

We recommend downloading the most current browser(s) for both the Proctor and Student Interface.

### OPERATING SYSTEM AND BROWSER REQUIREMENTS

	Operating Systems	Browsers
<b>Proctor Interface</b> <a href="http://admin-cwra.cae.org">http://admin-cwra.cae.org</a>	Windows 7 or higher Mac OS X 10.9 or higher	Edge <sup>1</sup> Chrome <sup>1</sup> Internet Explorer 9.0 Safari 6
<b>Student Interface</b> <a href="http://cwra.cae.org">http://cwra.cae.org</a>	Windows 7 or higher Mac OS X 10.9 or higher Mac iOS7 or higher (iPads) iPad 2 or higher	Internet Explorer 9.0 Safari 6

1. Edge and Chrome support is limited to the current version plus one previous version due to forced automatic updates.

### RECOMMENDED CONNECTION SPEEDS AND HARDWARE

<b>Internet Connection</b>	While dial-up modems are supported, we recommend a <a href="#">broadband connection (DSL, Cable, or T1)</a> for best results.
<b>Monitor Size</b>	We recommend a <a href="#">17" monitor or larger</a> .
<b>Resolution</b>	Tests can be delivered at any resolution. Most are designed for resolutions of 800x600 or better. We recommend a <a href="#">1024x768 resolution or higher</a> .
<b>Color Depth</b>	On Windows, the highest resolution is 32-bit color. Ninety-seven percent of users have 16-bit color or greater. Although 8-bit color resolution is supported, it may not present complex graphics perfectly. We recommend a <a href="#">16-bit color depth or greater</a> .

### VISUALLY IMPAIRED STUDENT ACCOMMODATIONS

Students with visual impairments are able to use a magnification feature in the Secure Browser. The minimum system requirement for this function for PCs is Windows 7 operating system and Internet Explorer 10 (or higher). To zoom in, students should press "Ctrl+" and to zoom out, students should press "Ctrl-." On Macs you may use "Command +" and "Command -."

### PLEASE CONTACT YOUR CWRA+ REP IF YOU PLAN ON USING:

- Thin clients
- Virtual machines
- XBoxes
- Cloud environments
- Remote desktops
- Laptops
- WiFi for test delivery
- Tablets/iPads with keyboards
- Chromebooks