

## WBARS STANDARD CONFIGURATION

Operating Systems	
<i>Required</i>	<i>Recommended</i>
Windows XP, Vista, Windows 7, Mac OS X	Windows 7, Mac OS X 10.7 (Lion)
<b>Video</b>	
<i>Required</i>	<i>Recommended</i>
SVGA, Display resolution of 1024x600	Display resolution of 1024x768 or greater
<b>Browsers</b>	
<i>Required</i>	<i>Recommended</i>
IE, 8, IE9, Firefox (17+), Chrome	IE9, Firefox (newest), Chrome (newest)
Safari 4,5, 5.1, 6	Safari 5.1 or 6.0
<b>Bandwidth</b>	
<i>Required</i>	<i>Recommended</i>
128 kbps <sup>1</sup> (upload); 768 kbps (download)	1.5 Mbps <sup>2</sup> (upload); 3 Mbps (download)

Required browser features:

- Enable cookies
- Enable Javascript

Recommended Software:

- Adobe Reader (or similar PDF reader)
- Microsoft Office (Word docs, Excel spreadsheets)

A user's effective bandwidth ("speed") can be obtained at <http://www.speakeasy.net/speedtest/>. The time it takes for a small amount of data to be downloaded and uploaded will be a rough measure of the bandwidth speed. Speeds will vary depending on the time of day, whether or not users are streaming or downloading large files, etc. In general, cable-based Internet connections are faster than DSL ones, and a fiber-based <sup>3</sup>connection is the fastest of them all.

It's rare that a user will ever have to clear the browser cache<sup>4</sup>, but it may be a necessity of web pages are old or "stale", or when there are difficulties with logging into WBARS. A cache is simply a special folder where web pages, Javascript files, cookies, images, etc. are kept when they're initially downloaded. If any of these items have changed, a newer version is downloaded. Caching speeds things up because a web browser will check its cache first and only download something when it needs to.

<sup>1</sup> Kilobits per second

<sup>2</sup> Megabits per second

<sup>3</sup> E.g., Verizon FiOS, AT&T U-Verse

<sup>4</sup> See <http://www.wikihow.com/Clear-Your-Browser's-Cache>