

WBARS STANDARD CONFIGURATION

Operating Systems	
<i>Required</i>	<i>Recommended</i>
Vista, Mac OS, Windows 7,8,8.1,10	Windows 10, Mac OS
Video	
<i>Required</i>	<i>Recommended</i>
SVGA, Display resolution of 1024x600	Display resolution of 1024x768 or greater
Browsers	
<i>Required</i>	<i>Recommended</i>
Firefox, Chrome(51+), Edge	Firefox (latest), Chrome (latest), Edge
Safari 4,5, 5.1,6	Safari 5.1 or 6.0
Bandwidth	
<i>Required</i>	<i>Recommended</i>
128 Kbps ¹ (upload); 768 Kbps (download)	1.5 Mbps ² (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 <https://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 ³ connection is the fastest of them all.

It's rare that a user will ever have to clear the browser cache ⁴, but it may be a necessity if 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.

¹ Kilobits per second

² Megabits per second

³ E.g., Verizon FiOS, AT&T U-Verse

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