

Browser Support for SP 11

Note: If you are not sure which version of Blackboard Learn you are using, see [Finding the Right Help for Me](#).

The following tables highlight the new platform and browser configurations tested for SP 11 using the following support terms:

- **Certified:** Fully supported technology with highest level of testing before release.
- **Compatible:** Fully supported technology with minimal level of testing before release.
- **Unsupported:** Unsupported technology because it is either impossible or not tested.
- **Provisional:** (Client Technologies ONLY) future technologies considered supported by Blackboard Support.

Microsoft Windows

	Internet Explorer 10	Internet Explorer 9	Internet Explorer 8	Firefox ESR ¹	Firefox (Final Release Channel) ²	Chrome (Stable Channel) ³
Windows XP (32-bit)	Unsupported by Microsoft	Unsupported by Microsoft	Compatible	Certified	Compatible	Compatible
Windows Vista (32-bit)	Unsupported by Microsoft	Certified	Compatible	Certified	Certified	Compatible
Windows Vista (64-bit)	Unsupported by Microsoft	Compatible	Compatible	Certified	Compatible	Compatible
Windows 7 (32-bit)	Provisional	Certified	Compatible	Certified	Certified	Certified
Windows 7 (64-bit)	Provisional	Certified	Compatible	Certified	Certified	Certified
Windows 8 (32-bit)	Compatible	Unsupported by Microsoft	Unsupported by Microsoft	Certified	Certified	Certified
Windows 8 (64-bit)	Certified	Unsupported by Microsoft	Unsupported by Microsoft	Certified	Certified	Certified

Apple Mac OS

	Safari 6.0.1	Safari 5.1	Safari 5.0	Safari 4.0	Firefox ESR ¹	Firefox ⁴ (Final Release Channel) ²	Chrome (Stable Channel) ³
Mac OS X 10.6	Unsupported by Apple	Certified	Certified	Compatible	Certified	Certified	Certified ³
Mac OS X 10.7	Certified (10.7.5)	Certified	Unsupported by Apple	Unsupported	Certified	Certified	Certified ³
Mac OS X 10.8	Certified (10.8.2)	Certified	Unsupported by Apple	Unsupported	Certified	Certified	Certified ³

¹Firefox ESR is a release of Firefox intended for groups who install and maintain the desktop environment in large institutions. More information is available at <http://www.mozilla.org/en-US/firefox/organizations/>.

²The Firefox Release Channel is the fully tested version by Mozilla and intended to be the most stable. This channel is updated roughly every six weeks. More information is available at <http://blog.mozilla.com/blog/2011/04/13/new-channels-for-firefox-rapid-releases/>.

³The Chrome Stable Channel is the fully tested version by Google and intended to be the most stable as the name implies. This channel is updated roughly every 2-3 weeks for minor releases and 6 weeks for major releases. More information is available at www.chromium.org.

IMPORTANT! Chrome users who have updated Java on their system to Java 7 will no longer be able to access Java applets – this will result in the loss of some Learn capabilities such as the Math Editor due to the incompatibilities between Chrome and Java 7. At the time of release of SP10/11 Chrome was tested for the ability to render Learn pages pertinent to the core functionality of Learn and as such Chrome was certified. Note that the Math Editor provided in 9.1 SP12 is delivered via JavaScript and is not impacted by the Java 7/Chrome incompatibility.

⁴Firefox 8 and Mac OS are not compatible with the drag and drop functions on Blackboard Learn.

Technologies Not Supported

The following technologies are **not** supported in SP 11:

- Internet Explorer 6, 7
- Firefox 1.x, 2.0, 3.0, 3.5, and 3.6
- Safari 2.0, 3.x and any version on Windows

- Windows XP 64-bit
- Mac OSX 10.3, 10.4, 10.5
- Java 5, although it may continue to work

Other Support in SP 11

Accessibility and JAWS

Blackboard strives to make all its products as accessible as possible. JAWS for Windows 11 and 12 were used during accessibility testing in SP 11.

JRE Support

JRE (Java Runtime Environment) is not required for users to access and interact with the Learn platform with the exception of the following features and tools:

- Learn collaboration tools virtual classroom and chat
- Multiple-file uploads
- Math equation editor
- Default text editor shipped with Learn 9.1 SP9 and earlier

Blackboard has tested and supports these features with version 7 JRE. JRE 6 may work, but could result in unexpected behavior. The JRE can be downloaded from <http://www.oracle.com/technetwork/java/javase/downloads/index.html>. Windows system administrators who want to provide auto-download for users can find the.cab file link for the appropriate JRE at <http://www.oracle.com/technetwork/java/javase/autodownload-140472.html>.

For information on security and JRE, see this [Blackboard Security Advisory](#).

Java Applet Code Signing

Java applets bundled with Blackboard Learn 9.1 SP 11 are now signed with a timestamping authority, <https://timestamp.geotrust.com>, which certifies that the Blackboard code signing certificate was valid at the point in time when the applet was signed. Web browser client JDKs that trust the timestamping authority will run the applets without error, even after the Blackboard code signing certificate expires. All JDKs since version 1.5 trust this timestamping authority by default.

