

Internet browser compatibility guidelines

The following table lists the most common internet browsers. The table lists each browser with the compatibility of TLSv1.2 for recent versions.

Browser	TLS 1.2 Compatibility Notes
Microsoft Edge	Compatible by default
Desktop and mobile versions	Compatible by default
Microsoft Internet Explorer (IE)	Varies by IE version and windows OS version
Desktop and mobile IE version 11	Compatible by default
Desktop IE versions 8, 9 and 10	Capable when run in Windows 7 or newer, but not by default. Windows Vista and older operating systems, such as Windows XP, are not compatible with TLS 1.2 encryption. To enable TLS 1.2 on Internet Explorer: <ol style="list-style-type: none"> 1. Open Internet Explorer. 2. Select Tools > Internet Options. 3. Select the Advanced tab. 4. Scroll to the Security section. 5. Check the Use TLS 1.2 checkbox to use strict encryption. 6. Click OK.
Desktop IE versions 7 and below	Not compatible or stable with TLS 1.2 encryption.
Mozilla Firefox	Compatible with the most recent, stable version, regardless of operating system
Firefox 27 and higher	Compatible by default
Firefox 24 to 26	Capable, but not by default.
Firefox 23 and below	Not compatible with TLS 1.2 or higher encryption.
Google Chrome	Compatible with the most recent, stable version, regardless of operating system
Google Chrome 38 and higher	Compatible by default
Google Chrome 22 to 37	Capable when run in Windows XP SP3, Vista, or newer (desktop), OS X 10.6 (Snow Leopard) or newer (desktop), or Android 2.3 (Gingerbread) or newer (mobile)
Google Chrome 21 and below	Not compatible with TLS 1.2 encryption.
Google Android OS Browser	
Android 6.0 (Marshmallow) and higher	Compatible by default
Android 5.0 (Lollipop) and higher	Compatible by default
Android 4.4 (KitKat) to 4.4.4	Capable, but not by default.
Android 4.3 (Jelly Bean) and below	Not compatible with TLS 1.2 encryption.



Browser	TLS 1.2 Compatibility Notes
Apple Safari	
Desktop Safari versions 7 and higher for OS X 10.9 (Mavericks) and higher	Compatible by default
Desktop Safari versions 6 and below for OS X 10.8 (Mountain Lion) and below	Not compatible with TLS 1.2 encryption.
Mobile Safari versions 5 and higher for iOS 5 and higher	Compatible by default
Mobile Safari for iOS 4 and below	Not compatible with TLS 1.2 encryption.