

# Requirements

This page outlines client and server minimum requirements for FileSender **version 1.6**

## Client requirements for uploads of any size

- **Web browser with HTML5 FileAPI support.**
  - Chrome, FireFox 17+, IE 10.0+, Safari 6.0.1+ and Opera 20+
  - [Check here to monitor implementation progress](#) of the HTML5 FileAPI for all major browsers. In particular support for [FileReader API](#) and [Blob URLs](#) needs to be light green (=supported) for a browser to support uploads larger than 2GB

## Client requirements for uploads up to 2GB using Flash

- **Web browser** - modern release
- **Flash Player 10.x browser plugin** - required for the Flash upload component used with non-HTML5 browsers.

## Client requirements for downloads of all sizes

- **Web browser** - modern release

## Server requirements

- **64-bit Linux**
- **Webserver:** any webserver will do, however our documentation assumes [Apache 2+](#); **ensure that the webserver will only use HTTPS for FileSender traffic! Ensure that the files directory is non-exec.**
- **SSL Server Certificate** recognised by popular browsers. see the [Administrator reference manual](#) for more information, and the [FAQ](#) for a still quite relevant entry on why self signed certificates will cause issues for uploads with the Flash component.
- **PHP 5.3+:** PHP has to be 64bits aware.
- **Database: PostgreSQL 8.3.9+ or MySQL 5.1+, SQLite 8.4.20:** As of version 1.5, FileSender uses a PDO based database abstraction layer enabling use of multiple databases. PDO is available on most standard PHP installations. Earlier versions of Postgres, MySQL or SQLite might work but haven't been tested by us.
- **SimpleSamlPHP 1.9.2+:** earlier versions might work
- **Mail Transport Agent (MTA):** Any decent MTA will do (Postfix, Exim, Sendmail). FileSender needs to be able to send out emails.

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