



## Brightspace and Associated Tool Whitelisting

In order for our Brightspace courses to run correctly and progress to be recorded, your centre may need to whitelist some of the sites that Brightspace/LIBF uses. Below is a list of the relevant domains:

### LIBF Domains

- \*libf.ac.uk
- <https://libfb2c.b2clogin.com/libfb2c.onmicrosoft.com>

\*If it is not possible for your centre to whitelist wildcard domains, the following individual sites will also need to be whitelisted:

- <https://my.libf.ac.uk>
- <https://brightspace.libf.ac.uk>
- <https://kb.libf.ac.uk>

### Brightspace – Virtual Learning Environment/Learning Management System

At a minimum the following should be whitelisted:

- libf.brightspace.com
- libf.brightspacestreaming.com
- <http://hosting.desire2learncapture.com/>
- <https://content.eu-west-1.content-service.brightspace.com>

You may also need to allow connections to and from these IPs as authentication connections (like LDAP) come from the following IPs:

- 34.253.18.221
- 54.76.113.7

### Genially – Interactive Learning Content

At a minimum, the following should be whitelisted:

- genial.ly
- api.genial.ly
- app.genial.ly
- view.genial.ly
- auth.genial.ly

Genially uses port: 443



## H5P – Interactive Learning Content and Quizzes

To access H5P, the following sites are needed:

- <https://h5p.com>
- <https://libf.h5p.com>
- <https://eu-west-1.cdn.h5p.com>
- <https://polyfill.io/v3/>
- <https://fonts.googleapis.com/css>
- <https://cdnjs.cloudflare.com/>
- <https://fonts.gstatic.com>

The following sites may also need to be enabled, to ensure H5P content displays correctly:

- <wss://multiplayer-eu-west-1.h5p.com>
- <https://cdnjs.cloudflare.com/ajax/libs/mathjax/>
- <https://cdn.jsdelivr.net/npm/mathjax@3/>
- <https://www.wiris.net/>
- [www.youtube.com](https://www.youtube.com)
- [gdata.youtube.com/feeds/api/](https://gdata.youtube.com/feeds/api/)
- <https://s.ytimg.com/yts/jsbin/>
- [api.flickr.com/services/rest/](https://api.flickr.com/services/rest/)
- [soundcloud.com/oembed](https://soundcloud.com/oembed)

## SoundCloud – Podcast and Audio Interview Hosting

- \*.soundcloud.com
- \*.sndcdn.com

## Turnitin – Originality Checking and Assignment Submissions

Further guidance obtained from:

<https://help.turnitin.com/system-requirements.htm>

To access Turnitin, the web browser or antivirus software must not block content from the following URLs:

- \*.turnitin.com
- \*.turnitinuk.com
- \*.turnitincdn.com
- ajax.googleapis.com



## Vimeo – Video Hosting (videos LIBF produces)

Further guidance obtained from:

<https://vimeo.zendesk.com/hc/en-us/articles/360040394231-Network-and-browser-requirements-for-viewing-streams>

Viewers should ensure the following ports are open on their network for playback:

- TCP/UDP 80 (HTTP)
- TCP/UDP 443 (HTTPS)

In addition, if viewers are on a corporate network (office, university, hotel, etc.) that restricts access to certain websites or domains, they should have the following domains whitelisted:

- \*.vimeo.com
- \*.vimeocdn.com
- \*.magisto.com
- \*.akamaized.net
- \*.cloudfront.net

## YouTube – External Videos (as a part of further research etc.)

Guidance obtained from Sophos:

[https://support.sophos.com/support/s/article/KB-000035206?language=en\\_US](https://support.sophos.com/support/s/article/KB-000035206?language=en_US)

- youtube.be
- youtube.com
- yting.com
- s.yting.com
- s.youtube.com
- youtube.com/s
- accounts.youtube.com
- consent.youtube.com
- youtube-nocookie.com
- optional: googlevideo.com, google.com