



# **SAFE EXAM BROWSER QUICK START GUIDE**

MOODLE 3.8.3+ (BUILD: 20200522)



## Background

Safe Exam Browser is a web browser environment to carry out e-assessments safely. The software turns any computer temporarily into a secure workstation. It controls access to resources like system functions, other websites and applications and prevents unauthorized resources being used during an exam.

## General Concept

SEB runs on a local computer and it is connected via the internet to a learning management system (LMS) or an e-assessment system. Generally, SEB works with any web based LMS and other kinds of web-based exam systems.

## Technical Details

### SEB for Windows

- Supported operating systems:
  - Windows 8.1
  - Windows 10
  - Windows 11

### SEB for macOS

- Supported operating systems:
  - macOS 13 Sonoma
  - macOS 13 Ventura
  - macOS 12 Monterey
  - macOS 11 Big Sur
  - macOS 10.15 Catalina
  - macOS 10.14 Mojave
  - macOS 10.13 High Sierra
  - macOS 10.12 Sierra
  - OS X 10.11 El Capitan
  - The older OS versions listed below are only supported by SEB 2.3.2. Modern web pages might not be rendered correctly. The SEB 2.3.2 Preferences window is not available (you need to use at least macOS 10.11 for editing SEB configuration files). Starting SEB 2.1.4, you explicitly have to allow SEB to run on these macOS versions (Preferences / Security / Enforce minimum macOS version).
  - OS X 10.10 Yosemite
  - OS X 10.9 Mavericks
  - OS X 10.8 Mountain Lion (TLS/SSL/CA certificate embedding into SEB configuration files and certificate pinning not supported)
  - OS X 10.7 Lion (TLS/SSL/CA certificate embedding into SEB configuration files and certificate pinning not supported)
  - Mac OS X 10.6 Snow Leopard (only supported up to SEB 1.5.2)



## SEB for iOS

- Operating systems:
  - iOS 17
  - iOS 16
  - iOS 15
  - iOS 14
  - iOS 13
  - iOS 12
  - iOS 11: Supported by SEB 3.3.2, newer versions require at least iOS 12.
  - The older iOS versions listed below are only supported by SEB 2.1.17, which lacks many features of SEB 3.0 and newer:
    - iOS 10
    - iOS 9.3.5

## Step-by-step guide

1. Click on the quiz link created by your instructor.

### 2. **Already Installed SEB**

If you have already downloaded the Safe Exam Browser earlier, then click on “Launch Safe Exam Browser”.

### **First Time Using SEB**

If this is your first time using Safe Exam Browser, click on Download Safe Exam Browser.

This quiz has been configured so that students may only attempt it using the Safe Exam Browser.

Time limit: 20 mins

Grading method: Highest grade

The config key or browser exam keys could not be validated. Please ensure you are using the Safe Exam Browser with correct configuration file.

[Download Safe Exam Browser](#) [Launch Safe Exam Browser](#) [Download configuration](#)

[Back to the course](#)



- If you click on “Download Safe Exam Browser”: It will take you to the download page, please pick the one that fits your device (i.e. Windows, MacOS or iOS).
  - Save the download file onto your device
  - Then open the file from the download folder on your device.
  - Follow the instructions and download the Safe Exam Browser.
  - Once the Safe Exam Browser is successfully installed, go back to the quiz page in Moodle and choose “Launch Safe Exam Browser”.
3. If the Safe Exam Browser is successfully installed, students should see the option to choose "Launch Safe Exam browser.

This quiz has been configured so that students may only attempt it using the Safe Exam Browser.

Time limit: 20 mins

Grading method: Highest grade

The config key or browser exam keys could not be validated. Please ensure you are using the Safe Exam Browser with correct configuration file.

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4. \*You will then be asked to login to Moodle using your Student Number and password on the Safe Exam Browser.
5. You can take the quiz on the Safe Exam Browser by clicking on the “Attempt Quiz now” link.
6. Once you are done with the quiz and submitted it, you can quit the Safe Exam Browser by pressing the Exit button on bottom right of the browser window.



## Privacy Statement

SafeExamBrowser (SEB) doesn't send any personal information to any centralized server and is not connected to any web analytics, user tracking or clickstream analytics service. Some data which can be considered to be personal (device type and name, operating system version, computer account username, local network host name, some URLs of opened web pages etc.) can be contained in the log files SEB saves on the system it is running on (when used with default settings). Log files are not transmitted to any centralized server by SEB, you can manually collect those log files for debugging purposes. Logging can be switched off in SEB's settings ([Win/Mac](#)).

If SEB clients have been optionally configured to connect to an instance of the [SEB Server](#) software component, the mentioned log data together with the username of an exam candidate from a supported exam system (currently Open edX, Moodle, OpenOlat and Ans, if configured to allow the SEB Server instance to connect to these independent systems) will be transferred to the individual SEB Server instance. SEB does not collect any other user data, but only loads and displays web pages and therefore does not "know" any details about individual exam users. As SEB can be used with various web-based examination systems, you must make sure that those systems protect the examinees' data. SEB clients can be individually configured to connect to a video conferencing service ([Jitsi Meet](#) or [Zoom](#)) and transmit video/audio data from the camera and microphone of a client device via this video conferencing service. This is strictly optional and always disabled by default. If an SEB client has been configured to connect to a video conferencing service or SEB Server instance, this will be indicated to the candidates when starting an exam session and video/audio proctoring/support via a video conferencing service must be explicitly agreed to by each exam candidate in a dialog box.

There is no registration whatsoever required when downloading, installing or using SafeExamBrowser. SEB is not connecting to any cloud service or server, besides the web server which you enter as "Start URL" in your settings, and, when using appropriate individual configuration files, to an SEB server instance or a video conferencing service. When started with default configuration, SEB for Windows/macOS displays [this page](#).

As SEB is open source, anybody can review the [code](#) to verify that SEB really doesn't connect to any centralized servers and is not sending any collected user data. Additionally, current SEB versions contain a security module to verify the integrity of the SEB application (and in some versions the operating system environment). This module is only distributed in binary form and for security reasons its source code is not available as open source. This module doesn't collect or send any personal information to any centralized server, it is not accessing the network or the Internet.



FOR FURTHER ASSISTANCE ON RICHFIELD MOODLE, PLEASE EMAIL: RICHFIELD MOODLE ON

[moodle@richfield.ac.za](mailto:moodle@richfield.ac.za) or [moodlesupport@richfield.ac.za](mailto:moodlesupport@richfield.ac.za).

alternatively, you can contact your Distance Learning Administrator or Campus Manager directly.

