

# ETHZ / LET Accessibility Conformance Report

## WCAG Edition

(Based on VPAT® Version 2.4Rev)

### Name of Product/Version:

Safe Exam Browser 3.3.b2 (Mac OS version)

### Report Date:

July 2023

### Product Description:

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.

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### Notes:

This VPAT does not make any statements about possible content. Content, in most cases electronic exams and tests in HTML from LMS, is entirely the responsibility of the users / examiners.

Success criteria that refer to elements and functions that do not exist in SEB but could exist are documented as “Supports”.

- Activate the «Use keyboard navigation to move focus between controls» checkbox (System Preferences > Keyboard > Shortcuts) to enable keyboard operability.
- Access menu bar and status bar using **VO + M** shortcut when using Voice Over and **^F2/F8** (control + F2) when navigating keyboard only. Note that, with our current setting (German keyboard), some keyboard shortcuts do not work. Neither in SEB nor anywhere else on the OS. E.g. ^F3 to go to the dock. This is general VO – keyboard layout compatibility issue.
- This VPAT is by now exclusive of the SEB configuration tool (> SafeExamBrowser > Settings), which is not activated in exam mode

## Evaluation Methods Used:

Visual inspection, screen reader tests with Voice Over, keyboard operability (make sure > System Preferences > Keyboard > Shortcuts > «Use keyboard navigation to move focus between controls» checkbox)

## Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
<a href="#">Web Content Accessibility Guidelines 2.0</a>	Level A (Yes) Level AA (Yes) Level AAA (No)
<a href="#">Web Content Accessibility Guidelines 2.1</a>	Level A (Yes) Level AA (Yes) Level AAA (No)

## Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.

- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

## WCAG 2.x Report

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

# Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.1.1 Non-text Content</a> (Level A)	Supports	
<a href="#">1.2.1 Audio-only and Video-only (Prerecorded)</a> (Level A)	Supports	No time-based media
<a href="#">1.2.2 Captions (Prerecorded)</a> (Level A)	Supports	No time-based media
<a href="#">1.2.3 Audio Description or Media Alternative (Prerecorded)</a> (Level A)	Supports	No time-based media
<a href="#">1.3.1 Info and Relationships</a> (Level A)	Supports	
<a href="#">1.3.2 Meaningful Sequence</a> (Level A)	Supports	
<a href="#">1.3.3 Sensory Characteristics</a> (Level A)	Supports	
<a href="#">1.4.1 Use of Color</a> (Level A)	Supports	
<a href="#">1.4.2 Audio Control</a> (Level A)	Supports	No time-based media
<a href="#">2.1.1 Keyboard</a> (Level A)	Supports	
<a href="#">2.1.2 No Keyboard Trap</a> (Level A)	Supports	
<a href="#">2.1.4 Character Key Shortcuts</a> (Level A 2.1 only)	Supports	
<a href="#">2.2.1 Timing Adjustable</a> (Level A)	Supports	LMS preference
<a href="#">2.2.2 Pause, Stop, Hide</a> (Level A)	Supports	No time-based media
<a href="#">2.3.1 Three Flashes or Below Threshold</a> (Level A)	Supports	
<a href="#">2.4.1 Bypass Blocks</a> (Level A)	Supports	Navigate to menu bar and status bar: VoiceOver: <b>VO + M</b> ; Keyboard: <b>^F2</b> (control + F2 / F8) Unfortunately, with our current setting (german keyboard) some keyboard shortcuts do not work. Neither in SEB nor anywhere else on the OS. E.g. ^F3 to go to the dock
<a href="#">2.4.2 Page Titled</a> (Level A)	Supports	
<a href="#">2.4.3 Focus Order</a> (Level A)	Supports	
<a href="#">2.4.4 Link Purpose (In Context)</a> (Level A)	Supports	
<a href="#">2.5.1 Pointer Gestures</a> (Level A 2.1 only)	Not applicable	See iOS version for touch optimization
<a href="#">2.5.2 Pointer Cancellation</a> (Level A 2.1 only)	Not applicable	See iOS version for touch optimization
<a href="#">2.5.3 Label in Name</a> (Level A 2.1 only)	Supports	

Criteria	Conformance Level	Remarks and Explanations
<a href="#">2.5.4 Motion Actuation</a> (Level A 2.1 only)	Supports	
<a href="#">3.1.1 Language of Page</a> (Level A)	Supports	
<a href="#">3.2.1 On Focus</a> (Level A)	Supports	
<a href="#">3.2.2 On Input</a> (Level A)	Supports	No input within SEB application outside LMS content
<a href="#">3.3.1 Error Identification</a> (Level A)	Supports	No input within SEB application outside LMS content
<a href="#">3.3.2 Labels or Instructions</a> (Level A)	Supports	
<a href="#">4.1.1 Parsing</a> (Level A)	Supports	
<a href="#">4.1.2 Name, Role, Value</a> (Level A)	Supports	

**Table 2: Success Criteria, Level AA**

Notes:

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.2.4 Captions (Live)</a> (Level AA)	Supports	No time-based media
<a href="#">1.2.5 Audio Description (Prerecorded)</a> (Level AA)	Supports	No time-based media
<a href="#">1.3.4 Orientation</a> (Level AA 2.1 only)	Not applicable / testable	See iOS version for mobile devices (CHECK)
<a href="#">1.3.5 Identify Input Purpose</a> (Level AA 2.1 only)	Supports	No input within SEB application outside LMS content
<a href="#">1.4.3 Contrast (Minimum)</a> (Level AA)	Supports	
<a href="#">1.4.4 Resize text</a> (Level AA)	Partially Supports	LMS content does resize well. Dock symbols do not resize but are non-textual
<a href="#">1.4.5 Images of Text</a> (Level AA)	Supports	
<a href="#">1.4.10 Reflow</a> (Level AA 2.1 only)	Supports	
<a href="#">1.4.11 Non-text Contrast</a> (Level AA 2.1 only)	Supports	
<a href="#">1.4.12 Text Spacing</a> (Level AA 2.1 only)	Does not support	LMS content. It is technically not possible to apply custom style sheets in SEB.
<a href="#">1.4.13 Content on Hover or Focus</a> (Level AA 2.1 only)	Supports	
<a href="#">2.4.5 Multiple Ways</a> (Level AA)	Supports	No set of webpages apart form LMS content
<a href="#">2.4.6 Headings and Labels</a> (Level AA)	Supports	
<a href="#">2.4.7 Focus Visible</a> (Level AA)	Supports	

Criteria	Conformance Level	Remarks and Explanations
<a href="#">3.1.2 Language of Parts</a> (Level AA)	Supports	
<a href="#">3.2.3 Consistent Navigation</a> (Level AA)	Supports	
<a href="#">3.2.4 Consistent Identification</a> (Level AA)	Supports	
<a href="#">3.3.3 Error Suggestion</a> (Level AA)	Not applicable	No input within SEB application outside LMS content
<a href="#">3.3.4 Error Prevention (Legal, Financial, Data)</a> (Level AA)	Not applicable	No input within SEB application outside LMS content
<a href="#">4.1.3 Status Messages</a> (Level AA 2.1 only)	Not applicable	No status messages

**Table 3: Success Criteria, Level AAA**

Notes:

Criteria	Conformance Level	Remarks and Explanations
<a href="#">1.2.6 Sign Language (Prerecorded)</a> (Level AAA)	Not evaluated	AAA
<a href="#">1.2.7 Extended Audio Description (Prerecorded)</a> (Level AAA)	Not evaluated	AAA
<a href="#">1.2.8 Media Alternative (Prerecorded)</a> (Level AAA)	Not evaluated	AAA
<a href="#">1.2.9 Audio-only (Live)</a> (Level AAA)	Not evaluated	AAA
<a href="#">1.3.6 Identify Purpose</a> (Level AAA 2.1 only)	Not evaluated	AAA
<a href="#">1.4.6 Contrast (Enhanced)</a> (Level AAA)	Not evaluated	AAA
<a href="#">1.4.7 Low or No Background Audio</a> (Level AAA)	Not evaluated	AAA
<a href="#">1.4.8 Visual Presentation</a> (Level AAA)	Not evaluated	AAA
<a href="#">1.4.9 Images of Text (No Exception)</a> (Level AAA)	Not evaluated	AAA
<a href="#">2.1.3 Keyboard (No Exception)</a> (Level AAA)	Not evaluated	AAA
<a href="#">2.2.3 No Timing</a> (Level AAA)	Not evaluated	AAA
<a href="#">2.2.4 Interruptions</a> (Level AAA)	Not evaluated	AAA
<a href="#">2.2.5 Re-authenticating</a> (Level AAA)	Not evaluated	AAA
<a href="#">2.2.6 Timeouts</a> (Level AAA 2.1 only)	Not evaluated	AAA
<a href="#">2.3.2 Three Flashes</a> (Level AAA)	Not evaluated	AAA
<a href="#">2.3.3 Animation from Interactions</a> (Level AAA 2.1 only)	Not evaluated	AAA
<a href="#">2.4.8 Location</a> (Level AAA)	Not evaluated	AAA

Criteria	Conformance Level	Remarks and Explanations
<a href="#">2.4.9 Link Purpose (Link Only)</a> (Level AAA)	Not evaluated	AAA
<a href="#">2.4.10 Section Headings</a> (Level AAA)	Not evaluated	AAA
<a href="#">2.5.5 Target Size</a> (Level AAA 2.1 only)	Not evaluated	AAA
<a href="#">2.5.6 Concurrent Input Mechanisms</a> (Level AAA 2.1 only)	Not evaluated	AAA
<a href="#">3.1.3 Unusual Words</a> (Level AAA)	Not evaluated	AAA
<a href="#">3.1.4 Abbreviations</a> (Level AAA)	Not evaluated	AAA
<a href="#">3.1.5 Reading Level</a> (Level AAA)	Not evaluated	AAA
<a href="#">3.1.6 Pronunciation</a> (Level AAA)	Not evaluated	AAA
<a href="#">3.2.5 Change on Request</a> (Level AAA)	Not evaluated	AAA
<a href="#">3.3.5 Help</a> (Level AAA)	Not evaluated	AAA
<a href="#">3.3.6 Error Prevention (All)</a> (Level AAA)	Not evaluated	AAA

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