

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
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (No)
Web Content Accessibility Guidelines 2.1	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
1.1.1 Non-text Content (Level A)	Supports	
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Supports	No time-based media
1.2.2 Captions (Prerecorded) (Level A)	Supports	No time-based media
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Supports	No time-based media
1.3.1 Info and Relationships (Level A)	Supports	
1.3.2 Meaningful Sequence (Level A)	Supports	
1.3.3 Sensory Characteristics (Level A)	Supports	
1.4.1 Use of Color (Level A)	Supports	
1.4.2 Audio Control (Level A)	Supports	No time-based media
2.1.1 Keyboard (Level A)	Supports	
2.1.2 No Keyboard Trap (Level A)	Supports	
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Supports	
2.2.1 Timing Adjustable (Level A)	Supports	LMS preference
2.2.2 Pause, Stop, Hide (Level A)	Supports	No time-based media
2.3.1 Three Flashes or Below Threshold (Level A)	Supports	
2.4.1 Bypass Blocks (Level A)	Supports	Navigate to menu bar and status bar: VoiceOver: VO + M ; Keyboard: ^F2 (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
2.4.2 Page Titled (Level A)	Supports	
2.4.3 Focus Order (Level A)	Supports	
2.4.4 Link Purpose (In Context) (Level A)	Supports	
2.5.1 Pointer Gestures (Level A 2.1 only)	Not applicable	See iOS version for touch optimization
2.5.2 Pointer Cancellation (Level A 2.1 only)	Not applicable	See iOS version for touch optimization
2.5.3 Label in Name (Level A 2.1 only)	Supports	

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

Table 2: Success Criteria, Level AA

Notes:

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

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

Table 3: Success Criteria, Level AAA

Notes:

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

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

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