# Red Hat Accessibility Conformance Report

Based on VPAT<sup>1</sup> ® Version 2.4

#### Name of Product/Version:

Red Hat JBoss Enterprise Application Platform 8.0 - Web Console

### Report Date:

February 13, 2024

## **Product Description:**

Red Hat® JBoss® Enterprise Application Platform 8 is an application server that serves as a middleware platform and is built on open standards and compliant with the Jakarta EE 10 specification. JBoss EAP provides preconfigured options for features such as high-availability clustering, messaging, and distributed caching. It also enables users to write, deploy, and run applications using the various APIs and services that JBoss EAP provides. JBoss EAP includes a modular structure that allows service enabling only when required, improving startup speed. The web-based management console and management command line interface (CLI) make editing XML configuration files unnecessary and add the ability to script and automate tasks. In addition, JBoss EAP includes APIs and development frameworks for quickly developing secure and scalable Jakarta EE applications.

#### **Contact Information:**

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#### Notes:

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#### **Evaluation Methods Used:**

Testing is based on general product knowledge, and various automated tools including screen readers, Firefox Accessibility Validator, text-to-speech/speech to text, and others.

<sup>&</sup>lt;sup>1</sup> "Voluntary Product Accessibility Template" and "VPAT" are registered service marks of the Information Technology Industry Council (ITI)

## 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)
Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018	(Yes)

#### 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 2.0 Report

Tables 1 and 2 also document conformance with:

- Chapter 5 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.0 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

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Supports Electronic Docs: Software: Authoring Tool:
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Not applicable Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: Red Hat JBoss EAP does not utilize multimedia content Electronic Docs: Software: Authoring Tool:
1.2.2 Captions (Prerecorded) (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Not applicable Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: Red Hat JBoss EAP does not utilize audio content Electronic Docs: Software: Authoring Tool:
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Not applicable Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: Red Hat JBoss EAP does not utilize time-based media Electronic Docs: Software: Authoring Tool:
1.3.1 Info and Relationships (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:
1.3.2 Meaningful Sequence (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)	Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:

<ul><li>504.2 (Authoring Tool)</li><li>602.3 (Support Docs)</li></ul>		
1.3.3 Sensory Characteristics (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:
1.4.1 Use of Color (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:
1.4.2 Audio Control (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Not applicable Electronic Docs: Not applicable Software: Supports Not applicable Authoring Tool: Not applicable	Web: Red Hat JBoss EAP does not utilize audio content Electronic Docs: Software: Authoring Tool:
2.1.1 Keyboard (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Partially Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Red Hat JBoss EAP provides access to most functions via keyboard action, with some exceptions. Electronic Docs: Software: Authoring Tool:
2.1.2 No Keyboard Trap (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Does not support Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Red Hat JBoss EAP provides access to most functions Electronic Docs: Software: Authoring Tool:
2.2.1 Timing Adjustable (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Not applicable Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: Red Hat JBoss EAP does not provide any time limited operations. Electronic Docs: Software: Authoring Tool:
2.2.2 Pause, Stop, Hide (Level A) Also applies to:	Web: Supports Electronic Docs: Not	Web: Red Hat JBoss EAP does not utilize any moving, blinking, or

Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	applicable Software: Not applicable Authoring Tool: Not applicable	scrolling information. Electronic Docs: Software: Authoring Tool:
2.3.1 Three Flashes or Below Threshold (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Not applicable Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: Red Hat JBoss EAP does not utilize flashing elements. Electronic Docs: Software: Authoring Tool:
2.4.1 Bypass Blocks (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software) – Does not apply to non-web software  • 504.2 (Authoring Tool)  • 602.3 (Support Docs) – Does not apply to non-web docs	Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:
2.4.2 Page Titled (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:
2.4.3 Focus Order (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:
2.4.4 Link Purpose (In Context) (Level A)  Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Partially Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Red Hat JBoss EAP incorporates various link names and text are reused in a single view, for example the "homepage" "start" links, and the context cannot be determined from the link or programmatically from the document structure.  Electronic Docs:

		Software: Authoring Tool:
3.1.1 Language of Page (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Partially Supports Electronic Docs: Supports Software: Partially Supports Authoring Tool: Not applicable	Web: Red Hat JBoss EAP provides the correct "en" for its default language but does not correctly indicate this metadata for alternative language selections. Electronic Docs: Software: Authoring Tool:
3.2.1 On Focus (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:
3.2.2 On Input (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Supports Electronic Docs: Not applicable Software: Supports Authoring Tool: Not applicable	Web: Electronic Docs: Red Hat JBoss EAP support documentation does not provide interactive features requiring user input. Software: Authoring Tool:
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Supports Electronic Docs: Not applicable Software: Supports Authoring Tool: Not applicable	Web: Electronic Docs: Red Hat JBoss EAP support documentation does not provide interactive features requiring user input. Software: Authoring Tool:
3.3.2 Labels or Instructions (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Supports Electronic Docs: Not applicable Software: Supports Authoring Tool: Not applicable	Web: Electronic Docs: Red Hat JBoss EAP support documentation does not provide interactive features requiring user input. Software: Authoring Tool:
4.1.1 Parsing (Level A) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:
4.1.2 Name, Role, Value (Level A)	Web: Supports	Web:

Also applies to:  Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)	Electronic Docs: Not applicable Software: Supports Authoring Tool: Not	Electronic Docs: Software: Authoring Tool:	
<ul> <li>602.3 (Support Docs)</li> </ul>	applicable		

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Not applicable Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Not applicable Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:
1.4.3 Contrast (Minimum) (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Does not Support Electronic Docs: Supports Software: Does not Support Authoring Tool: Not applicable	Web: There are several instances of low-contrast text throughout Red Hat JBoss EAP. Electronic Docs: Software: Authoring Tool:
1.4.4 Resize text (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:
1.4.5 Images of Text (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)	Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Red Hat JBoss EAP is almost exclusively text based and makes very little use of images. Electronic Docs: Red Hat JBoss EAP support documentation is

• 602.3 (Support Docs)		almost exclusively text based and makes very little use of images. Software: Authoring Tool:
2.4.5 Multiple Ways (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software) – Does not apply to non-web software  • 504.2 (Authoring Tool)  • 602.3 (Support Docs) – Does not apply to non-web docs	Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:
2.4.6 Headings and Labels (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:
2.4.7 Focus Visible (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Partially Supports Electronic Docs: Software: Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:
3.1.2 Language of Parts (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Supports Electronic Docs: Supports Software: Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:
3.2.3 Consistent Navigation (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software) – Does not apply to non-web software  • 504.2 (Authoring Tool)  • 602.3 (Support Docs) – Does not apply to non-web docs	Web: Supports Electronic Docs: Supports Software: Supports Authoring Tool: Not applicable	Web: Electronic Docs: Software: Authoring Tool:
3.2.4 Consistent Identification (Level AA)	Web: Supports Electronic Docs: Supports	Web: Electronic Docs:

Also applies to: Revised Section 508  • 501 (Web)(Software) – Does not apply to non-web software  • 504.2 (Authoring Tool)  • 602.3 (Support Docs) – Does not apply to non-web docs	Software: Supports Authoring Tool: Not applicable	Software: Authoring Tool:
3.3.3 Error Suggestion (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Supports Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: Electronic Docs: Red Hat JBoss EAP support documentation does not provide interactive features requiring user input. Software: Authoring Tool:
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) Also applies to: Revised Section 508  • 501 (Web)(Software)  • 504.2 (Authoring Tool)  • 602.3 (Support Docs)	Web: Not applicable Electronic Docs: Not applicable Software: Not applicable Authoring Tool: Not applicable	Web: Red Hat JBoss EAP does not provide opportunities for legal commitments, financial transactions, and does not directly interact with data held in user data storage systems.  Electronic Docs: Red Hat JBoss EAP support documentation does not provide interactive features requiring user input.  Software: Authoring Tool:

# Revised Section 508 Report

Notes:

Chapter 3: <u>Functional Performance Criteria</u> (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Supports	Tested with ChromeVox - chrome web reader. Clearly read web page contents, web form items, web dialogs, and so on.
302.2 With Limited Vision	Supports	Tested with platform independent program -

		<u>Virtual Magnifying Glass</u> .
302.3 Without Perception of Color	Supports	Red Hat JBoss EAP primary presentation is text and color indicators are always paired with equivalent uncolored text.
302.4 Without Hearing	Not applicable	Red Hat JBoss EAP does not require user hearing.
302.5 With Limited Hearing	Not applicable	Red Hat JBoss EAP does not require user hearing.
302.6 Without Speech	Not applicable	Red Hat JBoss EAP does not require speech input, control, or operation.
302.7 With Limited Manipulation	Supports	Red Hat JBoss EAP has been tested with <u>Simon</u> speech recognition.
302.8 With Limited Reach and Strength	Supports	Red Hat JBoss EAP has been tested with <u>Simon</u> speech recognition.
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	Red Hat JBoss EAP provides simplified labels and prompts, guided wizards for complex tasks, and relationship-oriented presentation.

## Chapter 4: <u>Hardware</u>

Notes:

THIS SECTION HAS BEEN OMITTED -- these requirements are not applicable to the product, Red Hat JBoss EAP is not hardware per 508 Chapter 2 (Scoping Requirements), 255 Chapter 2 (Scoping Requirements).

## Chapter 5: Software

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.0 section	See information in WCAG 2.0 section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
502.2.2 No Disruption of Accessibility Features	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.

502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
502.3.2 Modification of Object Information	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
502.3.3 Row, Column, and Headers	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
502.3.4 Values	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
502.3.5 Modification of Values	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
502.3.6 Label Relationships	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
502.3.7 Hierarchical Relationships	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
502.3.8 Text	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
502.3.9 Modification of Text	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
502.3.10 List of Actions	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
502.3.11 Actions on Objects	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
502.3.12 Focus Cursor	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
502.3.13 Modification of Focus Cursor	Not applicable	Red Hat JBoss EAP is a web application that does not have access

		to platform accessibility services.
502.3.14 Event Notification	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
502.4 Platform Accessibility Features	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
503 Applications	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
503.3 Alternative User Interfaces	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
503.4 User Controls for Captions and Audio Description	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
503.4.2 Audio Description Controls	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
504 Authoring Tools	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter "not applicable")	See WCAG 2.0 section	See information in WCAG 2.0 section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
504.2.2 PDF Export	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
504.3 Prompts	Not applicable	Red Hat JBoss EAP is a web application that does not have access to platform accessibility services.
504.4 Templates	Not applicable	Red Hat JBoss EAP is a web application that does not have access

to platform accessibility services.

#### Chapter 6: <u>Support Documentation and Services</u>

Notes:

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Does not support	Red Hat JBoss EAP documentation does not explain how to use accessibility or compatibility features.
602.3 Electronic Support Documentation	See WCAG 2.0 section	See information in WCAG 2.0 section
602.4 Alternate Formats for Non-Electronic Support Documentation	Not applicable	Red Hat JBoss EAP support documentation is provided in electronic formats.
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Supports	Red Hat JBoss EAP phone and web based support services explain how to use accessibility or compatibility features.
603.3 Accommodation of Communication Needs	Supports	Red Hat JBoss EAP support services are provided via disability accessible phone and web systems.

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