Red Hat AMQ Broker Accessibility Conformance Report

Revised Section 508 Edition

VPAT® Version 2.3 (Revised) – April 2019

Name of Product/Version: Red Hat® AMQ Broker version 7

Product Description: Red Hat AMQ Broker is a fast, lightweight, flexible, and secure messaging platform that is based on ActiveMQ Artemis and uses an asynchronous journal for faster message persistence.

Report Date: 30 March 2020

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Notes:

Evaluation Methods Used: Testing is based on general product knowledge.

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 (Yes)
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: Partially Supports Electronic Docs: Partially Supports	Some AMQ documents do not include alternative text for non-text content.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to:Also applies to: Revised Section 508 ● 501 (Web) (Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs)	Web: Not Applicable Electronic Docs: Not Applicable	
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	
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	
1.3.1 Info and Relationships (Level A) Also applies to: Revised Section 508 ● 501 (Web) (Software) ● 504.2 (Authoring Tool)	Web: Partially Supports Electronic Docs: Partially Supports	Documentation sections are clearly labeled and numbered. Some UI icons do not provide alternative text.

● 602.3 (Support Docs)		

1.3.2 Meaningful Sequence (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	

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: Not Applicable
	Electronic Docs: Not Applicable	

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: Partially Supports
	Electronic Docs: Supports	

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	

2.1.1 Keyboard (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: Not Applicable
		Some elements may not be accessible via keyboard.

2.1.2 No Keyboard Trap (Level A) Also applies to: Revised Section 508	Web: Does Not Support Electronic Docs: Supports	

• 501 (Web) (Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		
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: Partially Supports Electronic Docs: Not Applicable	
2.2.2 Pause, Stop, Hide (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: Not Applicable	
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: Does Not Support Electronic Docs: Not Applicable	
2.4.1 Bypass Blocks (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: Does Not Support	
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: Partially Supports Electronic Docs: Supports	

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: Partially Supports Electronic Docs: Supports	
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	
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: Not Applicable Electronic Docs: Does Not Support	
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: Not Applicable	
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	
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508	Web: Supports Electronic Docs: Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
• 501 (Web) (Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		
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	
4.1.1 Parsing (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	
4.1.2 Name, Role, Value (Level A) Also applies to: Revised Section 508 • 501 (Web) (Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially Supports Electronic Docs: Not 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	
1.2.5 Audio Description (Prerecorded) (Level AA)	Web: Not Applicable Electronic Docs: Not Applicable	

Also applies to:Also applies to: Revised Section 508 • 501 (Web) (Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		
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: Partially Supports Electronic Docs: Supports	
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: Partially Supports Electronic Docs: Supports	Scrolling and navigation may be limited when resizing text. Text may be truncated in some cases.
1.4.5 Images of Text (Level AA) Also applies to: Revised Section 508 • 501 (Web) (Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Web: Partially Supports Electronic Docs: Not Applicable	
2.4.5 Multiple Ways (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	
2.4.6 Headings and Labels (Level AA) Also applies to: Revised Section 508 • 501 (Web) (Software) • 504.2 (Authoring Tool)	Web: Partially Supports Electronic Docs: Supports	

• 602.3 (Support Docs)		

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: Supports	

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: Does Not Support
	Electronic Docs: Does Not Support	

3.2.3 Consistent Navigation (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	

3.2.4 Consistent Identification (Level AA)
Also applies to:
Revised Section 508
    • 501 (Web) (Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Web: Partially Supports
	Electronic Docs: Partially Supports
		Some icons that are presented in multiple AMQ documents do not provide consistent alternative text.

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	

3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Web: Not Applicable Electronic Docs: Not Applicable	

Also applies to: Revised Section 508 ● 501 (Web) (Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs)		

Table 3: Success Criteria, Level AAA

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Not Applicable	
1.2.7 Extended Audio Description (Prerecorded) (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Not Applicable	
1.2.8 Media Alternative (Prerecorded) (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Not Applicable	
1.2.9 Audio-only (Live) (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Not Applicable	
1.4.6 Contrast Enhanced (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Does Not Support	
1.4.7 Low or No Background Audio (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Not Applicable	

1.4.8 Visual Presentation (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Partially Supports	Font size can be adjusted by the user when viewing AMQ documentation.
1.4.9 Images of Text (No Exception) Control (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web:Does Not Support	
2.1.3 Keyboard (No Exception) (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Does Not Support	
2.2.3 No Timing (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Partially Supports	
2.2.4 Interruptions (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Does Not Support	
2.2.5 Re-authenticating (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Supports	
2.3.2 Three Flashes (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Supports	
2.4.8 Location (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Supports	
2.4.9 Link Purpose (Link Only) (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Does Not Support	
2.4.10 Section Headings (Level AAA)	Web: Does Not Support	The console does not provide embedded

Also applies to: Revised Section 508 – Does not apply		help.
3.1.3 Unusual Words (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Does Not Support	
3.1.4 Abbreviations (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Does Not Support	
3.1.5 Reading Level (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Not Evaluated	
3.1.6 Pronunciation (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Does Not Support	
3.2.5 Change on Request (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Partially Supports	Toast notifications in the console cannot be suppressed.
3.3.5 Help (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Does Not Support	The console does not provide embedded help.
3.3.6 Error Prevention (All) (Level AAA) Also applies to: Revised Section 508 – Does not apply	Web: Supports	

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Chapter 3: [Functional Performance Criteria](#) (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Does Not Support	
302.2 With Limited Vision	Partially Supports	The product supports standard browser magnification.
302.3 Without Perception of Color	Partially Supports	
302.4 Without Hearing	Not Applicable	The product does not include audio-only features.
302.5 With Limited Hearing	Not Applicable	The product does not include audio-only features.
302.6 Without Speech	Not Applicable	The product does not include audio-only features.
302.7 With Limited Manipulation	Supports	The product supports standard input mechanisms such as user-provided keyboards and pointing devices. Usage of the product does not require fine motor controls nor simultaneous actions.
302.8 With Limited Reach and Strength	Not Applicable	
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially Supports	The product features easy-to-read content, but also presumes technical IT knowledge.

Chapter 4: [Hardware](#)

Note: The product is a software application and is not subject to the requirements of this section.

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	Does Not Support	
502.2.2 No Disruption of Accessibility Features	Does Not Support	
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Does Not Support	
502.3.2 Modification of Object Information	Does Not Support	
502.3.3 Row, Column, and Headers	Does Not Support	
502.3.4 Values	Does Not Support	
502.3.5 Modification of Values	Does Not Support	
502.3.6 Label Relationships	Does Not Support	
502.3.7 Hierarchical Relationships	Does Not Support	
502.3.8 Text	Does Not Support	
502.3.9 Modification of Text	Does Not Support	
502.3.10 List of Actions	Does Not Support	
502.3.11 Actions on Objects	Does Not Support	
502.3.12 Focus Cursor	Does Not Support	

502.3.13 Modification of Focus Cursor	Does Not Support	
502.3.14 Event Notification	Does Not Support	
502.4 Platform Accessibility Features	Not Applicable	The product is not considered platform software, but relies on the browser in use as the platform.
503 Applications	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Partially Supports	The product respects some user preferences from platform or OS settings.
503.3 Alternative User Interfaces	Not Applicable	The product does not provide any alternative user interfaces that function as assistive technology.
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	The product does not feature any synchronized media.
503.4.2 Audio Description Controls	Not Applicable	The product does not feature any synchronized media.
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	
504.2.2 PDF Export	Not Applicable	
504.3 Prompts	Does Not Support	
504.4 Templates	Does Not Support	

Chapter 6: Support Documentation and Services

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	Product documentation does not explain how to use accessibility and 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	Does Not Support	The product does not provide non-electronic documentation
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Does Not Support	See 602.2 (does not support)
603.3 Accommodation of Communication Needs	Does Not Support	

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