Liferay Accessibility Conformance Report

VPAT® Version 2.4 - July 2021

Liferay Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.4)

Name of Product/Version: Liferay DXP 7.3

Report Date: July 8, 2021

Product Description: One platform to solve the complex needs of your organization and provide exceptional user experiences at every touchpoint.

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Notes:

Evaluation Methods Used: Conformance to the listed accessibility standards has been evaluated by Liferay using a combination of automated static analysis tools and manual testing with assistive technologies (screen readers, screen magnifiers, speech recognition software).

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 Revised Section 508:

- 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

Notes:

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	Web: Liferay DXP provides sufficient text alternatives to user interaction within the default product.
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: Supports	Web: Liferay DXP does not contain pre-recorded audio-only or video-only assets or interactions

[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: Supports	Web: Liferay DXP does not provide captions for pre-recorded content. Any content uploaded to the system must contain or support captions.
[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: Supports	Web: Liferay DXP does not contain any pre-recorded content.
[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	Web: Liferay DXP uses semantic markup to aid in screen reader navigation, labeling tables, data is presented via tables, and presentation icons are marked.
[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: Supports	Web: Liferay DXP uses semantic markup to create a consistent meaningful sequence for pages regardless of method.
[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	Web: Liferay DXP does not have elements that require the recognition of size, shape, or sound of specific objects to function.
[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	Web: Liferay DXP does not use color to solely convey meaning.

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[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: Supports	Web: Liferay DXP does not contain audio that plays automatically.
[2.1.1 Keyboard](#) (Level A) Also applies to: Revised Section 508 ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs)	Web: Supports	Web: Liferay DXP allows for full navigation of menus via keyboard without special modifications
[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: Supports	Web: Product focus can be moved away using a keyboard.
[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: Supports	Web: Liferay DXP does not contain time limits.
[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: Supports	Web: Liferay DXP does not contain elements that, pause, stop, or auto-update
[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: Supports	Web: Liferay DXP does not contain flashing elements.

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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	Web: Liferay DXP implements GoToContent links on all pages and has APIs for quick navigation.
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	Web: Page titles are derived from administrator input and are text only.
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	Web: Focus in Liferay DXP follows page layouts and programmatic headers and tags to maintain meaningful order and layout.
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: Supports	Web: The purpose of each link can be determined from the link text alone or from the link text together with its programmatically determined link context, except where the purpose of the link would be ambiguous to users in general.
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: Supports	Web: The language is programmatically determinable within the product.
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	Web: Components do not initiate a change of context on focus

[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	Web: Components do not initiate a change of context on input
[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	Web: If an input error is automatically detected, the item that is in error is identified and the error is described to the user in text.
[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	Web: Labels or instructions are provided as part of user input.
[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	Web: Parsing errors were not observed in embedded markup.
[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: Supports	Web: Name, role, and values are exposed programmatically.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations

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[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: Supports	Web: Product contains no videos or live synchronized media
[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: Supports	Web: The product does not contain prerecorded video content that would require audio description.
[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: Supports	Web: Text in Liferay DXP meets minimum contrast requirements
[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	Web: Liferay DXP allows browser zoom to resize text up to 200 percent without loss of content or functionality for most pages.
[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: Supports	Web: Liferay DXP uses text in all areas, with the exception of branding items.
[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	Web: Multiple ways exist to locate each page within the product, except where those pages are steps in a process.

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[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	Web: Headings and labels are descriptive.
[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: Supports	Web: Focusable elements have a visible keyboard status indicator.
[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	Web: Content is only displayed in one language at a time and is programmatically determinable.
[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	Web: Repeated navigation items are presented in a consistent order.
[3.2.4 Consistent Identification](#) (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	Web: Components on a page follow a consistent identification scheme.
[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	Web: Errors due to input by the user are detected and suggestions for correction are presented

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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: Supports	Web: Web page does not present legal commitments or financial transactions. User-submitted data can be changed.

Table 3: Success Criteria, Level AAA

Notes: Not Applicable

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Notes:

Chapter 3: Functional Performance Criteria (FPC)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Does Not Support	Web: No functionality is in place to improve usability by users without vision.
302.2 With Limited Vision	Supports	Web: Liferay DXP supports standard browser magnification and contrast adjustments.
302.3 Without Perception of Color	Supports	Web: Liferay components do not use color to primarily differentiate choices or options and have text to describe and accompany those options.
302.4 Without Hearing	Supports	Web: Liferay DXP components do not require the use of hearing. All video content is end user uploaded.
302.5 With Limited Hearing	Supports	Web: Liferay DXP components do not require the use of hearing. All video content is end user uploaded.

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302.6 Without Speech	Supports	Web: Liferay DXP does not require the use of speech.
302.7 With Limited Manipulation	Supports	Web: Liferay DXP is usable for those with limited manipulation
302.8 With Limited Reach and Strength	Supports	Web: Liferay DXP provides keyboard based interaction that does not require reach or strength to interact with the system.
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially Supports	Web: Liferay DXP is consistent in regards to how it layout elements, terminology, and colors, and maintains consistent and predictable interactions for those with limited language, cognitive, and learning abilities.

Chapter 4: Hardware

Notes: Not Applicable

Chapter 5: Software

Notes: Not Applicable

Chapter 6: Support Documentation and Services

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		
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		
[603 Support Services](#)	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features		
603.3 Accommodation of Communication Needs		

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