

VMware Accessibility Conformance Report for Clarity Design System

Version 0.10

January 22, 2018

VPAT® Version 2.0 – October 2017

Product Description:

Clarity Design System is an open source design system that brings together UX guidelines, an HTML/CSS framework, and Angular components. Clarity is for both designers and developers.

Clarity designs stem from continuous exploration and research. These designs are built into our HTML/CSS components, which can be used any web UI, regardless of the underlying JavaScript framework. Clarity also offers a set of well-designed and implemented data-bound components built on top of Angular, one of the most popular JavaScript frameworks in the industry.

**VMware, Inc. 3401 Hillview Avenue Palo Alto CA 94304 USA Tel 877-486-9273 Fax 650-427-5001
www.vmware.com**

Copyright © 2018 VMware, Inc. All rights reserved. [Copyright and trademark information](#).

Contents

About this Accessibility Conformance Report	3
Notes	3
Evaluation Methods Used	3
Test tools	3
Auxiliary Test Tools	3
Applicable Standards/Guidelines	4
Terms	4
WCAG 2.0 Report	5
Table 1: Success Criteria, Level A	5
Table 2: Success Criteria, Level AA	14
2017 Section 508 Report	19
Chapter 3: Functional Performance Criteria (FPC)	19
Chapter 5: Software	20
Chapter 6: Support Documentation and Services	20
EN 301 549 Report	21
Chapter 4: 4.2 Functional Performance Statements (FPS)	21
Chapter 9: Web (see WCAG 2.0 section)	22
Chapter 11: Software	22
Chapter 12: Documentation and Support Services	23

About this Accessibility Conformance Report

Notes

For more information on Clarity Design System, see the following.

- Project Clarity on Github at <https://vmware.github.io/clarity/>
- Clarity Kitchen Sink App at <http://clarity-ks.surge.sh/>
- Clarity Documentation at <https://vmware.github.io/clarity/documentation>
- Clarity issues at <https://github.com/vmware/clarity/issues>

Evaluation Methods Used

We evaluate Clarity Design System using the Clarity Kitchen Sink App built from this toolkit.

Test tools

Tool	Function	Purpose
Inspect	Reveals the Name, Role, State, and Value of software elements	Software & Web testing
Web Accessibility Toolbar (WAT) 2012	Aids in the manual inspection of accessibility-related elements on web pages	Web testing
ARIA Markup Favelet	Highlights all ARIA code on a page	Web testing
Frames Favelet	Marks up frames and iframes on a page with name/title	Web testing
Named Anchor Bookmarklet	Highlights a skip link's target (anchor) on a page	Web testing

Auxiliary Test Tools

Screen Reader: NVDA, Windows Start Narrator

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, at http://www.w3.org/TR/2008/REC-WCAG20-20081211/	Level A (Yes) Level AA (Yes) Level AAA (No)
Section 508 as published in 2017, at http://www.Section508.gov	(Yes)
EN 301 549 Accessibility requirements suitable for public procurement of ICT products and services in Europe, at http://mandate376.standards.eu/standard	(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.

Supports with Exceptions: 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.

WCAG 2.0 Report

Tables 1 and 2 also document conformance with:

- EN 301 549: Chapter 9 - Web, Chapter 10 - Non-Web documents, Section 11.2.1- Non-Web Software (excluding closed functionality), and Section 11.2.2 - Non-Web Software (closed functionality).
- Revised Section 508: Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing, and Chapter 6 – 602.3 Electronic Support Documentation.

Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
<p><u>1.1.1 Non-text Content</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.1 (Web) • 10.2.1 (non-web document) • 11.2.1.1 (Software) • 11.2.2.1 (Closed Functionality Software) • 11.6.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Not Applicable</p> <p>Closed: Not Applicable</p> <p>Authoring Tool: Supports</p>	<p>Web: All non-text content that is presented to the user has a text alternative in Clarity Kitchen Sink App.</p> <p>Electronic Docs: All non-text content that is presented to the user has a text alternative in electronic Docs.</p> <p>Authoring Tool: Clarity Design System supports to add a text alternative for Non-text content.</p>
<p><u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> • 9.2.2 (Web) • 10.2.2 (non-web document) • 11.2.1.2 (Software) • 11.2.2.2.1 and 11.2.2.2.2 (Closed Software) • 11.6.2 (Authoring Tool) • 12.1.2 (Product Docs) • 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) 	<p>Web: Not Applicable</p> <p>Electronic Docs: Not Applicable</p> <p>Software: Not Applicable</p> <p>Closed: Not Applicable</p> <p>Authoring Tool: Not Applicable</p>	<p>Clarity Kitchen Sink App does not have audio or video content.</p>

Criteria	Conformance Level	Remarks and Explanations
<u>1.2.2 Captions (Prerecorded)</u> (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.3 (Web) 10.2.3 (non-web document) 11.2.1.3 (Software) 11.2.2.3 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 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	Clarity Kitchen Sink App does not have audio or video content.
<u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.4 (Web) 10.2.4 (non-web document) 11.2.1.4 (Software) 11.2.2.4 (Closed Software) 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Web: Not Applicable Electronic Docs: Not Applicable Software: Not Applicable Closed: Not Applicable Authoring Tool: Not Applicable	Clarity Kitchen Sink App does not have audio or video content.
<u>1.3.1 Info and Relationships</u> (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.7 (Web) 10.2.7 (non-web document) 11.2.1.7 (Software) 11.2.2.7 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Web: Supports Electronic Docs: Supports Software: Not Applicable Closed: Not Applicable Authoring Tool: Supports	Web: In Clarity Kitchen Sink App, information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. Electronic Docs: In Support Docs, information, structure, and relationships conveyed through presentation can be programmatically determined or are available in text. Authoring Tool: Website's content designed by Clarity Design System can be programmatically determined or is

Criteria	Conformance Level	Remarks and Explanations
		available in text.
<p><u>1.3.2 Meaningful Sequence</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.8 (Web) 10.2.8 (non-web document) 11.2.1.8 (Software) 11.2.2.8 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Not Applicable</p> <p>Software: Not Applicable</p> <p>Authoring Tool: Supports</p>	<p>Web: Correct and meaningful reading sequences are programmatically determined in Clarity Kitchen Sink App.</p> <p>Authoring Tool: Correct and meaningful reading sequences can be programmatically determined by Clarity Design System.</p>
<p><u>1.3.3 Sensory Characteristics</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.9 (Web) 10.2.9 (non-web document) 11.2.1.9 (Software) 11.2.2.9 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Not Applicable</p> <p>Software: Not Applicable</p> <p>Authoring Tool: Not Applicable</p>	<p>Web: Instructions in Clarity Kitchen Sink App do not rely on shape, size, or visual location.</p>
<p><u>1.4.1 Use of Color</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.10 (Web) 10.2.10 (non-web document) 11.2.1.10 (Software) 11.2.2.10 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Not Applicable</p> <p>Authoring Tool: Not Applicable</p>	<p>Web: Color is not used as the only visual means of conveying information in Clarity Kitchen Sink App.</p> <p>Electronic Docs: Color is not used as the only visual means of conveying information in electronic docs.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) 		
1.4.2 Audio Control (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.11 (Web) 10.2.11 (non-web document) 11.2.1.11 (Software) 11.2.2.11 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 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	Clarity Kitchen Sink App does not have audio or video content.
2.1.1 Keyboard (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.15 (Web) 10.2.15 (non-web document) 11.2.1.15 (Software) 11.2.2.15 (Closed Software) 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Web: Supports Electronic Docs: Supports Software: Not Applicable Closed: Not Applicable Authoring Tool: Supports	Web: Clarity Kitchen Sink App's interfaces are keyboard accessible. Electronic Docs: All functionality of the content is operable through a keyboard interface in support docs. Authoring Tool: Clarity Design System supports to design keyboard accessible interfaces.
2.1.2 No Keyboard Trap (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.16 (Web) 10.2.16 (non-web document) 11.2.1.16 (Software) 11.2.2.16 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Web: Supports Electronic Docs: Supports Software: Not Applicable Authoring Tool: Supports	Web: Keyboard focus is never locked or trapped at one particular page element ensuring the user can navigate to and away from all navigable page elements using a keyboard only (using tab and shift tab). Electronic Docs: Keyboard focus is never locked or trapped at one particular page element ensuring the user can navigate to and away from all navigable page elements using a keyboard only (using tab and shift tab). Authoring Tool: Clarity Design System

Criteria	Conformance Level	Remarks and Explanations
		supports to design keyboard accessible interfaces without trap.
<p><u>2.2.1 Timing Adjustable</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.17 (Web) 10.2.17 (non-web document) 11.2.1.17 (Software) 11.2.2.17 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Not Applicable</p> <p>Electronic Docs: Not Applicable</p> <p>Software: Not Applicable</p> <p>Authoring Tool: Not Applicable</p>	<p>There is no timeout in Clarity Kitchen Sink App.</p>
<p><u>2.2.2 Pause, Stop, Hide</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.18 (Web) 10.2.18 (non-web document) 11.2.1.18 (Software) 11.2.2.18 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Not Applicable</p> <p>Software: Not Applicable</p> <p>Authoring Tool: Supports</p>	<p>Web: Moving content lasts longer than 5 seconds can be manually controlled.</p> <p>Authoring Tool: Clarity Design System supports to design manually controlled moving content.</p>
<p><u>2.3.1 Three Flashes or Below Threshold</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.19 (Web) 10.2.19 (non-web document) 11.2.1.19 (Software) 11.2.2.19 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 	<p>Web: Supports</p> <p>Electronic Docs: Not Applicable</p> <p>Software: Not Applicable</p> <p>Authoring Tool: Supports</p>	<p>Web: No elements on the page flash more than three times per second, thus reducing the risk of optically-induced seizures.</p> <p>Authoring Tool: Clarity Design System supports to design elements with safe flash frequency to reduce the risk of optically-induced seizures.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 504.2 (Authoring Tool) 602.3 (Support Docs) 		
<p>2.4.1 Bypass Blocks (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.20 (Web) 10.2.20 (non-web document) – Does not apply 11.2.1.20 (Software) – Does not apply 11.2.2.20 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> 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 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Not Applicable</p> <p>Authoring Tool: Supports</p>	<p>Web: Skip-to-content link is provided on each web page.</p> <p>Electronic Docs: Skip-to-content link is provided on Support Docs.</p> <p>Authoring Tool: Clarity Design System supports to generate skip-to-content link.</p>
<p>2.4.2 Page Titled (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.21 (Web) 10.2.21 (non-web document) 11.2.1.21 (Software) - Does not apply 11.2.2.21 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Not Applicable</p> <p>Authoring Tool: Supports</p>	<p>Web: Web pages have descriptive and informative page titles.</p> <p>Electronic Docs: Support Docs have descriptive and informative page titles.</p> <p>Authoring Tool: Clarity Design System supports to design descriptive and informative page titles.</p>
<p>2.4.3 Focus Order (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.22 (Web) 10.2.22 (non-web document) 11.2.1.22 (Software) 11.2.2.22 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Not Applicable</p> <p>Authoring Tool: Supports</p>	<p>Web: In the Clarity Kitchen Sink App, navigation order of links, form elements, etc., is logical and intuitive.</p> <p>Electronic Docs: The navigation order of links, form elements, etc., is logical and intuitive.</p> <p>Authoring Tool: Clarity design system supports to design elements with correct</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 		focus order.
<u>2.4.4 Link Purpose (In Context)</u> (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.23 (Web) 10.2.23 (non-web document) 11.2.1.23 (Software) 11.2.2.23 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Web: Supports Electronic Docs: Supports Software: Not Applicable Authoring Tool: Supports	Web: Link text alone or the link text and its content (surrounding paragraph, table headers) contain enough information to determine the purpose of each link. Electronic Docs: Link text alone or the link text and its content (surrounding paragraph, table headers) contain enough information to determine the purpose of each link. Authoring Tool: Clarity Design System supports to add Information to determine the purpose of each link.
<u>3.1.1 Language of Page</u> (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.27 (Web) 10.2.27 (non-web document) 11.2.1.27 (Software) 11.2.2.27 (Closed Software) 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Web: Supports Electronic Docs: Supports Software: Not Applicable Authoring Tool: Supports	Web: The language on pages is identified. Electronic Docs: The language on pages is identified. Authoring Tool: Clarity Design System supports to add attribute to identify the page language.
<u>3.2.1 On Focus</u> (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.29 (Web) 10.2.29 (non-web document) 11.2.1.29 (Software) 11.2.2.29 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 	Web: Supports Electronic Docs: Supports Software: Not Applicable Authoring Tool: Supports	Web: When a page element receives focus it does not result in a substantial change on the page, the spawning of a pop-up window, an additional change of keyboard focus, or any other change that could confuse or disorient the user. Electronic Docs: When a page element receives focus it does not result in a substantial change on the page, the spawning of a pop-up window, an

Criteria	Conformance Level	Remarks and Explanations
2017 Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 		additional change of keyboard focus, or any other change that could confuse or disorient the user. Authoring Tool: Clarity Design System supports to design behavior of element when it receives focus.
3.2.2 On Input (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.30 (Web) 10.2.30 (non-web document) 11.2.1.30 (Software) 11.2.2.30 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Web: Supports Electronic Docs: Supports Software: Not Applicable Authoring Tool: Supports	Web: In the Clarity Kitchen Sink App, all form controls have text labels adjacent to them. Form elements have labels associated with them. Users can navigate through the form with their keyboard or Assistive Technology and access the functionality and help required to complete and submit the form, without substantial change to the pages that could disorient the user. Electronic Docs: In the electronic docs, all form controls have text labels adjacent to them. Form elements have labels associated with them. Users can navigate through the form with their keyboard or Assistive Technology and access the functionality and help required to complete and submit the form, without substantial change to the pages that could disorient the user. Authoring Tool: Clarity Design System supports to add markup to web form fields.
3.3.1 Error Identification (Level A) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.33 (Web) 10.2.33 (non-web document) 11.2.1.33 (Software) 11.2.2.33 (Closed Software) 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Web: Supports Electronic Docs: Not Applicable Software: Not Applicable Closed: Not Applicable Authoring Tool: Not Applicable	Web: Validation errors display as plain text.

Criteria	Conformance Level	Remarks and Explanations
<p><u>3.3.2 Labels or Instructions</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.34 (Web) 10.2.34 (non-web document) 11.2.1.34 (Software) 11.2.2.34 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Not Applicable</p> <p>Authoring Tool: Supports</p>	<p>Web: In the Clarity Kitchen Sink App, all form controls have text labels adjacent to them. Form elements have labels associated with them. Users can navigate through the form with their keyboard or Assistive Technology and access the functionality and help required to complete and submit the form.</p> <p>Electronic Docs: In the electronic docs, all form controls have text labels adjacent to them. Form elements have labels associated with them. Users can navigate through the form with their keyboard or Assistive Technology and access the functionality and help required to complete and submit the form.</p> <p>Authoring Tool: Clarity Design System supports to add markup to web form fields.</p>
<p><u>4.1.1 Parsing</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.37 (Web) 10.2.37 (non-web document) 11.2.1.37 (Software) 11.2.2.37 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Not Applicable</p> <p>Software: Not Applicable</p> <p>Closed: Not Applicable</p> <p>Authoring Tool: Supports</p>	<p>Web: Elements have complete start and end tags; elements are nested according to their specifications.</p> <p>Authoring Tool: Clarity Design System supports to add start and end tags to web elements.</p>
<p><u>4.1.2 Name, Role, Value</u> (Level A)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.38 (Web) 10.2.38 (non-web document) 11.2.1.38 (Software) 11.2.2.38 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 	<p>Web: Supports</p> <p>Electronic Docs: Not Applicable</p> <p>Software: Not Applicable</p> <p>Closed: Not Applicable</p>	<p>Web: In the Clarity Kitchen Sink App, all user interface components can be programmatically determined for standard HTML components.</p> <p>Authoring Tool: Clarity Design System supports to add Name, Role and Value attributes to user interface components.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Authoring Tool: Supports	

Table 2: Success Criteria, Level AA

Criteria	Conformance Level	Remarks and Explanations
<u>1.2.4 Captions (Live)</u> (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.5 (Web) 10.2.5 (non-web document) 11.2.1.5 (Software) 11.2.2.5 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 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	Clarity Kitchen Sink App does not have audio or video content.
<u>1.2.5 Audio Description (Prerecorded)</u> (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.6 (Web) 10.2.6 (non-web document) 11.2.1.6 (Software) 11.2.2.6 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 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	Clarity Kitchen Sink App does not have audio or video content.
<u>1.4.3 Contrast (Minimum)</u> (Level AA) Also applies to: EN 301 549 Criteria	Web: Supports Electronic Docs:	Web: All text has a contrast ratio of 4.5:1.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 9.2.12 (Web) 10.2.12 (non-web document) 11.2.1.12 (Software) 11.2.2.12 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Supports</p> <p>Software: Not Applicable</p> <p>Authoring Tool: Supports</p>	<p>Electronic Docs: All text has a contrast ratio of 4.5:1 and a contrast ratio of 3:1 is applied to large text.</p> <p>Authoring Tool: Clarity Design System supports to set text contrast ratio.</p>
<p>1.4.4 Resize text (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.13 (Web) 10.2.13 (non-web document) 11.2.1.13 (Software) 11.2.2.13 (Closed Software) 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Not Applicable</p> <p>Closed: Not Applicable</p> <p>Authoring Tool: Not Applicable</p>	<p>Web: In the Clarity Kitchen Sink App, content is readable when text size is doubled.</p> <p>Electronic Docs: The content of electronic docs is readable when text size is doubled.</p>
<p>1.4.5 Images of Text (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.14 (Web) 10.2.14 (non-web document) 11.2.1.14 (Software) 11.2.2.14 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Not Applicable</p> <p>Closed: Not Applicable</p> <p>Authoring Tool: Not Applicable</p>	<p>Web: When the same visual presentation can be made using text only, an image is not used to present that text in the Clarity Kitchen Sink App.</p> <p>Electronic Docs: When the same visual presentation can be made using text only, an image is not used to present that text in the electronic docs.</p>
<p>2.4.5 Multiple Ways (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.24 (Web) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p>	<p>Web: More than one way is available to locate a Web page in the Clarity Kitchen Sink App.</p>

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> 10.2.24 (non-web document) – Does not apply 11.2.1.24 (Software) – Does not apply 11.2.2.24 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> 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 	<p>Software: Not Applicable</p> <p>Authoring Tool: Supports</p>	<p>Electronic Docs: More than one way is available to locate a Web page.</p> <p>Authoring Tool: Clarity Design System supports to locate a Web page with multiple ways.</p>
<p>2.4.6 Headings and Labels (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.25 (Web) 10.2.25 (non-web document) 11.2.1.25 (Software) 11.2.2.25 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Not Applicable</p> <p>Authoring Tool: Supports</p>	<p>Web: Page headings, labels for forms, and interactive controls are clearly labeled and informative if the structure does not provide adequate differentiation between them.</p> <p>Electronic Docs: Page headings, labels for forms, and interactive controls are clearly labeled and informative if the structure does not provide adequate differentiation between them.</p> <p>Authoring Tool: Clarity Design System supports to design clearly labeled and informative page headings, labels for forms, and interactive controls.</p>
<p>2.4.7 Focus Visible (Level AA)</p> <p>Also applies to:</p> <p>EN 301 549 Criteria</p> <ul style="list-style-type: none"> 9.2.26 (Web) 10.2.26 (non-web document) 11.2.1.26 (Software) 11.2.2.26 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) <p>2017 Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	<p>Web: Supports</p> <p>Electronic Docs: Supports</p> <p>Software: Not Applicable</p> <p>Authoring Tool: Supports</p>	<p>Web: Page elements are visually apparent when using the keyboard. When users tab through a page, users can see where they are on the page.</p> <p>Electronic Docs: Page elements are visually apparent when using the keyboard. When users tab through a page, users can see where they are on the page.</p> <p>Authoring Tool: Clarity Design System supports to design visible visual focus for elements.</p>

Criteria	Conformance Level	Remarks and Explanations
<u>3.1.2 Language of Parts</u> (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.28 (Web) 10.2.28 (non-web document) 11.2.1.28 (Software) – Does not apply 11.2.2.28 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Web: Supports Electronic Docs: Supports Software: Not Applicable Authoring Tool: Supports	Web: Page content language that is in a different language is well identified. Electronic Docs: Page content language that is in a different language is well identified. Authoring Tool: Clarity Design System supports to add attribute to identify the page language.
<u>3.2.3 Consistent Navigation</u> (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.31 (Web) 10.2.31 (non-web document) – Does not apply 11.2.1.31 (Software) – Does not apply 11.2.2.31 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 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: Not Applicable Authoring Tool: Supports	Web: Repeated navigation links on web pages do not change order when navigating through the site. Electronic Docs: Repeated navigation links on web pages do not change order when navigating through the site. Authoring Tool: Clarity Design System supports to design the order of page elements.
<u>3.2.4 Consistent Identification</u> (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.32 (Web) 10.2.32 (non-web document) – Does not apply 11.2.1.32 (Software) – Does not apply 11.2.2.32 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 	Web: Supports Electronic Docs: Supports Software: Not Applicable Authoring Tool: Not Applicable	Web: Elements with the same functionality are consistently identified across web pages of Clarity Kitchen Sink App. Electronic Docs: Elements with the same functionality are consistently identified across electronic docs.

Criteria	Conformance Level	Remarks and Explanations
2017 Section 508 <ul style="list-style-type: none"> 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 		
<u>3.3.3 Error Suggestion</u> (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.35 (Web) 10.2.35 (non-web document) 11.2.1.35 (Software) 11.2.2.35 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 501 (Web)(Software) 504.2 (Authoring Tool) 602.3 (Support Docs) 	Web: Supports Electronic Docs: Supports Software: Not Applicable Authoring Tool: Not Applicable	Web: When most input errors are detected, information is provided as to how to fix the error to allow users to successfully fill out forms in the Clarity Kitchen Sink App. Electronic Docs: When most input errors are detected, information is provided as to how to fix the error to allow users to successfully fill out forms in the electronic docs.
<u>3.3.4 Error Prevention (Legal, Financial, Data)</u> (Level AA) Also applies to: EN 301 549 Criteria <ul style="list-style-type: none"> 9.2.36 (Web) 10.2.36 (non-web document) 11.2.1.36 (Software) 11.2.2.36 (Closed Software) – Does not apply 11.6.2 (Authoring Tool) 12.1.2 (Product Docs) 12.2.4 (Support Docs) 2017 Section 508 <ul style="list-style-type: none"> 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	This criterion is not relevant to Clarity Design System.

2017 Section 508 Report

Chapter 3: Functional Performance Criteria (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Supports	All information provided by the website is either text, labeled markup, or close captioned. Support for screen readers is provided.
302.2 With Limited Vision	Supports	Functionality is provided by the web browser as well as by the font size button functionality of the website. Support for screen readers is provided.
302.3 Without Perception of Color	Supports	When color is used to enhance the visibility of important information, an alternative indicator is used (usually text).
302.4 Without Hearing	Supports	Operation of most websites does not require user hearing, and Clarity Design System can provide the operation information as a plain text.
302.5 With Limited Hearing	Supports	Operation of most websites does not require user hearing, and Clarity Design System can provide the operation information as a plain text.
302.6 Without Speech	Supports	Operation of the website and videos does not require speech.
302.7 With Limited Manipulation	Supports	The website can be navigated with simple keystrokes (e.g., tab, space, alpha keys, Alt) and does not require fine motor controls or simultaneous actions. In addition, the site is compatible with Assistive Technology when available.
302.8 With Limited Reach and Strength	Supports	The website can be navigated with simple keystrokes (e.g., tab, space, alpha keys, Alt) and does not require fine motor controls or simultaneous actions. In addition, the site is compatible with Assistive Technology when available.
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	Upon request, multilingual version product support documentation shall be made available in other printed or online formats that VMware has available at the time of the request.

Chapter 5: Software

Criteria	Conformance Level	Remarks and Explanations
504 Authoring Tools		
504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”)	Supports	See information in WCAG 2.0 section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Supports	See information in WCAG 2.0 section
504.2.2 PDF Export	Not Applicable	Clarity Design System does not have PDF export.
504.3 Prompts	Supports	See information in WCAG 2.0 section
504.4 Templates	Supports	See information in WCAG 2.0 section

Chapter 6: Support Documentation and Services

Criteria	Conformance Level	Remarks and Explanations
602 Support Documentation		
602.2 Accessibility and Compatibility Features	Supports	Upon request, product support documentation shall be made available in other printed or online formats that VMware has available at the time of the request, at no additional charge.
602.3 Electronic Support Documentation	Supports	Upon request, product support documentation shall be made available in other printed or online formats that VMware has available at the time of the request, at no additional charge.
602.4 Alternate Formats for Non-Electronic Support Documentation	Supports	Upon request, product support documentation shall be made available in other printed or online formats that VMware has available at the time of the request, at no additional charge.
603 Support Services		
603.2 Information on Accessibility and Compatibility Features	Supports	Upon request, product support documentation shall be made available in other printed or online formats that VMware has available at the time of the request, at no additional charge.
603.3 Accommodation of Communication Needs	Supports	Upon request, product support documentation shall be made available in other printed or online formats that VMware has available at the time of the request, at no additional charge.

EN 301 549 Report

Chapter 4: 4.2 Functional Performance Statements (FPS)

Criteria	Conformance Level	Remarks and Explanations
4.2.1 Usage without vision	Supports	All information provided by the website is either text, labeled markup, or close captioned. Support for screen readers is provided.
4.2.2 Usage with limited vision	Supports	Functionality is provided by the web browser as well as by the font size button functionality of the website. Support for screen readers is provided.
4.2.3 Usage without perception of color	Supports	When color is used to enhance the visibility of important information, an alternative indicator is used (usually text).
4.2.4 Usage without hearing	Supports	Operation of most websites does not require user hearing, and Clarity Design System can provide the operation information as a plain text.
4.2.5 Usage with limited hearing	Supports	Operation of most websites does not require user hearing, and Clarity Design System can provide the operation information as a plain text.
4.2.6 Usage without vocal capability	Supports	Operation of the website and videos does not require speech.
4.2.7 Usage with limited manipulation or strength	Supports	The website can be navigated with simple keystrokes (e.g., tab, space, alpha keys, Alt) and does not require fine motor controls or simultaneous actions. In addition, the site is compatible with Assistive Technology when available.
4.2.8 Usage with limited reach	Supports	The website can be navigated with simple keystrokes (e.g., tab, space, alpha keys, Alt) and does not require fine motor controls or simultaneous actions. In addition, the site is compatible with Assistive Technology when available.
4.2.9 Minimize photosensitive seizure triggers	Supports	Flash rate can be designed by Clarity Design System, no elements on the page flash more than three times per second, thus reducing the risk of optically-induced seizures.

Criteria	Conformance Level	Remarks and Explanations
4.2.10 Usage with limited cognition	Supports	Upon request, multilingual version product support documentation shall be made available in other printed or online formats that VMware has available at the time of the request.
4.2.11 Privacy	Not Applicable	Clarity Design System is only used for web UI design and development.

Chapter 9: Web (see [WCAG 2.0](#) section)

Chapter 11: Software

Criteria	Conformance Level	Remarks and Explanations
11.6 Authoring tools		
11.6.1 Content technology		
11.6.2 Accessible content creation (if not authoring tool, enter “not applicable”)	Supports	See information in WCAG 2.0 section
11.6.3 Preservation of accessibility information in transformations	Supports	See information in WCAG 2.0 section
11.6.4 Repair assistance	Supports	See information in WCAG 2.0 section
11.6.5 Templates	Supports	See information in WCAG 2.0 section

Chapter 12: Documentation and Support Services

Criteria	Conformance Level	Remarks and Explanations
12.1 Product documentation		
12.1.1 Accessibility and compatibility features	Supports	Upon request, product support documentation shall be made available in other printed or online formats that VMware has available at the time of the request, at no additional charge.
12.1.2 Accessible documentation	Supports	See information in WCAG 2.0 section
12.2 Support Services		
12.2.2 Information on accessibility and compatibility features	Supports	Upon request, product support documentation shall be made available in other printed or online formats that VMware has available at the time of the request, at no additional charge.
12.2.3 Effective communication	Supports	VMware offers a variety of support ways, such as: online help, telephone, human services, etc.
12.2.4 Accessible documentation	Supports	See information in WCAG 2.0 section