



# **Lenovo Accessibility Conformance Report**

## **Revised Section 508 Edition**

VPAT® Version 2.3 – December 2018

**Name of Product/Version: Lenovo XClarity Integrator for VMware vCenter**

**Product Description: Software application**

**Date: 30 October 2020**

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### **Evaluation Methods Used:**

Manual testing is performed on hardware products using a number of different tools to evaluate access by users with disabilities. Chroma optical test: brightness, contrast, color chromaticity tools are used to ensure contrast, a force gauge is used to evaluate key button force. One handed, and non-biometric operation is evaluated alongside stylus and other tools that are used to evaluate use without tight pinching or grasping. Measurement tools and meters are used to measure operable controls while audio meters are used to measure volume and gain. Connection ports are evaluated from design to ensure standard connection points are available. Any transducers designed to be held to the ear are evaluated by an outside laboratory for conformance to non-interference and coupling standards. Additional tests are performed based on applicable features of the product. For software, testing includes using the software as the user would by navigating all screens, built in screen readers are used (if applicable), built in high contrast mode, keyboard accessibility testing, and sticky keys are tested.

# 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 <a href="http://www.w3.org/TR/2008/REC-WCAG20-20081211/">http://www.w3.org/TR/2008/REC-WCAG20-20081211/</a>	Level A (Yes) Level AA (Yes) Level AAA (No)
<a href="#">Revised Section 508 standards</a> as published by the U.S. Access Board in the Federal Register on January 18, 2017 <a href="#">Corrections to the ICT Final Rule</a> as published by the US Access Board in the Federal Register on 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.

# Table 1: Success Criteria, Level A

Criteria	Conformance Level	Remarks and Explanations
<p><b><u>1.1.1 Non-text Content</u></b> (Level A)            Also applies to:            Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports with Exceptions	The application provides text alternatives for all non-text content. Except some charts do not have text alternatives.
<p><b><u>1.2.1 Audio-only and Video-only (Prerecorded)</u></b> (Level A)            Also applies to:            Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Not Applicable	No media capability.
<p><b><u>1.2.2 Captions (Prerecorded)</u></b> (Level A)            Also applies to:            Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Not Applicable	No media capability.
<p><b><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u></b> (Level A)            Also applies to:            Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Not Applicable	No media capability.
<p><b><u>1.3.1 Info and Relationships</u></b> (Level A)            Also applies to:            Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	All information, structure, and relationships are conveyed through presentation and can be programmatically determined or are available in text.
<p><b><u>1.3.2 Meaningful Sequence</u></b> (Level A)            Also applies to:</p>	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>		
<u>1.3.3 Sensory Characteristics</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Instructions do not rely solely on sensory characteristics.
<u>1.4.1 Use of Color</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Color is not used as the only visual means of conveying information.
<u>1.4.2 Audio Control</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Not Applicable	
<u>2.1.1 Keyboard</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports with Exception	Not all functionality of the content is operable through a keyboard interface. Sometimes user need a mouse to set certain software items.
<u>2.1.2 No Keyboard Trap</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	The application does not have keyboard traps.

Criteria	Conformance Level	Remarks and Explanations
<p><a href="#">2.2.1 Timing Adjustable</a> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	The user can control time limits.
<p><a href="#">2.2.2 Pause, Stop, Hide</a> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Not Applicable	
<p><a href="#">2.3.1 Three Flashes or Below Threshold</a> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	The application does not have any flashing.
<p><a href="#">2.4.1 Bypass Blocks</a> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software) – Does not apply to non-web software</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Supports	The application does not replicate the same block of content on each page. The pages are dynamically loaded.
<p><a href="#">2.4.2 Page Titled</a> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Pages have titles that describe the purpose.
<p><a href="#">2.4.3 Focus Order</a> (Level A)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> </ul>	Supports	The application has keyboard focus.

Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>		
<p><b><u>2.4.4 Link Purpose (In Context)</u></b> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	There is no ambiguity in the design of links or what they are for. Links will take users to pages that are clearly understood.
<p><b><u>3.1.1 Language of Page</u></b> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	The language can be programmatically determined.
<p><b><u>3.2.1 On Focus</u></b> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Focus item does not change context.
<p><b><u>3.2.2 On Input</u></b> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Each feature setting is clearly labeled as to what is able to control.
<p><b><u>3.3.1 Error Identification</u></b> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	If an input error is automatically detected, the error is described to the user in text.
<p><b><u>3.3.2 Labels or Instructions</u></b> (Level A)</p> <p>Also applies to:</p>	Supports	Each feature is labeled for its intent and control options.

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>		
<b>4.1.1 Parsing</b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Supports	
<b>4.1.2 Name, Role, Value</b> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Supports	For all user interface components the name and role can be programmatically determined.

**Table 2: Success Criteria, Level AA**

Notes:

Criteria	Conformance Level	Remarks and Explanations
<b>1.2.4 Captions (Live)</b> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Supports	Application does not have live audio content.
<b>1.2.5 Audio Description (Prerecorded)</b> (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Supports	Application does not have prerecorded video content.

Criteria	Conformance Level	Remarks and Explanations
<p><b><u>1.4.3 Contrast (Minimum)</u></b> (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Meets minimum contrast requirements.
<p><b><u>1.4.4 Resize text</u></b> (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Text can be resized.
<p><b><u>1.4.5 Images of Text</u></b> (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	The application does not have images of text.
<p><b><u>2.4.5 Multiple Ways</u></b> (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software) – Does not apply to non-web software</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Supports	Application provides multiple ways to get to desired content.
<p><b><u>2.4.6 Headings and Labels</u></b> (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> <li>• 504.2 (Authoring Tool)</li> <li>• 602.3 (Support Docs)</li> </ul>	Supports	Headings and Labels represent features clearly.
<p><b><u>2.4.7 Focus Visible</u></b> (Level AA)</p> <p>Also applies to:</p> <p>Revised Section 508</p> <ul style="list-style-type: none"> <li>• 501 (Web)(Software)</li> </ul>	Supports	The application has an in-focus state.



Criteria	Conformance Level	Remarks and Explanations
<ul style="list-style-type: none"> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>		
<p><b>3.1.2 Language of Parts</b> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Supports	Language can be programmatically determined.
<p><b>3.2.3 Consistent Navigation</b> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>501 (Web)(Software) – Does not apply to non-web software</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Supports	The application maintains similar navigational functionality on all its pages.
<p><b>3.2.4 Consistent Identification</b> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>501 (Web)(Software) – Does not apply to non-web software</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs) – Does not apply to non-web docs</li> </ul>	Supports	All features are clearly identified consistently.
<p><b>3.3.3 Error Suggestion</b> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Supports	If an input error is automatically detected, suggestions are provided to the user.
<p><b>3.3.4 Error Prevention (Legal, Financial, Data)</b> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> <li>501 (Web)(Software)</li> <li>504.2 (Authoring Tool)</li> <li>602.3 (Support Docs)</li> </ul>	Supports	The application does not have any legal commitment or financial transaction.

## Revised Section 508 Report

## Chapter 3: Functional Performance Criteria (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision. Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that does not require user vision.	Supports with Exceptions	Not all functionality of the content is operable through a keyboard interface. Sometimes user need a mouse to set certain software items.
302.2 With Limited Vision. Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited vision.	Supports with Exceptions	Not all functionality of the content is operable through a keyboard interface. Sometimes user need a mouse to set certain software items.
302.3 Without Perception of Color. Where a visual mode of operation is provided, ICT shall provide at least one visual mode of operation that does not require user perception of color.	Supports	Color alone is not used to communicate meaning.
302.4 Without Hearing. Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that does not require user hearing.	Supports	The application does not use audio.
302.5 With Limited Hearing. Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited hearing.	Supports	The application does not use audio.
302.6 Without Speech. Where speech is used for input, control, or operation, ICT shall provide at least one mode of operation that does not require user speech.	Supports	The application does not require user speech.
302.7 With Limited Manipulation. Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that does not require fine motor control or simultaneous manual operations.	Supports	The application does not forcibly shift focus to a new location without user interventions.
302.8 With Limited Reach and Strength. Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that is operable with limited reach and limited strength.	Supports	The application does not forcibly shift focus to a new location without user interventions.
302.9 With Limited Language, Cognitive, and Learning Abilities. ICT shall provide features making its use by individuals with limited cognitive, language, and learning abilities simpler and easier.	Supports	The application maintains the same layout and functionality. Design uses label to provide programmatic name for element

## Chapter 4: Hardware – Not Applicable

## Chapter 5: Software

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See <a href="#">WCAG 2.0</a> section	See information in WCAG section
<b>502 Interoperability with Assistive Technology</b>	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Not Applicable	
502.2.2 No Disruption of Accessibility Features	Supports	The application will not disrupt accessibility features.
<b>502.3 Accessibility Services</b>	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Supports	Objects contain informational elements.
502.3.2 Modification of Object Information	Supports	States and properties that can be set by the user are capable of being set programmatically.
502.3.3 Row, Column, and Headers	Supports	Objects in data tables have been properly associated.
502.3.4 Values	Supports	Values can be determined programmatically.
502.3.5 Modification of Values	Supports	Values that can be set by the user are capable of being set programmatically.
502.3.6 Label Relationships	Supports	All labels can be programmatically determined.
502.3.7 Hierarchical Relationships	Supports	Any parent-child relationship is programmatically determined.
502.3.8 Text	Supports	The content of text objects and attributes can be programmatically determined.
502.3.9 Modification of Text	Supports	Text that can be set by the user can also be set programmatically.

<b>Criteria</b>	<b>Conformance Level</b>	<b>Remarks and Explanations</b>
502.3.10 List of Actions	Supports	A list of all actions that can be executed on an object is programmatically determined.
502.3.11 Actions on Objects	Supports	Assistive technology can execute actions on objects.
502.3.12 Focus Cursor	Supports	Focus is visible and programmatically determined.
502.3.13 Modification of Focus Cursor	Supports	Focus can be set by the user is also capable of being set programmatically.
502.3.14 Event Notification	Supports	Notification of events are available to assistive technology.
502.4 Platform Accessibility Features	Not Applicable	
<b>503 Applications</b>	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Supports	Application permits user preferences from platform settings for color, contrast, font type, font size and focus cursor.
503.3 Alternative User Interfaces	Not Applicable	
<b>503.4 User Controls for Captions and Audio Description</b>	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Not Applicable	The application does not have audio.
503.4.2 Audio Description Controls	Not Applicable	The application does not have audio.
<b>504 Authoring Tools</b>	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter “not applicable”)	See <a href="#">WCAG 2.0</a> section	See information in WCAG section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
504.2.2 PDF Export	Not Applicable	
504.3 Prompts	Not Applicable	
504.4 Templates	Not Applicable	

## Chapter 6: Support Documentation and Services

Criteria	Conformance Level	Remarks and Explanations
<b>601.1 Scope</b>	Heading cell – no response required	Heading cell – no response required
<b>602 Support Documentation</b>	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features. Documentation shall list and explain how to use the accessibility and compatibility features required by Chapters 4 and 5. Documentation shall include accessibility features that are builtin and accessibility features that provide compatibility with assistive technology.	Supports	Product documentation is available online in an accessible format at <a href="https://www.lenovo.com/support">https://www.lenovo.com/support</a> VPATs are available at <a href="https://www.lenovo.com/us/en/compliance/accessibility-conformance">https://www.lenovo.com/us/en/compliance/accessibility-conformance</a>
602.3 Electronic Support Documentation. Documentation in electronic format, including Web-based self-service support, shall conform to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1).	Supports	The electronic web-based product documentation conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0.
602.4 Alternate Formats for Non-Electronic Support Documentation. Where support documentation is only provided in nonelectronic formats, alternate formats usable by individuals with disabilities shall be provided upon request.	Not Applicable	Documentation is available in electronic format.

Criteria	Conformance Level	Remarks and Explanations
<b>603 Support Services</b>	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features. ICT support services shall include information on the accessibility and compatibility features required by 602.2.	Supports	Lenovo Support provides information on accessibility and compatibility features. This information is also documented in the product documentation.  Accessibility Features page <a href="https://www.lenovo.com/us/en/lenovo/accessibility/">https://www.lenovo.com/us/en/lenovo/accessibility/</a>
603.3 Accommodation of Communication Needs. Support services shall be provided directly to the user or through a referral to a point of contact. Such ICT support services shall accommodate the communication needs of individuals with disabilities.	Supports	Lenovo Services provides communications in voice, chat, and email. Telecommunications Relay Service (TRS) is supported for customers who are deaf or hard of hearing.  For support, contact 1-855-2-LENOVO (1-855-253-6686).

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