

VMware vSphere Data Protection 5.5 VPAT©

December 2013

Since the VPAT must be comprehensive, all Section 508 issues on all pages must be corrected to sustain compliance.

Criteria	Supporting Features	Remarks and Explanations
Section 1194.21 Software Applications and Operating Systems	Supports with Exceptions	Please refer to the 1194.21 section for details.
Section 1194.22 Web-based Intranet and Internet Information and Applications	Supports with Exceptions	Please refer to the 1194.22 section for details.
Section 1194.23 Telecommunications Products	Not Applicable	Not Applicable
Section 1194.24 Video and Multi-media Products	Not Applicable	Not Applicable
Section 1194.25 Self-Contained, Closed Products	Not Applicable	Not Applicable
Section 1194.26 Desktop and Portable Computers	Not Applicable	Not Applicable
Section 1194.31 Functional Performance Criteria	Supports with Exceptions	Please refer to the 1194.31 section for details.
Section 1194.41 Information, Documentation, and Support	Supports	Please refer to the 1194.41 section for details.

Support Levels

Support Level	Description
Supports	The product fully meets the letter and intent of the Criteria.
Supports with Exceptions/Minor Exceptions	The product does not fully meet the letter and intent of the Criteria, but provides some level of access relative to the Criteria.
Supports through Equivalent Facilitation	The accessibility tester identified an alternate way to meet the intent of the Criteria or the product does not fully meet the intent of the Criteria.
Supports when combined with Compatible AT	The product fully meets the letter and intent of the Criteria when used in combination with Compatible Assistive Technology (AT). For example, many software programs can provide speech output when combined with a compatible screen reader, commonly used AT for people who are blind.
Does Not Support	The product does not meet the letter or intent of the Criteria.
Not Applicable	The Criteria does not apply to the specific product.
Not Applicable - Fundamental Alteration Exception Applies	A Fundamental Alteration of the product would be required to meet the Criteria (see the access board's standards for the definition of "fundamental alteration").

§ 1194.21 Software Applications and Operating Systems

Criteria	Support Level	Remarks and Explanations
(a) When software is designed to run on a system that has a keyboard, product functions shall be executable from a keyboard where the function itself or the result of performing a function can be discerned textually.	Supports with Exceptions	Interfaces are keyboard accessible with some exceptions. A mouse or other pointing device is required to reach, activate and/or select some components. Exceptions include checking items in the backup wizard tree view and closing action menus.
(b) Applications shall not disrupt or disable activated features of other products that are identified as accessibility features, where those features are developed and documented according to industry standards. Applications also shall not disrupt or disable activated features of any operating system that are identified as accessibility features where the application programming interface for those accessibility features has been documented by the manufacturer of the operating system and is available to the product developer.	Supports with Exceptions	vSphere Data Protection 5.5 does not cause interference with activated or available accessibility features of other products or operating systems with some exceptions. The application does not honor Windows High Contrast options by not allowing users to change background and foreground colors. JAWS 14 and later currently do not work properly with the vSphere Web Client. Other screen readers such as NVDA should be used instead.
(c) A well-defined on-screen indication of the current focus shall be provided that moves among interactive interface elements as the input focus changes. The focus shall be programmatically exposed so that Assistive Technology can track focus and focus changes. (Related to well-defined focus control which will also be visually indicative).	Supports	The current focus can be tracked visually and through assistive technologies.
(d) Sufficient information about a user interface element including the identity, operation and state of the element shall be available to Assistive Technology. When an image represents a program element, the information conveyed	Supports with Exceptions	Some interfaces and/or graphic components do not have information exposed to assistive technologies. The Connect button (green play icon) used to change appliances and the generic action buttons are not labeled. The tabs in

Criteria	Support Level	Remarks and Explanations
by the image must also be available in text.		the configuration screens are not accessible nor is the explanation text found in wizard screens.
(e) When bitmap images are used to identify controls, status indicators, or other programmatic elements, the meaning assigned to those images shall be consistent throughout an application's performance.	Supports	Images to identify user interfaces and other components have consistent meanings throughout vSphere Data Protection 5.5.
(f) Textual information shall be provided through operating system functions for displaying text. The minimum information that shall be made available is text content, text input caret location, and text attributes.	Supports with Exceptions	vSphere Data Protection 5.5 allows textual information to be provided through operating system functions with some exceptions. When any dialog window appears it is not announced automatically by screen readers.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports with Exceptions	vSphere Data Protection 5.5 does not cause interference with activated or available accessibility features of other products or operating systems with some exceptions. The application does not honor Windows High Contrast options by not allowing users to change background and foreground colors.
(h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user.	Not Applicable	vSphere Web Client 5.5 does not have animation.
(i) Color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Supports with Exceptions	vSphere Data Protection 5.5 has textual and/or programmatically implemented equivalents when color-conveyed information is displayed to indicate an action, identify an element or require a response with some exceptions. Currently-selected tabs and buttons are conveyed via color without text

Criteria	Support Level	Remarks and Explanations
		equivalents. The Backup Window graphic uses color to show the configured backup window.
(j) When a product permits a user to adjust color and contrast settings, a variety of color selections capable of producing a range of contrast levels shall be provided.	Not Applicable	vSphere Web Client 5.5 does not have settings to adjust color contrast.
(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink frequency greater than 2 Hz and lower than 55 Hz.	Supports	vSphere Web Client 5.5 does not have content that flashes or blinks with a frequency greater than 2 Hz and lower than 55 Hz.
(l) When electronic forms are used, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	Supports with Exceptions	Assistive technologies, such as screen readers, may not identify and navigate to all of the form elements in the application to complete and submit forms. Many edit boxes and combo boxes in dialogs do not provide accessible names.

§ 1194.22 Web-based Intranet and Internet Information and Applications

Criteria	Support Level	Remarks and Explanations
(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Supports with Exceptions	Text equivalents for non-text elements are available to comprehend content and to aid in navigation with some exceptions. Exceptions include the Connect button (green play icon) and the generic graphical Action buttons.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not Applicable	The vSphere Web Client does not have multimedia presentations.
(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.	Supports with Exceptions	When color conveys information, text or programmatically implemented equivalents are provided, with a few exceptions. Exceptions include selected tabs, a selected button and the Backup Window graphic.
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports with Exceptions	Web pages are readable when style sheets are disabled or with user-defined style sheets with some exceptions. The majority of the UI is contained in the Flash portion of the page and is unaffected by style sheet changes.
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not Applicable	vSphere Data Protection 5.5 does not have server-side image maps.
(f) Client-side image maps shall be provided instead of server-side image maps except where the regions cannot be defined with an available geometric shape.	Not Applicable	vSphere Data Protection 5.5 does not have client-side image maps.
(g) Row and column headers shall be identified for data tables.	Supports	Row and column headers of data tables have identifying information.
(h) Markup shall be used to associate data cells and header cells for data tables that have two or more logical levels of row or column headers.	Not Applicable	vSphere Web Client 5.5 does not have data tables with multi-level columns or rows.
(i) Frames shall be titled with text that facilitates frame identification and navigation	Not Applicable	Frames are not used.

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(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Supports	Web pages do not have content that flashes or blinks with a frequency greater than 2 Hz and lower than 55 Hz.
(k) A text-only page, with equivalent information or functionality, shall be provided to make a web site comply with the provisions of this part, when compliance cannot be accomplished in any other way. The content of the text-only page shall be updated whenever the primary page changes.	Supports	Alternatives to the Flash based UI are provided through a command line scripting interface.
(l) When pages utilize scripting languages to display content, or to create interface elements, the information provided by the script shall be identified with functional text that can be read by Assistive Technology.	Supports with Exceptions	Assistive technology and keyboard-only users can access scripted interfaces with some exceptions. Exceptions include checking items in the backup wizard tree view, reading the state of the checked items, closing action menus, and reading some elements such as instruction text in the wizards and the tabs in the configuration pages.
(m) When a web page requires that an applet, plug-in or other application be present on the client system to interpret page content, the page must provide a link to a plug-in or applet that complies with §1194.21(a) through (l).	Supports	vSphere Data Protection 5.5 provides links to accessible applets and/or plug-ins whose files appear on the website.
(n) When electronic forms are designed to be completed on-line, the form shall allow people using Assistive Technology to access the information, field elements, and functionality required for completion and submission of the form, including all directions and cues.	Supports with Exceptions	Assistive technologies, such as screen readers, may not identify and navigate to all of the form elements in the application to complete and submit forms. Many edit boxes and combo boxes in dialogs are not explicitly labeled.
(o) A method shall be provided that permits users to skip repetitive navigation links.	Does Not Support	Assistive technology and keyboard-only users cannot bypass repetitive navigation links.
(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Does Not Support	When timed responses are required, the server does not alert users or provide them options for extended time.

§1194.31 Functional Performance Criteria

Criteria	Support Level	Remarks and Explanations
<p>(a) At least one mode of operation and information retrieval that does not require user vision shall be provided, or support for Assistive Technology used by people who are blind or visually impaired shall be provided.</p>	<p>Does Not Support</p>	<p>In addition to the specific problems specified in §1194.21 & §1194.22 above, the vSphere Web Client has capability problems with JAWS 14 and later. Other screen readers, such as NVDA, are compatible.</p> <p>Uses of JAWS 14 or later may encounter browser crashes or JAWS may fail to read part or the entire Web Client interface. Users of JAWS 13 and earlier or other screen readers that support Flash, such as NVDA, will function properly.</p>
<p>(b) At least one mode of operation and information retrieval that does not require visual acuity greater than 20/70 shall be provided in audio and enlarged print output working together or independently, or support for Assistive Technology used by people who are visually impaired shall be provided.</p>	<p>Supports with Excpetions</p>	<p>vSphere Web Client 5.5 allows persons with less than 20/70 vision to retrieve information and perform product operations through audio, enlarged print output and/or assistive technologies. The application does not honor Windows High Contrast options by not allowing users to change background and foreground colors.</p>
<p>(c) At least one mode of operation and information retrieval that does not require user hearing shall be provided, or support for Assistive Technology used by people who are deaf or hard of hearing shall be provided</p>	<p>Supports</p>	<p>vSphere Web Client 5.5 does not require hearing for information retrieval and operations.</p>
<p>(d) Where audio information is important for the use of a product, at least one mode of operation and information retrieval shall be provided in an enhanced auditory fashion, or support for assistive hearing devices shall be provided.</p>	<p>Supports</p>	<p>vSphere Web Client 5.5 does not have audio information.</p>

Criteria	Support Level	Remarks and Explanations
<p>(e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for Assistive Technology used by people with disabilities shall be provided.</p>	<p>Supports</p>	<p>vSphere Web Client 5.5 does not require speech for information retrieval or operations.</p>
<p>(f) At least one mode of operation and information retrieval that does not require fine motor control or simultaneous actions and that is operable with limited reach and strength shall be provided.</p>	<p>Supports with Exceptions</p>	<p>vSphere Data Protection 5.5 does not require fine motor control or simultaneous actions. Persons with dexterity impairments can perform product operations with some exceptions. An exception includes selecting items in the backup wizard tree. Some of the smaller graphical buttons such as the unlabeled action buttons may be difficult for users to click using the mouse or other pointing device.</p>

§ 1194.41 Information, Documentation, and Support

Criteria	Support Level	Remarks and Explanations
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge	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.
(b) End-users shall have access to a description of the accessibility and compatibility features of products in alternate formats or alternate methods upon request, at no additional charge.	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.
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	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.