

VMware vRealize Business Standard 6.0

June 2015

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	Not Applicable	Not Applicable
Section 1194.22 Web-based Intranet and Internet Information and Applications	Does Not Support	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	Does Not Support	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").

§ 1194.22 Web-based Intranet and Internet Information and Applications

Criteria	Support Level	Remarks and Explanations
<p>(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).</p>	<p>Does Not Support</p>	<p>Textual equivalents are missing from nearly every image in vRealize Business Standard 6.0. This includes images that visually indicate the name, role, and state of a variety of simulated controls, including expand/collapse controls, buttons, radio buttons, menus, and page tabs. Many standard buttons also lack alternative text.</p> <p>Charts and graphs in vRealize Business Standard 6.0 are rendered via SVG elements without textual equivalents.</p> <p>CSS background images without textual equivalents are also widely used to render both active and static elements, including images for pagination and refresh of data tables, alert, status, show/hide, back and forward buttons, and column sort direction arrows.</p> <p>In addition, the boundaries of simulated dialogs are indicated visually but not textually.</p> <p>Many decorative images are present, but they do not properly provide null alt attributes.</p>
<p>(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.</p>	<p>Not Applicable</p>	<p>vRealize Business Standard 6.0 does not contain any multimedia presentations.</p>
<p>(c) Web pages shall be designed so that all information conveyed with color is also available without color, for example from context or markup.</p>	<p>Does Not Support</p>	<p>vRealize Business Standard 6.0 uses color in the dashboard graphs and charts, but no directly accessible on-screen content is provided to serve as an alternative for users who cannot discern the color differences. The only alternative is indirect, requiring the user to hover the mouse over portions of these charts to view the data in a textual tooltip.</p> <p>In the Edit Cloud Cost form, vRealize Business Standard 6.0 uses orange and blue colors to distinguish whether default or</p>

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		<p>edited values have been used when determining the cost of an item.</p> <p>vRealize Business Standard 6.0 uses color alone to indicate the currently selected page tab and to indicate row selection in data tables.</p>
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Does Not Support	<p>vRealize Business Standard 6.0 requires the use of style sheets to lay out information correctly.</p> <p>CSS background images without visible equivalents are also widely used to render both active and static elements, including images for pagination and refresh of data tables, alert, status, show/hide, back and forward buttons, and column sort direction arrows.</p> <p>Content headings are indicated by purely visual methods, as explicit heading elements are not used.</p> <p>CSS is also used to position the header content and controls at the top of the page and the footer content and controls at the bottom. Without style sheets, the header is actually at the bottom and the footer is at the top. This reflects the fact that even with CSS enabled, screen reader users and keyboard-only users encounter content in this reversed order.</p>
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not Applicable	vRealize Business Standard 6.0 does not use 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	vRealize Business Standard 6.0 does not utilize client-side image maps.
(g) Row and column headers shall be identified for data tables.	Does Not Support	In vRealize Business Standard 6.0's data tables, the cells that act as column headers are not rendered in th elements to identify them explicitly as header cells. For all data tables, the headers are not formatted with

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		<p>HTML table elements but rather are laid out in <code>div</code> elements above the actual data table.</p> <p>In addition, implicit row header cells are not identified as headers.</p>
<p>(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.</p>	<p>Does Not Support</p>	<p>In vRealize Business Standard 6.0's data tables, header cells are not included in the same table as data cells and header cells are not formatted using HTML table elements. This applies to both simple and complex data tables.</p> <p>In some tables, each row of the data table is a nested table and the first cell of the row is also a nested table.</p> <p>These problems prevent screen readers from associating data cells with header cells.</p>
<p>(i) Frames shall be titled with text that facilitates frame identification and navigation</p>	<p>Does Not Support</p>	<p>vRealize Business Standard 6.0 renders pages in inline frames whose titles are identical and generic.</p>
<p>(j) Pages shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.</p>	<p>Supports</p>	<p>vRealize Business Standard 6.0 does not cause the screen to flash or flicker.</p>
<p>(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.</p>	<p>Not Applicable</p>	<p>vRealize Business Standard 6.0 does not provide any text-only pages.</p>
<p>(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.</p>	<p>Does Not Support</p>	<p>vRealize Business Standard 6.0 makes extensive use of scripting to render content.</p> <p>Most active elements in vRealize Business Standard 6.0 are not included in the tab order and cannot be activated or controlled from the keyboard. Many critical-path failures make vRealize Business Standard 6.0 effectively inaccessible to keyboard-only</p>

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		<p>users. Assistive technology products that can gain focus on elements that are not in the tab order and that can simulate a mouse click or mouse over action could activate many of these inaccessible elements. However, in a large number of these cases, elements' roles and accessible names are not identified to inform a user's decision.</p> <p>The problematic elements are functional because of scripting that allows normally-static elements (e.g., standard and background images and table rows) to be manipulated by the mouse to perform functions that would normally be handled by standard HTML elements such as buttons and links.</p> <p>Keyboard-inaccessible elements include the Business Management tab in the global header, page tabs within pages, attached menus, expand/collapse controls, selectable data table rows, and elements that sort data tables or resize or re-order their columns.</p> <p>A variety of focus management issues related to dynamic content changes also occurs.</p>
(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).	Not Applicable	vRealize Business Standard 6.0 does not require the use of a plug-in to interpret page content.
(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.	Does Not Support	<p>Some forms in vRealize Business Standard 6.0 are accessible to assistive technologies. However, key form functions have significant accessibility issues. These issues include the lack of labels for buttons and the lack of labels and proper grouping by name attribute and fieldset and legend element of radio buttons.</p> <p>Some form fields that do have labels have labels that are identical to others in the</p>

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		<p>same form. Therefore, they cannot be reliably distinguished from one another. A few form fields such as the Pagination and Display Results fields in data tables have label elements, but they are empty of text.</p> <p>A variety of simulated form controls are also used in vRealize Business Standard 6.0. Their accessibility issues related to the lack of textual equivalents and keyboard accessibility have been discussed above in §1194.22 paragraphs (a) and (l), respectively.</p>
(o) A method shall be provided that permits users to skip repetitive navigation links.	Does Not Support	vRealize Business Standard 6.0 does not provide a method to skip repetitive navigation links. No skip link is provided, and the inline frames in which the main content is rendered do not provide unique title attributes.
(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	vRealize Business Standard 6.0 does not alert users prior to forcing logout due to inactivity.

§ 1194.31 Functional Performance Criteria

Criteria	Support Level	Remarks and Explanations
(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.	Does Not Support	vRealize Business Standard 6.0 presents serious accessibility issues for users who are blind or visually impaired. Please refer to the technical paragraphs of §1194.22 for details.
(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.	Supports with Exceptions	<p>vRealize Business Standard 6.0 does not require visual acuity greater than 20/70 and supports assistive technologies such as screen magnification.</p> <p>Most of the relevant issues have been discussed in the technical paragraphs of §1194.22. Paragraph (c) describes the reliance on color to indicate selection and meaning, while paragraph (d) describes the extensive use of CSS background images to render meaningful active and static elements. Some users with low vision change certain color-related settings at the OS or browser level. Under such settings, the specifications of color and the visual display of background images are removed from pages. This makes selection difficult to discern visually, and users may be unaware of the presence and visually implied meaning of the missing background images.</p> <p>One additional issue that is more functional in nature involves insufficient color contrast. The non-current tabs in the global header do not provide sufficient contrast. nor do a small number of buttons.</p> <p>Another issue is that many elements do not display keyboard focus visually.</p>

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(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	Supports	vRealize Business Standard 6.0 does not produce audio.
(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.	Supports	vRealize Business Standard 6.0 does not produce audio.
(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.	Supports	vRealize Business Standard 6.0 does not require user speech.
(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.	Does Not Support	<p>vRealize Business Standard 6.0 poses major barriers to persons with mobility impairments.</p> <p>Many tasks require the use of the mouse for simulated controls that are not in the tab order and are available only by mouse click. Content that is only available within tooltips for charts and graphs requires the use of the mouse for a rollover action. Users who are unable to operate a mouse or equivalent device are unable to perform these tasks.</p> <p>As described in §1194.22 paragraph (l), vRealize Business Standard 6.0 is effectively inaccessible from the keyboard. Further, as described in §1194.22 paragraphs (a) and (n), accessible names and roles are not provided for most active elements, particularly for buttons and simulated controls.</p> <p>Additionally, the lack of visual</p>

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		keyboard focus on many active elements combined with these other major barriers makes it impossible to use the application with speech input software. This all but requires the use of a pointing device or the very cumbersome mouse emulation support by some assistive technologies.

§ 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.