

Client Name: VMware	
Product Name: Virtual Infrastructure Client 2.0	Date: 11/28/2006

## **VPAT VMware Virtual Infrastructure Client 2.0**

Prepared By:



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## VPAT

**Product:** Virtual Infrastructure Client 2.0

**Components covered:** Windows software client, installation, on-board help under the menu item Help, Help Topics.

**Contact for more information:** <http://www.vmware.com>

**Date:** November, 2006

<b>Summary of Voluntary Product Accessibility Template</b>		
<b>Criteria</b>	<b>Supporting Features</b>	<b>Remarks and Explanations</b>
Section 1194.21 Software Applications and Operating Systems	Supports with Exceptions	Please reference the attached 1194.21 VPAT.
Section 1194.22 Web-based Internet Information and Applications	Supports with Exceptions	This is applicable to the Windows-based HTML help. Please reference the attached 1194.22 VPAT.
Section 1194.23 Telecommunications Products	Not Applicable	
Section 1194.24 Video and Multimedia Products	Not Applicable	
Section 1194.25 Self-contained, Closed Products	Not Applicable	
Section 1194.26 Desktop and Portable Computers	Not Applicable	
Section 1194.31 Functional Performance Criteria	Supports with Exceptions	Please reference the included 1194.21, 1194.22 and 1194.31 sections.
Section 1194.41 Information, Documentation and Support	Supports with Exceptions	Please reference the included 1194.41 section

<b>Supporting Features (second column on VPAT)</b>	
<b>Supports</b>	Use this language when you determine the product fully meets the letter and intent of the Criteria.
<b>Supports with Exceptions</b>	Use this language when you determine the product does not fully meet the letter and intent of the Criteria, but provides some level of access relative

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	to the Criteria.
<b>Supports through Equivalent Facilitation</b>	Use this language when you have identified an alternate way to meet the intent of the Criteria or when the product does not fully meet the intent of the Criteria.
<b>Supports when combined with Compatible AT</b>	Use this language when you determine the product fully meets the letter and intent of the Criteria when used in combination with Compatible AT. For example, many software programs can provide speech output when combined with a compatible screen reader (commonly used assistive technology for people who are blind).
<b>Does not Support</b>	Use this language when you determine the product does not meet the letter or intent of the Criteria.
<b>Not Applicable</b>	Use this language when you determine that the Criteria do not apply to the specific product.
<b>Not Applicable - Fundamental Alteration Exception Applies</b>	Use this language when you determine a Fundamental Alteration of the product would be required to meet the Criteria (see the access board standards for the definition of "fundamental alteration").

<b>1194.21 Software Applications and Operating Systems</b>		
<b>Criteria</b>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
(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	Virtual Infrastructure Client has a lot of keyboard accessibility. Buttons in the main interface can be reached via the tab key, menus can be activated and chosen, and wizards such as the <i>Add New Virtual Machine Wizard</i> can be used via the keyboard. However, many exceptions also exist. The buttons in the main interface cannot be activated via the keyboard, e.g., the Configuration, Users, Events and Performance buttons. While tabbing will place focus on these buttons, they cannot be activated via the Enter or Space key, which is the Windows standard. Many links of dialogs such

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		as those found on the Configuration screen cannot be accessed or activated via the keyboard; an example is Networks.
(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	
. (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.	Supports	Assistive technology can track focus changes and determine what interactive interface element has the current focus.
(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 by the image must also be available in text.	Supports with Exceptions	Many controls have sufficient information for identifying them and their values and states; Microsoft Active Accessibility (MSAA) provides information to assistive technology such as names for buttons. However, controls do exist that do not have identifying information that assistive technology can use. The most recurring are for checkboxes. An example is the "Connect at power on" checkbox found in the networking screen of the Create New Virtual Machine wizard. An example of edit fields lacking identifying information can be found in the Add Permission

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		dialog for the “Users” and “Groups” edit fields. Other controls which are links or buttons are not identified as interactive interface elements through the Role property of MSA. An example of this is the links under the “Hardware” and “Software” sections of the Configuration screen.
(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	
(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	Text is available through the operating system and assistive technology including JAWS can read it. An example is the Tasks log window. However, an exception exists. The Performance chart does not have available text or a text equivalent for assistive technology.
(g) Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports with Exceptions	Virtual Infrastructure Client does not honor or extend Windows high contrast or large font settings.
(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	
(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	
(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	
(k) Software shall not use flashing or blinking text, objects, or other elements having a flash or blink	Supports	

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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	Incomplete information about some controls such as checkboxes, and lack of keyboard access to some areas cause inaccessibility. Please reference 1194.21(d) for further information.

### 1194.22 Web-based Internet information and applications

<b>Criteria</b>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
(a) A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Does not Support	Inline images in web-based documentation do not have alt attributes.
(b) Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not Applicable	No Multimedia is present.
(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	
(d) Documents shall be organized so they are readable without requiring an associated style sheet.	Supports	
(e) Redundant text links shall be provided for each active region of a server-side image map.	Not Applicable	
(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	
(g) Row and column headers shall be identified for data tables.	Not Applicable	Data tables were not found. The tables present are for formatting purposes only.
(h) Markup shall be used to associate data cells and header cells for data tables that have two or more	Not Applicable	Data tables with two or more logical levels are not present.

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logical levels of row or column headers.		
(i) Frames shall be titled with text that facilitates frame identification and navigation	Not Applicable	Frames are not used.
(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	
(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.	Not Applicable	
(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.	Not Applicable	Client-side scripting is not used.
(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	
(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.	Not Applicable	
(o) A method shall be provided that permits users to skip repetitive navigation links.	Not Applicable	The on-board help is displayed through the Windows Help tool, which provides the navigation.

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(p) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not Applicable	
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### 1194.31 Functional performance criteria

<b>Criteria</b>	<b>Supporting Features</b>	<b>Remarks and explanations</b>
(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.	Supports with Exceptions	Virtual Infrastructure Client has some limitations that do not allow full support for screen reader assistive technology. Please reference the included 1194.21 VPAT for specific 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	Screen magnifiers do work with Virtual Infrastructure Client.
(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	Hearing is not required.
(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.	Not Applicable	
(e) At least one mode of operation and information retrieval that does not require user speech shall be provided, or support for assistive	Supports	User speech is not required.



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technology used by people with disabilities shall be provided.		
(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.	Supports with Exceptions	Some keyboard access issues are present. Please reference the included 1194.21 VPAT for details.

<b>1194.41 Information, Documentation and Support -Detail</b>		
<b><i>Criteria</i></b>	<b><i>Supporting Features</i></b>	<b><i>Remarks and explanations</i></b>
(a) Product support documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge.	Supports	
(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	
(c) Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	Support is available online and via telephone. Deaf or hard of hearing users can use the national relay service to converse with VMWare representatives.