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| **Date:** | **04/25/08** | |
| **Name of Product:** | **Microsoft Windows Server 2008** | |
| **Contact for more Information:** | <http://www.microsoft.com/windowsserver2008/>  <http://www.microsoft.com/enable> | |
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**Summary Table**

**Voluntary Product Accessibility Template**

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| **Criteria** | **Supporting Features** | **Remarks and explanations** |
| Section 1194.21 Software Applications and Operating Systems | Generally Supported | See section 1194.21 below. |
| Section 1194.22 Web-based internet information and applications | Not applicable | Microsoft Windows Server 2008 is not considered a web-based internet information and applications product. See section 1194.22 below. |
| Section 1194.23 Telecommunications Products | Not applicable | Microsoft Windows Server 2008 is not considered a telecommunications product. |
| Section 1194.24 Video and Multi-media Products | Not applicable | Microsoft Server 2008 Edition does not use multimedia except as covered in section 1194.21. |
| Section 1194.25 Self-Contained, Closed Products | Not applicable | Microsoft Windows Server 2008 is not a self-contained product. |
| Section 1194.26 Desktop and Portable Computers | Not applicable | Microsoft Windows Server 2008 is software as defined under section 1194.21. |
| Section 1194.31 Functional Performance Criteria | Supported | See section 1194.31 below. |
| Section 1194.41 (a) Information, Documentation and Support | Supported | See section 1194.41 below. |

1. **Section 1194.21 Software Applications and Operating Systems - Detail   
   Voluntary Product Accessibility Template**

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| **Criteria** | **Supporting Features** | **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. | **Supported with minor exceptions:**  Keyboard access is provided throughout Windows Server 2008. Keyboard shortcuts, shortcut keys, and menu commands are readily available in Windows Server 2008.  Windows Server 2008 Help functionality includes easily accessible reference guides for keyboard accessibility. | **Add Roles Wizard**  In “Add Roles Wizard”, the list of available roles incorrectly exposes the currently selected role through the programmatic access model. As a consequence, a screen reader user may enable the incorrect role. As a workaround, screen reader users should use the command-line tool ServerManagerCmd.exe.  **Add Features Wizard**  In “Add Features Wizard”, the list available features incorrectly exposes the currently selected role through the programmatic access model. As a consequence, a screen reader user may enable the incorrect feature. As a workaround, screen reader users should use the command-line tool ServerManagerCmd.exe.  **Event Viewer**  Certain overview sections may not be expandable or collapsible through keyboard only. Overview sections are expanded by default.  **Reliability and Performance Monitor**  Summary section may be difficult to navigate with keyboard-only.  **Windows Explorer**  In Windows Explorer, the user can use the Window menu (ALT+SPACEBAR) to resize the window. However, there is no keyboard method to resize individual panes (such as the navigation pane or the preview pane) or columns. |
| (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. | **Supported**  Microsoft Windows Server 2008 provides accessibility features including StickyKeys, FilterKeys, MouseKeys, High Contrast, and more. Windows components work with and do not disrupt these accessibility features except as noted at right. |  |
| (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. | **Supported with minor exceptions:**  Visual on-screen focus and tracking is provided consistently throughout Windows Server 2008 except as noted at right. | **Add Roles Wizard**  In “Add Roles Wizard”, the list of available roles incorrectly exposes the currently selected role through the programmatic access model. As a consequence, a screen reader user may enable the incorrect role. As a workaround, screen reader users should use the command-line tool ServerManagerCmd.exe.  **Add Features Wizard**  In “Add Features Wizard”, the list available features incorrectly exposes the currently selected role through the programmatic access model. As a consequence, a screen reader user may enable the incorrect feature. As a workaround, screen reader users should use the command-line tool ServerManagerCmd.exe. |
| (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. | **Supported with minor exceptions:**  Windows Server 2008 User Interface elements include menu bars, toolbars, check boxes and buttons, to name a few.  Windows Server 2008 supports Microsoft Active Accessibility® (MSAA) and/or UI Automation programming interface tools except as noted at right.  When an image represents a program element, the information conveyed by the image is also available in text, except as noted at right. | **Security Configuration Wizard**  The lists for selecting the roles and features the server should perform does not expose correctly the long description for the roles or features.  **DHCP**  In Server Options dialog the list items do not expose programmatically the checkbox functionality. |
| (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. | **Supported** Images used throughout Windows Server 2008 operating system for controls, status indicators, or other programmatic elements are consistent. |  |
| (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. | **Supported**  Windows Server 2008 uses standard functions to send text to the operating system. |  |
| (g) Applications shall not override user selected contrast and color selections and other individual display attributes. | **Supported**  Windows Server 2008 does not override user selected contrast and color selections and other individual display attributes. |  |
| (h) When animation is displayed, the information shall be displayable in at least one non-animated presentation mode at the option of the user. | **Supported**  When animation is displayed, Windows Server 2008 provides at least one non-animated presentation mode. |  |
| (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. | **Supported**  When colors are used to confey information, that information is also conveyed in alternative non-color ways. |  |
| (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. | **Supported with minor exception**  All controls provided for color formatting of content or the custom assignment of color to UI elements in Windows Server 2008 allow for a wide range of color and contrast selections with one exception noted at right. | **Active Directory Rights Management Services**  Certain overview sections do not change the foreground and background colors when the system is set to high-contrast Black, thus reducing readability.  **Terminal Services Configuration**  Certain overview sections do not change the foreground and background colors when the system is set to high-contrast, thus reducing readability.  **Terminal Services Remote App Manager**  Certain overview sections do not change the foreground and background colors when the system is set to high-contrast Black, thus reducing readability.  **Windows Firewall with Advanced Security**  Certain overview sections do not change the foreground and background colors when the system is set to high-contrast Black, thus reducing readability.  **Windows PowerShell**  Similar to the command prompt, the Windows PowerShell does not change its colors when the system is configured in high-contrast mode. Changing the colors of PowerShell is done from the PowerShell UI – open the PowerShell System menu (ALT+Space), then select Properties or Defaults and chose tab Colors.  **Windows System Resource Manager**  The overview section does not change the background color from the original white (in high-contrast), thus reducing readability in high-contrast modes. |
| (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. | **Supported**  Windows Server 2008 does not contain any flashing or blinking text, objects or other elements with a flash or blink 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. | **Supported**  Windows Server 2008 forms provide access through Assistive Technology. |  |

**Section 1194.31 Functional Performance Criteria - Detail   
Voluntary Product Accessibility Template**

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| **Criteria** | **Supporting Features** | **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. | **Supported**  Windows Server 2008 supports the use of screen readers to access user interface information.  Commonly used assistive technologies may be used with these products. Users of assistive technology should contact their assistive technology vendor to assess the compatibility of specific assistive technology with Microsoft products and to learn how to adjust their settings to optimize interoperability. | **Add Roles Wizard**  In “Add Roles Wizard”, the list of available roles incorrectly exposes the currently selected role through the programmatic access model. As a consequence, a screen reader user may enable the incorrect role. As a workaround, screen reader users should use the command-line tool ServerManagerCmd.exe.  **Add Features Wizard**  In “Add Features Wizard”, the list available features incorrectly exposes the currently selected role through the programmatic access model. As a consequence, a screen reader user may enable the incorrect feature. As a workaround, screen reader users should use the command-line tool ServerManagerCmd.exe. |
| (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. | **Supported**  Windows Server 2008 supports the use of screen readers and magnification software to access user interface information. |  |
| (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 | **Supported**  Windows Server 2008 does not require user hearing for access to any application functionality. |  |
| (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. | **Supported**  Windows Server 2008 does not require user hearing for access to any application functionality. | Volume controls are available through the operating system. In addition, an assistive aid may be used. |
| (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. | **Supported**  Windows Server 2008 does not require speech recognition. |  |
| (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. | **Supported**  Windows Server 2008 supports operating system tools such as StickyKeys and FilterKeys as well as other assistive technologies.  When the StickyKeys feature is on, the user can press a modifier key (SHIFT, CTRL, or ALT) and then another key in sequence rather than at the same time, to enter shifted (modified) characters and other key combinations. Pressing a modifier key once *latches* the key down until the user presses a non-modifier key or clicks a mouse button. Pressing a modifier key twice *locks* the key until the user presses the key a third time.  The FilterKeys accessibility feature allows the user to set the keyboard repeat rate, acceptance delay and bounce rate. |  |

\*Note to AT Users: Upon the release of software upgrades, there is often a lag between the software release date and the time it takes for some Assistive Technology manufacturers to upgrade their software and device drivers to support these new releases. The manufacturer’s porting timeframe may be a factor in determining when you decide to upgrade to take advantage of Microsoft Windows Server 2008’s new features. Microsoft provides the software code within its products to make our products "ready" for the AT devices and works closely with major AT providers in an effort to decrease the time to market for new versions of AT products. We encourage both end users and purchasers of AT to contact their AT manufacturer to determine the current compatibility of their existing AT with Microsoft products.  **Section 1194.41 Information, Documentation, and Support - Detail**

**Voluntary Product Accessibility Template**

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| **Criteria** | **Supporting Features** | **Remarks and explanations** |
| Section 1194.41 (a) Product Support Documentation provided to end-users shall be made available in alternate formats upon request, at no additional charge. | **Supported** | Product documentation is provided online at <http://www.microsoft.com/windowsserver2008/en/us/product-documentation.aspx>. Help and Support is included in the product from the Start menu, Help and Support. |
| Section 1194.41 (b) Accessibility and Compatibility Features. 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. | **Supported** | The accessibility features are included in the product’s Help and Support, available from the Start menu, Help and Support. |
| 1194.41 (c) Support Services for products shall accommodate the communication needs of end-users with disabilities. | **Supported** | The Microsoft Product Support Services Help Desk is familiar with such features as keyboard access and other options important to people with disabilities.  Microsoft offers a teletypewriter (TTY) service for customers who are hearing impaired. For assistance in the United States, contact Microsoft Technical Support on a TTY at 1-800-892-5234. This service is available Monday through Friday 5:00 A.M. to 9:00 P.M. and 5:00 A.M. to 3:00 P.M. Saturday PST.  For information on additional support services, visit the Microsoft Accessibility Web site at <http://www.microsoft.com/enable/products/support.aspx> |

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Revised 8/10/2008. Microsoft regularly updates its websites and provides new information about the accessibility of products as that information becomes available.