Date: January 6, 2017

Name of Product: Cisco Unified Computing System Manager Version 3.2

Contact for more information: accessibility@cisco.com

Cisco UCS Manager provides unified, embedded management of all software and hardware components of the Cisco Unified Computing System - across multiple chassis and thousands of virtual machines. Cisco® UCS Manager creates a unified management domain and serves as the central nervous system of the Cisco Unified Computing System. Cisco UCS Manager is embedded device-management software that manages the system from end to end as a single logical entity through an intuitive GUI, a command-line interface (CLI), or an XML API.

Cisco UCS Manager has both a Command Line Interface (CLI) and Graphical User Interfaces (Java and Web). The CLI has the same functions and features as the GUIs, which allows comparable access (equivalent facilitation). The CLI is inherently 508 conformant because its text based and relies on keyboard for navigation, and compatible with all assistive technologies. All functions of the can be performed through the CLI.

# **Summary Table - Voluntary Product Accessibility Template**

Criteria	Supporting Features	Remarks and Explanations
Section 1194.21 Software Applications and Operating Systems	Included	Equivalent Facilitation via CLI
Section 1194.22 Web-based internet information and applications	Included	Equivalent Facilitation via CLI
W3C WCAG 2.0 Checkpoints	Included	Equivalent Facilitation via CLI
Section 1194.23 Telecommunications Products	Not Applicable	
Section 1194.24 Video and Multi-media 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	Included	
Section 1194.41 Information, Documentation and Support	Included	

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## Section 1194.21: Software Applications and Operating Systems – Detail

Clause	Criteria	Status	Remarks and Explanations
1194.21(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	This product provides a Command Line Interface (CLI) to perform all which relies on keyboard for navigation.
1194.21(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	This product provides a Command Line Interface (CLI) to perform all which relies on keyboard for navigation.
1194.21(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	This product provides a Command Line Interface (CLI) to perform all which relies on keyboard for navigation.
1194.21(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	CLI is all text based consequently no images.
1194.21(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.	Not Applicable	CLI is text based interface which does not have bitmap images.

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1194.21(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	This product provides a Command Line Interface (CLI) to perform all tasks which is fully compatible with screen reader technology.
1194.21(g)	Applications shall not override user selected contrast and color selections and other individual display attributes.	Supports	CLI is text based interface which does not have color.
1194.21(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	There are no animations with this product.
1194.21(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	This product provides a Command Line Interface (CLI) to perform all tasks that is natively text based and without color.
1194.21(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	CLI is text based interface which does not have color.
1194.21(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	CLI is text based interface which does not have flashing or blinking objects.
1194.21(I)	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	This product provides a Command Line Interface (CLI) to perform all tasks which is fully compatible with screen reader technology.

## Section 1194.22: Web-based Internet information and applications - Detail

Clause	Criteria	Status	Remarks and Explanations
1194.22(a)	A text equivalent for every non-text element shall be provided (e.g., via "alt", "longdesc", or in element content).	Supports through Equivalent Facilitation	UCS Manager provides a Command Line Interface (CLI) to perform all tasks which is fully compatible with screen reader technology.
1194.22(b)	Equivalent alternatives for any multimedia presentation shall be synchronized with the presentation.	Not Applicable	
1194.22(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 through Equivalent Facilitation	UCS Manager provides a Command Line Interface (CLI) to perform all tasks which is fully compatible with screen reader technology.
1194.22(d)	Documents shall be organized so they are readable without requiring an associated style sheet.	Supports through Equivalent Facilitation	UCS Manager provides a Command Line Interface (CLI) to perform all tasks which is fully compatible with screen reader technology.
1194.22(e)	Redundant text links shall be provided for each active region of a server-side image map.	Not Applicable	
1194.22(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	
1194.22(g)	Row and column headers shall be identified for data tables.	Supports through Equivalent Facilitation	UCS Manager provides a Command Line Interface (CLI) to perform all tasks which is fully compatible with screen reader technology.

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1194.22(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.	Supports through Equivalent Facilitation	UCS Manager provides a Command Line Interface (CLI) to perform all tasks which is fully compatible with screen reader technology.
1194.22(i)	Frames shall be titled with text that facilitates frame identification and navigation.	Supports through Equivalent Facilitation	UCS Manager provides a Command Line Interface (CLI) to perform all tasks which is fully compatible with screen reader technology.
1194.22(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	
1194.22(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 through Equivalent Facilitation	UCS Manager provides a Command Line Interface (CLI) to perform all tasks which is fully compatible with screen reader technology.
1194.22(I)	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 through Equivalent Facilitation	UCS Manager provides a Command Line Interface (CLI) to perform all tasks which is fully compatible with screen reader technology.
1194.22(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 (I).	Not Applicable	

1194.22(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 through Equivalent Facilitation	UCS Manager provides a Command Line Interface (CLI) to perform all tasks which is fully compatible with screen reader technology.
1194.22(o)	A method shall be provided that permits users to skip repetitive navigation links.	Supports through Equivalent Facilitation	UCS Manager provides a Command Line Interface (CLI) to perform all tasks which is fully compatible with screen reader technology.
1194.22(p)	When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Supports through Equivalent Facilitation	UCS Manager provides a Command Line Interface (CLI) to perform all tasks which is fully compatible with screen reader technology.

### W3C WCAG 2.0 Checkpoints - Detail

Checkpoint	Description	Status	Remarks and Explanations
1.1.1 (A)	Non-text content	Supports through Equivalent Facilitation	CLI is a text based interface which relies on keyboard for navigation, and compatible with all assistive technologies.
1.2.1 (A)	Audio-only and Video-only (Prerecorded)	Not Applicable	
1.2.2 (A)	Captions (Prerecorded)	Not Applicable	
1.2.3 (A)	Audio Description or Media Alternative (Prerecorded)	Not Applicable	
1.2.4 (AA)	Captions (Live)	Not Applicable	
1.2.5 (AA)	Audio Description (Prerecorded)	Not Applicable	
1.3.1 (A)	Info and Relationships	Supports through Equivalent Facilitation	
1.3.2 (A)	Meaningful Sequence	Supports through Equivalent Facilitation	
1.3.3 (A)	Sensory Characteristics	Not Applicable	
1.4.1 (A)	Use of Color	Supports through Equivalent Facilitation	
1.4.2 (A)	Audio Control	Not Applicable	
1.4.3 (AA)	Contrast (Minimum)	Supports through Equivalent Facilitation	
1.4.4 (AA)	Resize Text	Supports through Equivalent Facilitation	
1.4.5 (AA)	Images of Text	Not Applicable	
2.1.1 (A)	Keyboard	Supports through Equivalent Facilitation	
2.1.2 (A)	No Keyboard Trap	Supports through Equivalent Facilitation	

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2.2.1 (A)	Timing Adjustable	Not Applicable
2.2.2 (A)	Pause, Stop, Hide	Not Applicable
2.3.1 (A)	Three Flashes or Below Threshold	Not Applicable
2.4.1 (A)	Bypass Blocks	Supports through Equivalent Facilitation
2.4.2 (A)	Page Titled	Supports through Equivalent Facilitation
2.4.3 (A)	Focus Order	Supports through Equivalent Facilitation
2.4.4 (A)	Link Purpose (In Context)	Supports through Equivalent Facilitation
2.4.5 (AA)	Multiple Ways	Supports through Equivalent Facilitation
2.4.6 (AA)	Headings and Labels	Supports through Equivalent Facilitation
2.4.7 (AA)	Focus Visible	Supports through Equivalent Facilitation
3.1.1 (A)	Language of Page	Supports through Equivalent Facilitation
3.1.2 (AA)	Language of Parts	Not Applicable
3.2.1 (A)	On Focus	Supports through Equivalent Facilitation
3.2.2 (A)	On Input	Supports through Equivalent Facilitation
3.2.3 (AA)	Consistent Navigation	Supports through Equivalent Facilitation
3.2.4 (AA)	Consistent Identification	Supports through Equivalent Facilitation
3.3.1 (A)	Error Identification	Supports through Equivalent Facilitation

3.3.2 (A)	Labels or Instructions	Supports through Equivalent Facilitation
3.3.3 (AA)	Error Suggestion	Supports through Equivalent Facilitation
3.3.4 (AA)	Error Prevention (Legal, Financial, Data)	Not Applicable
4.1.1 (A)	Parsing	Supports through Equivalent Facilitation
4.1.2 (A)	Name, Role, Value	Supports through Equivalent Facilitation

#### Section 1194.31: Functional Performance Criteria – Detail

Clause	Criteria	Status	Remarks and Explanations
1194.31(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 through Equivalent Facilitation	This product provides a Command Line Interface (CLI) to perform all tasks which is fully compatible with screen reader technology.
1194.31(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	
1194.31(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	
1194.31(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	
1194.31(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	
1194.31(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	

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## Section 1194.41: Information, Documentation and Support - Detail

Clause	Criteria	Status	Remarks and Explanations
1194.41(a)	Product support documentation provided to end- users shall be made available in alternate formats upon request, at no additional charge	Supports	Accessible documentation is available through Cisco TAC upon request.
1194.41(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	Accessible documentation is available through Cisco TAC upon request.
1194.41(c)	Support services for products shall accommodate the communication needs of end-users with disabilities.	Supports	Cisco conforms through equal facilitation. Customers may reach Cisco Technical Assistance Center (TAC) via Phone, Email or Web Form. All cases open through email or web are opened as Priority 3 cases. All Priority 1 or Priority 2 case can only be opened via the telephone. TTY users must call the Text Relay Service (TRS) by dialing 711 or their state Video Relay Service (VRS) and have the TRS agent contact Cisco TAC via voice.

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## **Supporting Feature (Status) Terminology**

The result of "Accessibility Testing" assists in the determination of the Supporting Features.

Supporting Features or Status	Description
Supports	Use this language when you determine the product fully meets the letter and intent of the Criteria.
Supports with Exceptions	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 to the Criteria. Please document the exception in the "Remarks and Explanations" column.
Supports through Equivalent Facilitation	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. Please document the exception in the "Remarks and Explanations" column.
Supports when combined with Compatible Assistive Technology	Use this language when you determine the product fully meets the letter and intent of the Criteria when used in combination with Compatible Assistive Technology. 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). Please document the exception in the "Remarks and Explanations" column.
Does not Support	Use this language when you determine the product does not meet the letter or intent of the Criteria. Please document the reason in the "Remarks and Explanations" column.
Not Applicable	Use this language when you determine that the Criteria do not apply to the specific product. For example, many web applications don't have video content the "Not Applicable" can be used. Please state "The application does not have any video content" in the "Remarks and Explanations" column. Please document the reason in the "Remarks and Explanations" column.

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