Date: January 11, 2017 **Name of Product:** Cisco UCS Fabric Interconnect all series **Contact for more information:** <u>accessibility@cisco.com</u>

The following testing was done on a Windows 7 with Freedom Scientific's JAWs screen reader v16, Microsoft Accessibility Options (Filter keys and Display/Contrast settings), and standard Keyboard.

Criteria	Supporting Features	Remarks and Explanations
Section 1194.21 Software Applications and Operating Systems	See the VPAT for UCS	
	Manage	
Section 1194.22 Web-based internet information and applications	Not Applicable	
W3C WCAG 2.0 Checkpoints	Not Applicable	
Section 1194.23 Telecommunications Products	Not Applicable	
Section 1194.24 Video and Multi-media Products	Not Applicable	
Section 1194.25 Self-Contained, Closed Products	Included	
Section 1194.26 Desktop and Portable Computers	Not Applicable	
Section 1194.31 Functional Performance Criteria	Included	
Section 1194.41 Information, Documentation and Support	Included	

All hardware associated with the product are considered exempt from Section 508 because of the 1194.3(f) Back Office Exemption Clause. Products located in spaces frequented only by service personnel for maintenance, repair, or occasional monitoring of equipment are not required to be compliant with section 508. This also includes hardware based in the cloud.

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Version of the Product



Example of UCS Fabric Interconnect hardware

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508 Clause	Criteria	Status	Remarks and Explanations
1194.25(a)	(a) Self-contained products shall be usable by people with disabilities without requiring an end-user to attach Assistive Technology to the product. Personal headsets for private listening are not Assistive Technology.	Supports with Exceptions	User with computers can connect to the blade servers either via console port or through telnet session. See the UCS Manager VPAT for further information.
1194.25(b)	(b) When a timed response is required, the user shall be alerted and given sufficient time to indicate more time is required.	Not Applicable	No instances of required timed responses.
1194.25(c)	(c) Where a product utilizes touch screens or contact- sensitive controls, an input method shall be provided that complies with §1194.23 (k) (1) through (4).	Not Applicable	
1194.25(d)	(d) When biometric forms of user identification or control are used, an alternative form of identification or activation, which does not require the user to possess particular biological characteristics, shall also be provided.	Not Applicable	No instances of biometric forms of user identification or control.
1194.25(e)	(e) When products provide auditory output, the audio signal shall be provided at a standard signal level through an industry standard connector that will allow for private listening. The product must provide the ability to interrupt, pause, and restart the audio at anytime.	Not Applicable	No instances of audio or listening features.
1194.25(f)	When products deliver voice output in a public area, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. Where the ambient noise level of the environment is above 45 dB, a volume gain of at least 20 dB above the ambient level shall be user selectable. A function shall be provided to automatically reset the volume to the default level after every use.	Not Applicable	No instances of audio or listening features.

Section 1194.25: Self-Contained, Closed Products – Detail

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1194.25(g)	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	The product use green, yellow and red led lights with blinking/flashing indicators. See 1194.25(j) for more information on the blinking/flashing instances.
1194.25(h)	When a product permits a user to adjust color and contrast settings, a range of color selections capable of producing a variety of contrast levels shall be provided.	Not Applicable	No instances of color or contrast settings.
1194.25(i)	Products shall be designed to avoid causing the screen to flicker with a frequency greater than 2 Hz and lower than 55 Hz.	Supports	Led lights blink during different states, but the blinking occurs in less than 1% of the physical layout of the device.
1194.25(j1)	Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: The position of any operable control shall be determined with respect to a vertical plane, which is 48 inches in length, centered on the operable control, and at the maximum protrusion of the product within the 48 inch length on products which are freestanding, non-portable, and intended to be used in one location and which have operable controls.	Supports	This device is intended to be rack mounted. The dependency on meeting this requirement is the location in which the blade server is placed in a network rack.
1194.25(j2)	Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is 10 inches or less behind the reference plane, the height shall be 54 inches maximum and 15 inches minimum above the floor.	Supports	This device is intended to be rack mounted. The dependency on meeting this requirement is the location in which the blade server is placed in a network rack.

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1194.25(j3)	(j)(3) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Where any operable control is more than 10 inches and not more than 24 inches behind the reference plane, the height shall be 46 inches maximum and 15 inches minimum above the floor.	Supports	This device is intended to be rack mounted. The dependency on meeting this requirement is the location in which the blade server is placed in a network rack.
1194.25(j4)	(j)(4) Products which are freestanding, non-portable, and intended to be used in one location and which have operable controls shall comply with the following: Operable controls shall not be more than 24 inches behind the reference plane.	Supports	This device is intended to be rack mounted. The dependency on meeting this requirement is the location in which the blade server is placed in a network rack.

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508 Clause	Criteria	Supporting Features	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.	Support with Exceptions	Depending on the device configuration some physical ports such FX/O and FX/S may not be discernable without vision. Cisco does not recommend a person without vision to connect this device to AC or DC power source as it might pose a safety risk. For software administration, each device can be managed through Cisco UCS Manager. Please see the Cisco UCS
			Manager VPAT for more details.
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.	Support with Exceptions	Depending on the device configuration some physical ports such FX/O and FX/S may not be discernable with low-vision.
			Cisco does not recommend a person with low vision to connect this device to AC or DC power source as it might pose a safety risk.

Section 1194.31: Functional Performance Criteria – Detail

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At least one mode of operation and information retrieval that	Not Appliable	For software administration, each device can be managed through Cisco UCS Manager. Please see the Cisco UCS Manager VPAT for more details. No audio features.
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	Not Applicable	no audio leatures.
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	No instances of audio content.
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.	Not Applicable	Product does not require speech.
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.	Support with Exceptions	Individuals with fine motor control may find it difficult to insert cables such as RJ-11 and RJ-45 into the Blade Servers. For software administration, each device can be managed through Cisco UCS Manager. Please see the Cisco UCS Manager VPAT for more
	Assistive Technology used by people who are deaf or hard of hearing shall be provided 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. 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. 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	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 providedNot ApplicableWhere 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 ApplicableAt 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.Not ApplicableAt 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 beSupport with Exceptions

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508 Clause	Criteria	Supporting Features	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.

Section 1194.41: Information, Documentation and Support - Detail

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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		
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	

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Explanations" column. Please document the reason in the "Remarks
and Explanations" column.

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