

# Avaya Accessibility Conformance Report

VPAT® Version 2.1 – March 2018

**Name of Product/Version:** Avaya G450 Branch Gateway, Release 8.1

**Product Description:** The Avaya G450 Branch Gateway is a multipurpose media gateway that can support up to 450 users when deployed as a Branch Gateway in a mid-to-large branch office of a large enterprise or a call center. This requires Avaya Aura® Communication Manager software running on one or more Avaya servers.

**Date:** June 2019

**Contact information:** [huh@avaya.com](mailto:huh@avaya.com)

## Notes:

The Avaya G450 Branch Gateway Release 8.1 does not have any Web-based access.

The Avaya G450 Branch Gateway command line interface is accessed via terminal emulation software that resides on the administrator's desktop computer. The conformance statements in this document assume that the terminal emulation software is fully conformant with the statutory requirements of Section 508.

The statements in this document refer only to the text-based command line interface used to administer the Standard Local Survivability (SLS) feature. The SLS feature provides basic telephone services in the event that the connection with the primary External Call Controller (ECC) is lost and there are no survivable servers configured with this branch gateway.

Service personnel and system administrators who require the support of assistive technologies may be unable to perform the initial installation, system setup and upgrades of the Avaya G450 Branch Gateway.

**Evaluation Methods Used:** Testing is based on general product knowledge

## Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
<a href="#">Revised Section 508 standards</a> as published by the U.S. Access Board in the Federal Register on January 18, 2017 <a href="#">Corrections to the ICT Final Rule</a> as published by the US Access Board in the Federal Register on January 22, 2018	Yes

## Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Supports with Exceptions:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can be used only in WCAG 2.0 Level AAA.

## 2017 Section 508 Report

Notes:

### Chapter 3: Functional Performance Criteria (FPC)

Notes: The Avaya G450 Branch Gateway command line interface is accessed via a terminal emulation software that resides on the administrator’s desktop computer. The conformance statements in this document assumes that the terminal emulation software is fully conformant with the statutory requirements of Section 508.

Criteria	Conformance Level	Remarks and Explanations
<b>302.1 Without Vision.</b> Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that does not require	Does Not Support	The Avaya G450 Branch Gateway command line interface is accessed via

Criteria	Conformance Level	Remarks and Explanations
user vision.		terminal emulation software that resides on the user's desktop computer. Screen reading technology may not work in this environment.
<b>302.2 With Limited Vision.</b> Where a visual mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited vision.	Supports	The Avaya G450 Branch Gateway command line administrative interface is text-only. The ability to change the size, color, and font of the text is dependent on the administrator's terminal emulation software.
<b>302.3 Without Perception of Color.</b> Where a visual mode of operation is provided, ICT shall provide at least one visual mode of operation that does not require user perception of color.	Supports	The Avaya G450 Branch Gateway command line administrative interface does not use color coding.
<b>302.4 Without Hearing.</b> Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that does not require user hearing.	Supports	The Avaya G450 Branch Gateway command line administrative interface does not have an audio component.
<b>302.5 With Limited Hearing.</b> Where an audible mode of operation is provided, ICT shall provide at least one mode of operation that enables users to make use of limited hearing.	Supports	The Avaya G450 Branch Gateway command line administrative interface does not have an audio component.
<b>302.6 Without Speech.</b> Where speech is used for input, control, or operation, ICT shall provide at least one mode of operation that does not require user speech.	Supports	No mode of operation or information retrieval in the Avaya G450 Branch Gateway requires user speech.
<b>302.7 With Limited Manipulation.</b> Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that does not require fine motor control or simultaneous manual operations.	Supports	No mode of operation or information retrieval in the Avaya G450 Branch Gateway requires fine motor control or simultaneous actions.
<b>302.8 With Limited Reach and Strength.</b> Where a manual mode of operation is provided, ICT shall provide at least one mode of operation that is operable with limited reach and limited strength.	Supports	Operability with limited reach and strength is dependent on the user's terminal.
<b>302.9 With Limited Language, Cognitive, and Learning Abilities.</b> ICT shall provide features making its use by individuals with limited cognitive, language, and learning abilities simpler and easier.	Supports	The Avaya G450 Branch Gateway Standard Local Survivability (SLS) administration requires understanding of the SLS administration as described in the Avaya G450 Branch Gateway CLI Reference document.



## Chapter 4: Hardware

Notes: The Avaya G450 Branch Gateway command line interface is accessed via a terminal emulation software that resides on the administrator's desktop computer. The conformance statements in this document assumes that the terminal emulation software is fully conformant with the statutory requirements of Section 508. Service personnel and system administrators who require the support of assistive technologies may be unable to perform the initial installation, system setup and upgrades of the Avaya G450 Branch Gateway.

Criteria	Conformance Level	Remarks and Explanations
402 Closed Functionality	Heading cell – no response required	Heading cell – no response required
<b>402.1 General</b>	Heading cell – no response required	Heading cell – no response required
<b>402.2 Speech-Output Enabled</b>	Heading cell – no response required	Heading cell – no response required
<b>402.2.1 Information Displayed On-Screen.</b> Speech output shall be provided for all information displayed on-screen.	Not Applicable	
<b>402.2.2 Transactional Outputs.</b> Where transactional outputs are provided, the speech output shall audibly provide all information necessary to verify a transaction.	Not Applicable	
<b>402.2.3 Speech Delivery Type and Coordination.</b> Speech output shall be delivered through a mechanism that is readily available to all users, including, but not limited to, an industry standard connector or a telephone handset. Speech shall be recorded or digitized human, or synthesized. Speech output shall be coordinated with information displayed on the screen.	Not Applicable	
<b>402.2.4 User Control.</b> Speech output for any single function shall be automatically interrupted when a transaction is selected. Speech output shall be capable of being repeated and paused.	Not Applicable	
<b>402.2.5 Braille Instructions.</b> Where speech output is required by 402.2, braille instructions for initiating the speech mode of operation shall be provided. Braille shall be contracted and shall conform to 36 CFR Part 1191, Appendix D, Section 703.3.1.  EXCEPTION: Devices for personal use shall not be required to conform to 402.2.5.	Not Applicable	
<b>402.3 Volume</b>	Heading cell – no response required	Heading cell – no response required
<b>402.3.1 Private Listening.</b> Where ICT provides private listening, it shall provide a mode of operation for controlling the volume. Where ICT	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
delivers output by an audio transducer typically held up to the ear, a means for effective magnetic wireless coupling to hearing technologies shall be provided.		
<b>402.3.2 Non-private Listening.</b> Where ICT provides non-private listening, incremental volume control shall be provided with output amplification up to a level of at least 65 dB. A function shall be provided to automatically reset the volume to the default level after every use.	Not Applicable	
<b>402.4 Characters on Display Screens.</b> At least one mode of characters displayed on the screen shall be in a sans serif font. Where ICT does not provide a screen enlargement feature, characters shall be 3/16 inch (4.8 mm) high minimum based on the uppercase letter "I". Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.	Not Applicable	
<b>402.5 Characters on Variable Message Signs.</b> Characters on variable message signs shall conform to section 703.7 Variable Message Signs of ICC A117.1-2009 (incorporated by reference, see 702.6.1).	Not Applicable	
<b>403 Biometrics</b>	Heading cell – no response required	Heading cell – no response required
<b>403.1 General.</b> Where provided, biometrics shall not be the only means for user identification or control.  EXCEPTION: Where at least two biometric options that use different biological characteristics are provided, ICT shall be permitted to use biometrics as the only means for user identification or control.	Not Applicable	
<b>404 Preservation of Information Provided for Accessibility</b>	Heading cell – no response required	Heading cell – no response required
<b>404.1 General.</b> ICT that transmits or converts information or communication shall not remove non-proprietary information provided for accessibility or shall restore it upon delivery.	Supports	All information and communication that is transmitted reliably on the Public Switched Telephone Network (PSTN) can be transmitted reliably via The Avaya G450 Branch Gateway. NOTE: VoIP networks commonly support a variety of audio encoding techniques. Some of these do not provide reliable support for assistive communication technologies that rely on non-voice audio transmissions. For example, the accuracy of TTY

Criteria	Conformance Level	Remarks and Explanations
		transmissions is not assured if the signals are not digitally encoded in the manner specified by ITU-T Recommendation G.711. For this reason, conformance to this criterion may require the system administrator to enable or disable some of the available encoding options.
<b>405 Privacy</b>	Heading cell – no response required	Heading cell – no response required
<b>405.1 General.</b> The same degree of privacy of input and output shall be provided to all individuals. When speech output required by 402.2 is enabled, the screen shall not blank automatically.	Not Applicable	
<b>406 Standard Connections</b>	Heading cell – no response required	Heading cell – no response required
<b>406.1 General.</b> Where data connections used for input and output are provided, at least one of each type of connection shall conform to industry standard non-proprietary formats.	Supports	All Avaya G450 Branch Gateway input and output data connections conform to industry standard non-proprietary formats.
<b>407 Operable Parts</b>	Heading cell – no response required	Heading cell – no response required
<b>407.2 Contrast.</b> Where provided, keys and controls shall contrast visually from background surfaces. Characters and symbols shall contrast visually from background surfaces with either light characters or symbols on a dark background or dark characters or symbols on a light background.	Not Applicable	
<b>407.3 Input Controls</b>	Heading cell – no response required	Heading cell – no response required
<b>407.3.1 Tactilely Discernible.</b> Input controls shall be operable by touch and tactilely discernible without activation.	Not Applicable	
<b>407.3.2 Alphabetic Keys.</b> Where provided, individual alphabetic keys shall be arranged in a QWERTY-based keyboard layout and the “F” and “J” keys shall be tactilely distinct from the other keys.	Not Applicable	
<b>407.3.3 Numeric Keys.</b> Where provided, numeric keys shall be arranged in a 12-key ascending or descending keypad layout. The number five key shall be tactilely distinct from the other keys. Where the ICT provides an alphabetic overlay on numeric keys, the relationships between letters and digits shall conform to ITU-T Recommendation E.161 (incorporated by reference, see 702.7.1).	Not Applicable	
<b>407.4 Key Repeat.</b> Where a keyboard with key repeat is provided, the delay before the key repeat feature is activated shall be fixed at, or adjustable to, 2 seconds minimum.	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
<b>407.5 Timed Response.</b> Where a timed response is required, the user shall be alerted visually, as well as by touch or sound, and shall be given the opportunity to indicate that more time is needed.	Not Applicable	
<b>407.6 Operation.</b> At least one mode of operation shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds (22.2 N) maximum.	Not Applicable	
<b>407.7 Tickets, Fare Cards, and Keycards.</b> Where tickets, fare cards, or keycards are provided, they shall have an orientation that is tactilely discernible if orientation is important to further use of the ticket, fare card, or keycard.	Not Applicable	
<b>407.8 Reach Height and Depth</b>	Heading cell – no response required	Heading cell – no response required
<b>407.8.1 Vertical Reference Plane.</b> Operable parts shall be positioned for a side reach or a forward reach determined with respect to a vertical reference plane. The vertical reference plane shall be located in conformance to 407.8.2 or 407.8.3.	Not Applicable	
<b>407.8.1.1 Vertical Plane for Side Reach.</b> Where a side reach is provided, the vertical reference plane shall be 48 inches (1220 mm) long minimum.	Not Applicable	
<b>407.8.1.2 Vertical Plane for Forward Reach.</b> Where a forward reach is provided, the vertical reference plane shall be 30 inches (760 mm) long minimum.	Not Applicable	
<b>407.8.2 Side Reach.</b> Operable parts of ICT providing a side reach shall conform to 407.8.2.1 or 407.8.2.2. The vertical reference plane shall be centered on the operable part and placed at the leading edge of the maximum protrusion of the ICT within the length of the vertical reference plane. Where a side reach requires a reach over a portion of the ICT, the height of that portion of the ICT shall be 34 inches (865 mm) maximum.	Not Applicable	
<b>407.8.2.1 Unobstructed Side Reach.</b> Where the operable part is located 10 inches (255 mm) or less beyond the vertical reference plane, the operable part shall be 48 inches (1220 mm) high maximum and 15 inches (380 mm) high minimum above the floor.	Not Applicable	
<b>407.8.2.2 Obstructed Side Reach.</b> Where the operable part is located more than 10 inches (255 mm), but not more than 24 inches (610 mm), beyond the vertical reference plane, the height of the operable part shall be 46 inches (1170 mm) high maximum and 15 inches (380 mm) high	Not Applicable	



Criteria	Conformance Level	Remarks and Explanations
<p>minimum above the floor. The operable part shall not be located more than 24 inches (610 mm) beyond the vertical reference plane.</p>		
<p><b>407.8.3 Forward Reach.</b> Operable parts of ICT providing a forward reach shall conform to 407.8.3.1 or 407.8.3.2. The vertical reference plane shall be centered, and intersect with, the operable part. Where a forward reach allows a reach over a portion of the ICT, the height of that portion of the ICT shall be 34 inches (865 mm) maximum.</p>	Not Applicable	
<p><b>407.8.3.1 Unobstructed Forward Reach.</b> Where the operable part is located at the leading edge of the maximum protrusion within the length of the vertical reference plane of the ICT, the operable part shall be 48 inches (1220 mm) high maximum and 15 inches (380 mm) high minimum above the floor.</p>	Not Applicable	
<p><b>407.8.3.2 Obstructed Forward Reach.</b> Where the operable part is located beyond the leading edge of the maximum protrusion within the length of the vertical reference plane, the operable part shall conform to 407.8.3.2. The maximum allowable forward reach to an operable part shall be 25 inches (635 mm).</p>	Not Applicable	
<p><b>407.8.3.2.1 Operable Part Height for ICT with Obstructed Forward Reach.</b> If the reach depth is less than 20 inches (510 mm), the operable part height shall be 48 inches (1220 mm) maximum. If the reach depth is 20 inches (510 mm) to 25 inches (635 mm), the operable part height shall be 44 inches (1120 mm) maximum.</p>	Not Applicable	
<p><b>407.8.3.2.2 Knee and Toe Space under ICT with Obstructed Forward Reach.</b> Knee and toe space under ICT shall be 27 inches (685 mm) high minimum, 25 inches (635 mm) deep maximum, and 30 inches (760 mm) wide minimum and shall be clear of obstructions.</p> <p>EXCEPTIONS:</p> <ol style="list-style-type: none"> <li>1. Toe space shall be permitted to provide a clear height of 9 inches (230 mm) minimum above the floor and a clear depth of 6 inches (150 mm) maximum from the vertical reference plane toward the leading edge of the ICT.</li> <li>2. At a depth of 6 inches (150 mm) maximum from the vertical reference plane toward the leading edge of the ICT, space between 9 inches (230 mm) and 27 inches (685 mm) minimum above the floor shall be permitted to reduce at a rate of 1 inch (25 mm) in depth for every 6 inches (150 mm) in height.</li> </ol>	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
<b>408 Display Screens</b>	Heading cell – no response required	Heading cell – no response required
<b>408.2 Visibility.</b> Where stationary ICT provides one or more display screens, at least one of each type of display screen shall be visible from a point located 40 inches (1015 mm) above the floor space where the display screen is viewed.	Not Applicable	
<b>408.3 Flashing.</b> Where ICT emits lights in flashes, there shall be no more than three flashes in any one-second period.  EXCEPTION: Flashes that do not exceed the general flash and red flash thresholds defined in WCAG 2.0 (incorporated by reference, see 702.10.1) are not required to conform to 408.3.	Not Applicable	
<b>409 Status Indicators</b>	Heading cell – no response required	Heading cell – no response required
<b>409.1 General.</b> Where provided, status indicators shall be discernible visually and by touch or sound.	Not Applicable	
<b>410 Color Coding</b>	Heading cell – no response required	Heading cell – no response required
<b>410.1 General.</b> Where provided, color coding shall not be used as the only means of conveying information, indicating an action, prompting a response, or distinguishing a visual element.	Not Applicable	The Avaya G450 Branch Gateway command line administrative interface does not use color coding.
<b>411 Audible Signals</b>	Heading cell – no response required	Heading cell – no response required
<b>411.1 General.</b> Where provided, audible signals or cues shall not be used as the only means of conveying information, indicating an action, or prompting a response	Not Applicable	The Avaya G450 Branch Gateway command line administrative interface does not have an audio component.
<b>412 ICT with Two-Way Voice Communication</b>	Heading cell – no response required	Heading cell – no response required
<b>412.2 Volume Gain</b>	Heading cell – no response required	Heading cell – no response required
<b>412.2.1 Volume Gain for Wireline Telephones.</b> Volume gain conforming to 47 CFR 68.317 shall be provided on analog and digital wireline telephones.	Not Applicable	
<b>412.2.2 Volume Gain for Non-Wireline ICT.</b> A method for increasing volume shall be provided for non-wireline ICT.	Not Applicable	
<b>412.3 Interference Reduction and Magnetic Coupling</b>	Heading cell – no response required	Heading cell – no response required
<b>412.3.1 Wireless Handsets.</b> ICT in the form of wireless handsets shall conform to ANSI/IEEE C63.19-2011 (incorporated by reference, see 702.5.1)	Not Applicable	
<b>412.3.2 Wireline Handsets.</b> ICT in the form of wireline handsets, including cordless handsets, shall conform to TIA-1083-B (incorporated by reference, see 702.9.1).	Not Applicable	

Criteria	Conformance Level	Remarks and Explanations
<b>412.4 Digital Encoding of Speech.</b> ICT in IP-based networks shall transmit and receive speech that is digitally encoded in the manner specified by ITU-T Recommendation G.722.2 (incorporated by reference, see 702.7.2) or IETF RFC 6716 (incorporated by reference, see 702.8.1).	Supports with Exceptions	Although Avaya systems support the IETF 6716 digital encoding technique, calls that are handled by the Avaya G450 Branch Gateways are bandwidth-limited to 3,200 Hz.
<b>412.5 Real-Time Text Functionality.</b> [Reserved].	Reserved for future	Reserved for future
<b>412.6 Caller ID.</b> Where provided, caller identification and similar telecommunications functions shall be visible and audible.	Not Applicable	
<b>412.7 Video Communication.</b> Where ICT provides real-time video functionality, the quality of the video shall be sufficient to support communication using sign language.	Not Applicable	
<b>412.8 Legacy TTY Support</b>	Heading cell – no response required	Heading cell – no response required
<b>412.8.1 TTY Connectability.</b> ICT shall include a standard non-acoustic connection point for TTYs.	Not Applicable	
<b>412.8.2 Voice and Hearing Carry Over.</b> ICT shall provide a microphone capable of being turned on and off to allow the user to intermix speech with TTY use.	Not Applicable	
<b>412.8.3 Signal Compatibility.</b> ICT shall support all commonly used cross-manufacturer non-proprietary standard TTY signal protocols where the system interoperates with the Public Switched Telephone Network (PSTN).	Supports	The Avaya G450 Branch Gateway supports all commonly used cross-manufacturer non-proprietary standard TTY signal protocols where the system interoperates with the Public Switched Telephone Network (PSTN). NOTE: Conformance to this criterion may require the system administrator to enable or disable some of the available audio encoding options. For example, for transmissions that utilize the US standard "Baudot" TTY technique (EIA/TIA 825a), audio encoding based on ITU-T Recommendation G.711 is appropriate.
<b>412.8.4 Voice Mail and Other Messaging Systems.</b> Where provided, voice mail, auto-attendant, interactive voice response, and caller identification systems shall be usable with a TTY.	Not Applicable	
<b>413 Closed Caption Processing Technologies</b>	Heading cell – no response required	Heading cell – no response required

Criteria	Conformance Level	Remarks and Explanations
<b>413.1.1 Decoding and Display of Closed Captions.</b> Players and displays shall decode closed caption data and support display of captions.	Not Applicable	
<b>413.1.2 Pass-Through of Closed Caption Data.</b> Cabling and ancillary equipment shall pass through caption data.	Not Applicable	
<b>414 Audio Description Processing Technologies</b>	Heading cell – no response required	Heading cell – no response required
<b>414.1.1 Digital Television Tuners.</b> Digital television tuners shall provide audio description processing that conforms to ATSC A/53 Digital Television Standard, Part 5 (2014) (incorporated by reference, see 702.2.1). Digital television tuners shall provide processing of audio description when encoded as a Visually Impaired (VI) associated audio service that is provided as a complete program mix containing audio description according to the ATSC A/53 standard.	Not Applicable	
<b>414.1.2 Other ICT.</b> ICT other than digital television tuners shall provide audio description processing.	Not Applicable	
<b>415 User Controls for Captions and Audio Descriptions</b>	Heading cell – no response required	Heading cell – no response required
<b>415.1.1 Caption Controls.</b> Where ICT provides operable parts for volume control, ICT shall also provide operable parts for caption selection.	Not Applicable	
<b>415.1.2 Audio Description Controls.</b> Where ICT provides operable parts for program selection, ICT shall also provide operable parts for the selection of audio description.	Not Applicable	

## Chapter 5: Software

Notes: The Avaya G450 Branch Gateway command line interface is accessed via a terminal emulation software that resides on the administrator's desktop computer. The conformance statements in this document assumes that the terminal emulation software is fully conformant with the statutory requirements of Section 508. The Avaya G450 Branch Gateway Release 8.1 does not have any Web-based access.

Criteria	Conformance Level	Remarks and Explanations
<b>501.1 Scope</b> – Incorporation of WCAG 2.0 AA	See <a href="#">WCAG 2.0</a> section	See information in WCAG section
<b>502 Interoperability with Assistive Technology</b>	Heading cell – no response required	Heading cell – no response required
<b>502.2.1 User Control of Accessibility Features.</b> Platform software shall provide user control over platform features that are defined in the platform documentation as accessibility features.	Supports	
<b>502.2.2 No Disruption of Accessibility Features.</b> Software shall not	Supports	The command line interface does not

Criteria	Conformance Level	Remarks and Explanations
disrupt platform features that are defined in the platform documentation as accessibility features.		interrupt with any operating system accessibility features.
<b>502.3 Accessibility Services</b>	Heading cell – no response required	Heading cell – no response required
<b>502.3.1 Object Information.</b> The object role, state(s), properties, boundary, name, and description shall be programmatically determinable.	Not Applicable	This product is a command line interface
<b>502.3.2 Modification of Object Information.</b> States and properties that can be set by the user shall be capable of being set programmatically, including through assistive technology.	Not Applicable	This product is a command line interface
<b>502.3.3 Row, Column, and Headers.</b> If an object is in a data table, the occupied rows and columns, and any headers associated with those rows or columns, shall be programmatically determinable.	Not Applicable	This product is a command line interface
<b>502.3.4 Values.</b> Any current value(s), and any set or range of allowable values associated with an object, shall be programmatically determinable.	Not Applicable	This product is a command line interface
<b>502.3.5 Modification of Values.</b> Values that can be set by the user shall be capable of being set programmatically, including through assistive technology.	Not Applicable	This product is a command line interface
<b>502.3.6 Label Relationships.</b> Any relationship that a component has as a label for another component, or of being labeled by another component, shall be programmatically determinable.	Not Applicable	This product is a command line interface
<b>502.3.7 Hierarchical Relationships.</b> Any hierarchical (parent-child) relationship that a component has as a container for, or being contained by, another component shall be programmatically determinable.	Not Applicable	This product is a command line interface
<b>502.3.8 Text.</b> The content of text objects, text attributes, and the boundary of text rendered to the screen, shall be programmatically determinable.	Not Applicable	This product is a command line interface
<b>502.3.9 Modification of Text.</b> Text that can be set by the user shall be capable of being set programmatically, including through assistive technology.	Not Applicable	This product is a command line interface
<b>502.3.10 List of Actions.</b> A list of all actions that can be executed on an object shall be programmatically determinable.	Not Applicable	This product is a command line interface
<b>502.3.11 Actions on Objects.</b> Applications shall allow assistive technology to programmatically execute available actions on objects.	Not Applicable	This product is a command line interface
<b>502.3.12 Focus Cursor.</b> Applications shall expose information and mechanisms necessary to track focus, text insertion point, and selection	Not Applicable	This product is a command line interface

Criteria	Conformance Level	Remarks and Explanations
attributes of user interface components.		
<b>502.3.13 Modification of Focus Cursor.</b> Focus, text insertion point, and selection attributes that can be set by the user shall be capable of being set programmatically, including through the use of assistive technology.	Not Applicable	This product is a command line interface
<b>502.3.14 Event Notification.</b> Notification of events relevant to user interactions, including but not limited to, changes in the component's state(s), value, name, description, or boundary, shall be available to assistive technology.	Not Applicable	This product is a command line interface
<p><b>502.4 Platform Accessibility Features.</b> Platforms and platform software shall conform to the requirements in ANSI/HFES 200.2, Human Factors Engineering of Software User Interfaces — Part 2: Accessibility (2008) (incorporated by reference, see 702.4.1) listed below:</p> <ul style="list-style-type: none"> <li>A. Section 9.3.3 Enable sequential entry of multiple (chorded) keystrokes;</li> <li>B. Section 9.3.4 Provide adjustment of delay before key acceptance;</li> <li>C. Section 9.3.5 Provide adjustment of same-key double-strike acceptance;</li> <li>D. Section 10.6.7 Allow users to choose visual alternative for audio output;</li> <li>E. Section 10.6.8 Synchronize audio equivalents for visual events;</li> <li>F. Section 10.6.9 Provide speech output services; and</li> <li>G. Section 10.7.1 Display any captions provided.</li> </ul>	Not Applicable	This product is a command line interface
<b>503 Applications</b>	Heading cell – no response required	Heading cell – no response required
<b>503.2 User Preferences.</b> Applications shall permit user preferences from platform settings for color, contrast, font type, font size, and focus cursor.	Not Applicable	This product is a command line interface
<b>503.3 Alternative User Interfaces.</b> Where an application provides an alternative user interface that functions as assistive technology, the application shall use platform and other industry standard accessibility services.	Not Applicable	This product is a command line interface
<b>503.4 User Controls for Captions and Audio Description</b>	Heading cell – no response required	Heading cell – no response required
<b>503.4.1 Caption Controls.</b> Where user controls are provided for volume adjustment, ICT shall provide user controls for the selection of captions at the same menu level as the user controls for volume or	Not Applicable	This product is a command line interface

Criteria	Conformance Level	Remarks and Explanations
program selection.		
<b>503.4.2 Audio Description Controls.</b> Where user controls are provided for program selection, ICT shall provide user controls for the selection of audio descriptions at the same menu level as the user controls for volume or program selection.	Not Applicable	This product is a command line interface
<b>504 Authoring Tools</b>	Heading cell – no response required	Heading cell – no response required
<b>504.2 Content Creation or Editing.</b> Authoring tools shall provide a mode of operation to create or edit content that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) for all supported features and, as applicable, to file formats supported by the authoring tool. Authoring tools shall permit authors the option of overriding information required for accessibility.  EXCEPTION: Authoring tools shall not be required to conform to 504.2 when used to directly edit plain text source code.  (NOTE: If the product is not an authoring tool, enter “not applicable”)	Not Applicable	This product is a command line interface
<b>504.2.1 Preservation of Information Provided for Accessibility in Format Conversion.</b> Authoring tools shall, when converting content from one format to another or saving content in multiple formats, preserve the information required for accessibility to the extent that the information is supported by the destination format.	Not Applicable	This product is a command line interface
<b>504.2.2 PDF Export.</b> Authoring tools capable of exporting PDF files that conform to ISO 32000-1:2008 (PDF 1.7) shall also be capable of exporting PDF files that conform to ANSI/AIIM/ISO 14289-1:2016 (PDF/UA-1) (incorporated by reference, see 702.3.1).	Not Applicable	This product is a command line interface
<b>504.3 Prompts.</b> Authoring tools shall provide a mode of operation that prompts authors to create content that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) for supported features and, as applicable, to file formats supported by the authoring tool.	Not Applicable	This product is a command line interface
<b>504.4 Templates.</b> Where templates are provided, templates allowing content creation that conforms to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1) shall be provided for a range of template uses for supported features and, as applicable, to file formats supported by the authoring tool.	Not Applicable	This product is a command line interface

## Chapter 6: Support Documentation and Services

Notes: The Avaya G450 Branch Gateway Release 8.1 does not have any Web-based access.

Criteria	Conformance Level	Remarks and Explanations
<b>601.1 Scope</b>	Heading cell – no response required	Heading cell – no response required
<b>602 Support Documentation</b>	Heading cell – no response required	Heading cell – no response required
<b>602.2 Accessibility and Compatibility Features.</b> Documentation shall list and explain how to use the accessibility and compatibility features required by Chapters 4 and 5. Documentation shall include accessibility features that are built-in and accessibility features that provide compatibility with assistive technology.	Does Not Support	The Avaya G450 Branch Gateway documentation does not list or explain how to use the accessibility and compatibility features.
<b>602.3 Electronic Support Documentation.</b> Documentation in electronic format, including Web-based self-service support, shall conform to Level A and Level AA Success Criteria and Conformance Requirements in WCAG 2.0 (incorporated by reference, see 702.10.1).	Not Applicable	The Avaya G450 Branch Gateway Release 8.1 does not have any Web-based access.
<b>602.4 Alternate Formats for Non-Electronic Support Documentation.</b> Where support documentation is only provided in non-electronic formats, alternate formats usable by individuals with disabilities shall be provided upon request.	Supports	Avaya G450 Branch Gateway documentation is available in PDF format can be downloaded and printed.
<b>603 Support Services</b>	Heading cell – no response required	Heading cell – no response required
<b>603.2 Information on Accessibility and Compatibility Features.</b> ICT support services shall include information on the accessibility and compatibility features required by 602.2.	Supports	Avaya support services are available to people with disabilities and accessibility information can be provided upon request.
<b>603.3 Accommodation of Communication Needs.</b> Support services shall be provided directly to the user or through a referral to a point of contact. Such ICT support services shall accommodate the communication needs of individuals with disabilities.	Supports	Support services provided by Avaya can support the communication needs of people with disabilities.

© 2019 Avaya Inc.

All rights reserved. Except as specifically stated, none of the material may be copied, reproduced, distributed, republished, downloaded, displayed, posted, or transmitted in any form without authorized, prior written permission from Avaya Inc. Permission is granted for you to make a single copy of Avaya Inc. “Section 508” documents, solely for informational and non-commercial use within your organization, provided that you keep intact all copyright and other proprietary notices. No other use of the information provided is authorized.



This market information is provided, pursuant to FAR Part 39.2, to be used by Requiring Officers. It is not intended to represent a certification for compliance. Any statement of compliance or conformance indicated on this document is an indication that the product shall be capable, at the time of its delivery, when used in accordance with Avaya's associated documents, and other written information provided to the government, of providing comparable access to individuals with disabilities consistent with the designated provision of the Standards, provided that any assistive technologies used with the product properly interoperates with it and other assistive technologies.