NagleCode Accessibility Conformance Report

Revised Section 508 Edition

(Based on VPAT® Version 2.4Rev)

Name of Product/Version: Packet Sender v8.0.9 for Windows

Report Date: December 11, 2022

Product Description: Utility for Sending/Receiving UDP, TCP, SSL, HTTP

Contact Information: hello@packetsender.com

Notes: This test used Windows 11. Mac and Linux should be very similar.

Evaluation Methods Used: Test and Demonstration

Applicable Standards/Guidelines

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

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes)
	Level AA (Yes)
	Level AAA (No)
Revised Section 508 standards published January 18, 2017 and corrected 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.
- **Partially Supports**: 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.

WCAG 2.0 Report

Tables 1 and 2 also document conformance with Revised Section 508:

- Chapter 5 – 501.1 Scope, 504.2 Content Creation or Editing
- Chapter 6 – 602.3 Electronic Support Documentation

Note: When reporting on conformance with the WCAG 2.0 Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the WCAG 2.0 Conformance Requirements.

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	GUI: All iconography has text labels. CLI: No images are used.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	The product has no multimedia.
1.2.2 Captions (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	The product has no multimedia.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	The product has no multimedia.
1.3.1 Info and Relationships (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool)	Partially Supports	GUI: The layout is in a top-left to bottom-right order of importance and workflow. CLI:

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs)		The command line uses meaningful words with all commands detailed in it is help.
1.3.2 Meaningful Sequence (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Partially Supports	GUI: The layout is in a meaningful hierarchy. However, the user has limited ability to adjust it. CLI: The command line does not support tab-completion.
1.3.3 Sensory Characteristics (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	GUI: The user has a choice of light mode or dark depending on preference. CLI: The user can use their preferred terminal software with their preferred color scheme.
1.4.1 Use of Color (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	GUI: Different colors are used to distinguish packet types and direction, but the next column over has a textual description for it. CLI: There is no use of coloring.
1.4.2 Audio Control (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Not Applicable	The product has no multimedia.
2.1.1 Keyboard (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool)	Supports	GUI: The main window has dedicated hotkeys for each UI field. Secondary windows support tab-navigation. CLI:

Criteria	Conformance Level	Remarks and Explanations
• 602.3 (Support Docs)		The user can use their preferred terminal software.
2.1.2 No Keyboard Trap (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	GUI: Tab completion cycles through correctly. The hotkey can jump to any main window location. CLI: The user can use any preferred terminal application.
2.2.1 Timing Adjustable (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	GUI: Only relevant section where timing could trigger content changes would be logging or resend, which can be disabled. CLI: There are no timing areas.
2.2.2 Pause, Stop, Hide (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	GUI: Logging can be paused or unpaused on-demand through the main GUI window. CLI: There is nothing to play/stop/hide.
2.3.1 Three Flashes or Below Threshold (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	GUI: There is no flashing content. CLI: There is no flashing content.
2.4.1 Bypass Blocks (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Not Applicable	This is not web software.

Criteria	Conformance Level	Remarks and Explanations

2.4.2 Page Titled (Level A)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Not Applicable	This is not web software.

2.4.3 Focus Order (Level A)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Supports	GUI:
		Tab-completion follows a logical order.
		
		CLI:
		This is not applicable here.

2.4.4 Link Purpose (In Context) (Level A)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Supports	GUI:
		The handful of links are clear with their text
		
		CLI:
		There are no links.

3.1.1 Language of Page (Level A)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Does Not Support	Only English is supported.

3.2.1 On Focus (Level A)
Also applies to:
Revised Section 508
   • 501 (Web)(Software)
   • 504.2 (Authoring Tool)
   • 602.3 (Support Docs)
	Partially Supports	GUI:
		Leaving the focus of HEX/ASCII will trigger a change in the respective HEX/ASCII translation. This is critical for the application to work, but it could be disorienting if not expected.
		
		CLI:
		There are no forms to trigger an on-change.

3.2.2 On Input (Level A)	Partially Supports	GUI:

Criteria	Conformance Level	Remarks and Explanations
Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)		Leaving the focus of HEX/ASCII will trigger a change in the respective HEX/ASCII translation. This is critical for the application to work, but it could be disorienting if not expected. CLI: There are no forms to trigger an on-change.
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Partially Supports	GUI: Most errors are silently consumed and auto-corrected. Some are outputted as status updates in the bottom left. Critical ones will pop a box, but those are rare. CLI: Supports. Lots of warnings and errors are outputted.
3.3.2 Labels or Instructions (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Does Not Support	The only meaningful help is the website documentation.
4.1.1 Parsing (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	The only markup language is the documentation, and it correctly conforms to standards.
4.1.2 Name, Role, Value (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Does Not Support	All the elements have IDs, but they are not exposed to the user. There is hotkey support for important form controls.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations

1.2.4 Captions (Live) (Level AA)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Not Applicable	The product has no multimedia.

1.2.5 Audio Description (Prerecorded) (Level AA)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Not Applicable	The product has no multimedia.

1.4.3 Contrast (Minimum) (Level AA)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Partially Supports	GUI:
		Core functionality has consistent contrast in either light or dark. Some buttons are easier to see in dark mode versus light mode. There is no support for high-contrast mode.
		
		CLI:
		The user may use their preferred terminal tool.

1.4.4 Resize text (Level AA)
Also applies to:
Revised Section 508
    • 501 (Web)(Software)
    • 504.2 (Authoring Tool)
    • 602.3 (Support Docs)
	Partially Supports	GUI:
		Text resizing using the OS-supported setting only partially works for some of the UI elements. All functionality is maintained.
		
		CLI:
		Supports. The user may use their preferred terminal tool.

Criteria	Conformance Level	Remarks and Explanations
1.4.5 Images of Text (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	No imagery is used except in documentation, and it uses alt-text inside it.
2.4.5 Multiple Ways (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Supports	This is not web-based software.
2.4.6 Headings and Labels (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Partially Supports	GUI: Input forms are labelled. They do not have hover-help. CLI: The help menu provides help for every control.
2.4.7 Focus Visible (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	GUI: Form inputs are clearly accented when in focus. CLI: This does not apply.
3.1.2 Language of Parts (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Does not support	Only English is supported, and there is no indicator for it.
3.2.3 Consistent Navigation (Level AA) Also applies to: Revised Section 508	Supports	This is not a web application.

Criteria	Conformance Level	Remarks and Explanations
• 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs		
3.2.4 Consistent Identification (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) – Does not apply to non-web software • 504.2 (Authoring Tool) • 602.3 (Support Docs) – Does not apply to non-web docs	Supports	This is not a web application.
3.3.3 Error Suggestion (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Partially Supports	GUI: A handful of input errors will trigger a suggestion. However, most are consumed or ignored. CLI: Supports. Lots of errors are outputted with warnings and suggestions.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	GUI: This software does not process or legal information. For everything else, nothing is saved until Save is clicked or Enter is pressed when inside the saved packet table. CLI: No saved data is modifiable.

Table 3: Success Criteria, Level AAA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA) Revised Section 508 – Does not apply	Not Applicable	The product has no multimedia.
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)	Not Applicable	The product has no multimedia.

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 – Does not apply		
1.2.8 Media Alternative (Prerecorded) (Level AAA) Revised Section 508 – Does not apply	Not Applicable	The product has no multimedia.
1.2.9 Audio-only (Live) (Level AAA) Revised Section 508 – Does not apply	Not Applicable	The product has no multimedia.
1.4.6 Contrast (Enhanced) (Level AAA) Revised Section 508 – Does not apply	Partially Supported	Depending on Dark or Light mode, not all text meets the contrast criteria. All on the main UI does.
1.4.7 Low or No Background Audio (Level AAA) Revised Section 508 – Does not apply	Not Applicable	The product has no multimedia.
1.4.8 Visual Presentation (Level AAA) Revised Section 508 – Does not apply	Not Applicable	The product has no multimedia.
1.4.9 Images of Text (No Exception) (Level AAA) Revised Section 508 – Does not apply	Supported	All important iconography as a text equivalent.
2.1.3 Keyboard (No Exception) (Level AAA) Revised Section 508 – Does not apply	Supported	All areas the GUI can be navigated by the keyboard.
2.2.3 No Timing (Level AAA) Revised Section 508 – Does not apply	Supported	Time is not measured on any input.
2.2.4 Interruptions (Level AAA) Revised Section 508 – Does not apply	Supported	Time is not measured on any input.
2.2.5 Re-authenticating (Level AAA) Revised Section 508 – Does not apply	Supported	All areas of the app can be accessed without needing an account
2.3.2 Three Flashes (Level AAA) Revised Section 508 – Does not apply	Supports	There is no flashing content
2.4.8 Location (Level AAA) Revised Section 508 – Does not apply	Supports	Location is not tracked nor used.
2.4.9 Link Purpose (Link Only) (Level AAA) Revised Section 508 – Does not apply	Supports	The few links in the application are clear in their purpose.
2.4.10 Section Headings (Level AAA) Revised Section 508 – Does not apply	Supports	Settings and main window are grouped in a meaningful manner.
3.1.3 Unusual Words (Level AAA) Revised Section 508 – Does not apply	Does Not Support	The user is assumed to be knowledgeable in network terminology.
3.1.4 Abbreviations (Level AAA)	Does Not Support	No acronyms are defined. The user is assumed

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 – Does not apply		knowledgeable of all common networking terms.
3.1.5 Reading Level (Level AAA) Revised Section 508 – Does not apply	Does Not Support	Documentation is written for users knowledgeable in the use of technical tools.
3.1.6 Pronunciation (Level AAA) Revised Section 508 – Does not apply	Does Not Support	No attempt is made to help pronunciations
3.2.5 Change on Request (Level AAA) Revised Section 508 – Does not apply	Does Not Support	ASCII/HEX changes will trigger updates in the related field. This cannot be turned off.
3.3.5 Help (Level AAA) Revised Section 508 – Does not apply	Does Not Support	There is only 1 source of help, and it is the official documentation.
3.3.6 Error Prevention (All) (Level AAA) Revised Section 508 – Does not apply	Does Not Support	Most errors are consumed with only a handful alerting.

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Notes:

Chapter 3: Functional Performance Criteria (FPC)

Notes:

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Does Not Support	
302.2 With Limited Vision	Partially Supports	The CLI can be used with super enlarged text with supported terminal software.
302.3 Without Perception of Color	Supported	The colors in the application are not critical to its operation.
302.4 Without Hearing	Supported	
302.5 With Limited Hearing	Supported	
302.6 Without Speech	Supported	
302.7 With Limited Manipulation	Supported	
302.8 With Limited Reach and Strength	Supported	
302.9 With Limited Language, Cognitive, and Learning Abilities	Does Not Supported	This tool requires working knowledge of network protocols

Chapter 4: Hardware

Notes: Not Applicable

Chapter 5: Software

Notes:

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.x section	See information in WCAG 2.x section
502 Interoperability with Assistive Technology	Heading cell – no response required	Heading cell – no response required
502.2.1 User Control of Accessibility Features	Not Applicable	This is not platform software
502.2.2 No Disruption of Accessibility Features	Supports	This product binds to port numbers, but it is default dynamic and would not disrupt other software unless configured to do so.
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Does Not Support	This software does not expose IDs of form inputs.
502.3.2 Modification of Object Information	Partially Supported	The main input forms have hotkey support to allow direct editing, but not all places.
502.3.3 Row, Column, and Headers	Supported	The table used is always the same order, so it is easy to set.
502.3.4 Values	Does Not Support	This information is not exposed
502.3.5 Modification of Values	Partially Supported	The settings and packet information is in INI format, so it can be changed, though not easily.
502.3.6 Label Relationships	Does Not Support	This information is not exposed
502.3.7 Hierarchical Relationships	Does Not Support	This information is not exposed
502.3.8 Text		This information is not exposed
502.3.9 Modification of Text	Partially Supported	The main input forms have hotkey support to allow direct editing, but not all places.
502.3.10 List of Actions	Does Not Support	This information is not exposed
502.3.11 Actions on Objects	Does Not Support	This information is not exposed
502.3.12 Focus Cursor	Does Not Support	This information is not exposed
502.3.13 Modification of Focus Cursor	Partially Supported	The main input forms have hotkey support to allow direct editing, but not all places.
502.3.14 Event Notification	Does Not Support	This information is not exposed
502.4 Platform Accessibility Features	Not Applicable	This is not platform software
503 Applications	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Partially Supported	Dark or Light mode can be set pretty easily within user settings in INI format.

Criteria	Conformance Level	Remarks and Explanations
503.3 Alternative User Interfaces	Not Applicable	This does not provide an alternative user interface for assistive technology
503.4 User Controls for Captions and Audio Description	Heading cell – no response required	Heading cell – no response required
503.4.1 Caption Controls	Not Applicable	The product has no multimedia.
503.4.2 Audio Description Controls	Not Applicable	The product has no multimedia.
504 Authoring Tools	Heading cell – no response required	Heading cell – no response required
504.2 Content Creation or Editing (if not authoring tool, enter "not applicable")	See WCAG 2.x section	See information in WCAG 2.x section
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	This is not a content authoring tool.
504.2.2 PDF Export	Not Applicable	This is not a content authoring tool.
504.3 Prompts	Not Applicable	This is not a content authoring tool.
504.4 Templates	Not Applicable	This is not a content authoring tool.

Chapter 6: Support Documentation and Services

Notes: https://packetsender.com/documentation

Criteria	Conformance Level	Remarks and Explanations
601.1 Scope	Heading cell – no response required	Heading cell – no response required
602 Support Documentation	Heading cell – no response required	Heading cell – no response required
602.2 Accessibility and Compatibility Features	Not Tested	Online help is available in conforming markup.
602.3 Electronic Support Documentation	See WCAG 2.x section	See information in WCAG 2.x section
602.4 Alternate Formats for Non-Electronic Support Documentation	Not Tested	Online help is available in conforming markup.
603 Support Services	Heading cell – no response required	Heading cell – no response required
603.2 Information on Accessibility and Compatibility Features	Not Tested	Online help is available in conforming markup.
603.3 Accommodation of Communication Needs	Not Tested	Online help is available in conforming markup.

Legal Disclaimer (NagleCode)

This is a voluntary best-effort disclosure and is not considered a legal document.