VanDyke Software Accessibility Conformance Report Revised Section 508 Edition

VPAT® Version 2.3 (Revised) – April 2019

Name of Product/Version: VShell 4.9 for Linux/Mac

Product Description: VShell for Linux and Mac is a multi-protocol secure file transfer server that supports SFTP, FTPS, and HTTPS. It also allows shell, secure remote access and administration with SSH2.

Report Date: May 2023

Contact information: support@vandyke.com

Notes: This report covers the only component of VShell 4.9 for Linux and Mac that provides a user interface. The VShell User Web Interface is a browser-based interface for transferring files to and from VShell Enterprise Edition with HTTPS.

For questions or assistance with accommodating users, please contact support@vandyke.com.

Evaluation Methods Used:

- Screen Reader Usability Testing with NVDA and JAWS
- Keyboard-Only Usability Testing
- General Product Knowledge
- Tool-Based Testing with HTML CodeSniffer and WAVE
- Color Contrast Testing with WebAIM Color Contrast Checker, Contrast-Ratio.com

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

WCAG 2.0 Report

Tables 1 and 2 also document conformance with:

- 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-supports ways of using technology as documented in the WCAG 2.0 Conformance Requirements.

Table 1: Success Criteria, Level AA

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	**Web: VShell User Web Interface** Uses standard HTML and WAI-ARIA techniques for providing text equivalents of non-text elements. This includes the use of "alt" attributes for images and the use of "aria-label" for other visual elements.
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 VShell User Web Interface does not use prerecorded audio or video content.

Criteria	Conformance Level	Remarks and Explanations
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 VShell User Web Interface does not use prerecorded audio content.
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 VShell User Web Interface does not use prerecorded video content or synchronized media.
1.3.1 Info and Relationships (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	The VShell User Web Interface uses semantically-correct markup so that information, structure, and relationships can be understood independent of presentation.
1.3.2 Meaningful Sequence (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	The VShell User Web Interface positions content based on semantically correct structural markup that allows assistive technologies to determine correct reading sequence.

Criteria	Conformance Level	Remarks and Explanations
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	The VShell User Web Interface uses images that are solely decorative and/or supplemental attribute of user interface elements.
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	The VShell User Web Interface uses color only as a decorative and/or supplemental attribute of user interface elements.
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 VShell User Web Interface does not use audio content.
2.1.1 Keyboard (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Partially Supports	The VShell User Web Interface supports standard Web browser navigation using tabs and arrow keys. Exceptions: • Keyboard navigation is not supported by buttons used for file upload, download, and similar operations. • Keyboard navigation can't be used to navigate through files/folders

Criteria	Conformance Level	Remarks and Explanations
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)	Not Applicable	Not Applicable to the VShell User Web Interface because Keyboard navigation is not supported by buttons used for file upload, download, and similar operations.
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	If the VShell HTTPS server is configured to use a timeout for HTTPS sessions, the VShell User Web Interface will display an alert to notify users when a session is about to end.
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	The VShell User Web Interface includes some operations for which a progress bar is displayed and cannot be paused, stopped, or hidden, because it is part of an essential activity.
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)	Not Applicable	The VShell User Web Interface does not use flashing interface elements.

Criteria	Conformance Level	Remarks and Explanations
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 Supported	The VShell User Web Interface does not have a mechanism to bypass blocks of content.
2.4.2 Page Titled (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	The VShell User Web Interface consists of only two pages, each titled appropriately.
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	In the VShell User Web Interface, interactive elements are placed in an order that follows sequences and relationships within the content.
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	In the VShell User Web Interface, links use descriptive text or "aria-label" attributes to identify their purpose.

Criteria	Conformance Level	Remarks and Explanations
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)	Supports	The VShell User Web Interface uses the `lang` attribute on the HTML tag to specify English as the default language of the page.
3.2.1 On Focus (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	The VShell User Web Interface has no user interface components that initiate a change of context when they receive focus.
3.2.2 On Input (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	The VShell User Web Interface has no settings cause a change of context.
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	The VShell User Web Interface provides a clear description in text for input errors.

Criteria	Conformance Level	Remarks and Explanations

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)
	Supports	All components of the VShell User Web Interface provide labels or instructions when user input is required.

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 VShell User Web Interface uses standard HTML controls according to specification.

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)
	Supports	The VShell User Web Interface uses standard HTML controls according to specification.

Table 2: Success Criteria, Level AA

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 VShell User Web Interface does not use live audio content.
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 VShell User Web Interface does not use prerecorded video content.
1.4.3 Contrast (Minimum) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	The VShell User Web Interface provides sufficient contrast.
1.4.4 Resize text (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	The VShell User Web Interface supports standard zoom capabilities built into modern web browsers.

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)	Not Applicable	The VShell User Web Interface uses no images of text except in company logo.
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	The VShell User Web Interface consists of only two web pages. The Login page must precede the Main page to meet the required authentication process.
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)	Supports	The VShell User Web Interface use headings and labels that are descriptive.
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	The VShell User Web Interface uses visual changes to elements to indicate the current position of focus.

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Criteria	Conformance Level	Remarks and Explanations
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)	Supports	All components present content in English only. Programmatically, content is accurately determined to be in English.
3.2.3 Consistent Navigation (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	The VShell User Web Interface uses navigational mechanisms that are identical across pages.
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	The VShell User Web Interface uses labels, names and text alternatives consistently for content that has the same functionality.
3.3.3 Error Suggestion (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs)	Supports	The VShell User Web Interface provides suggestions for error correction when suggestions are known.

Criteria	Conformance Level	Remarks and Explanations
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)	Partially Supports	The VShell User Web Interface cannot be used to make legal commitments or financial transactions. Exception: Allows users to modify data. Prevention of data loss must be ensured via best IT practices such as regular backups.

Table 3: Success Criteria, Level AAA

Notes: This application has not been evaluated for WCAG 2.0 Level AAA conformance.

Revised Section 508 Report
Chapter 3: [Functional Performance Criteria](#) (FPC)

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Partially Supports	The VShell User Web Interface Exception: Login, logout, and modal dialog confirmation buttons are not read by Assistive Technologies.
302.2 With Limited Vision	Partially Supports	The VShell User Web Interface Exception: Login, logout, and modal dialog confirmation buttons are not read by Assistive Technologies.
302.3 Without Perception of Color	Supports	In the VShell User Web Interface, color is only used as a decorative or supplemental attribute of user interface elements.
302.4 Without Hearing	Not Applicable	The VShell User Web Interface does not have an audio mode of operation.
302.5 With Limited Hearing	Not Applicable	The VShell User Web Interface does not have an audio mode of operation.
302.6 Without Speech	Not Applicable	The VShell User Web Interface does not require speech input for operation.

Criteria	Conformance Level	Remarks and Explanations
302.7 With Limited Manipulation	Supports	Essential components of the VShell User Web Interface can be used through a keyboard interface.
302.8 With Limited Reach and Strength	Supports	Essential components of the VShell User Web Interface can be used through a keyboard interface.
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially Supports	Essential elements of the VShell User Web Interface Include some technical terms which may not be understandable by users with limited language, cognitive, or learning abilities.

Chapter 4: Hardware

Notes: Not Applicable. VShell is a software application.

Chapter 5: Software

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See WCAG 2.0 section	See information in WCAG 2.0 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	The application is not platform software.
502.2.2 No Disruption of Accessibility Features	Supports	There is no known conflict with any accessibility software.
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required
502.3.1 Object Information	Not Applicable	The application is not platform software.
502.3.2 Modification of Object Information	Not Applicable	The application is not platform software.

Criteria	Conformance Level	Remarks and Explanations
502.3.3 Row, Column, and Headers	Not Applicable	The application is not platform software.
502.3.4 Values	Not Applicable	The application is not platform software.
502.3.5 Modification of Values	Not Applicable	The application is not platform software.
502.3.6 Label Relationships	Not Applicable	The application is not platform software.
502.3.7 Hierarchical Relationships	Not Applicable	The application is not platform software.
502.3.8 Text	Not Applicable	The application is not platform software.
502.3.9 Modification of Text	Not Applicable	The application is not platform software.
502.3.10 List of Actions	Not Applicable	The application is not platform software.
502.3.11 Actions on Objects	Not Applicable	The application is not platform software.
502.3.12 Focus Cursor	Supports	The application allows the user to use a trackable insertion caret in order to work with JAWS and other low vision assistance tools.
502.3.13 Modification of Focus Cursor	Supports	The application allows the user to specify the cursor size and shape, and to configure the cursor blink rate.
502.3.14 Event Notification	Not Applicable	The application is not platform software.
502.4 Platform Accessibility Features	Not Applicable	The application is not platform software.
503 Applications	Heading cell – no response required	Heading cell – no response required
503.2 User Preferences	Supports	The application permits user preferences from platform settings for color, contrast, font type, font size, and focus cursor.
503.3 Alternative User Interfaces	Not Applicable	The application does not provide an alternative user interface.
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 application does not provide caption controls.
503.4.2 Audio Description Controls	Not Applicable	The application does not provide audio description controls.
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 2.0 section	See information in WCAG 2.0 section

Criteria	Conformance Level	Remarks and Explanations
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion	Not Applicable	The application is not an authoring tool.
504.2.2 PDF Export	Not Applicable	The application is not an authoring tool.
504.3 Prompts	Not Applicable	The application is not an authoring tool.
504.4 Templates	Not Applicable	The application is not an authoring tool.

Chapter 6: **Support Documentation and Services**

Notes: This report covers accessibility conformance for the VShell application. It does not discuss Documentation or Support Services.