

Parallels Desktop for Mac

Accessibility Conformance Report

(Based on VPAT® Version 2.4)

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Report

Report Date: April 8, 2022

Product Name: Parallels Desktop for Mac

Product Description: Parallels Desktop for Mac is a software application that enables users to run

Windows OS and associated applications on a Mac device without rebooting.

Contact Information: https://www.parallels.com/about/contact/

Evaluation Methods Used: testing was performed by a person using VoiceOver, Zoom, Siri, Voice Control tools (in macOS), and Windows Narrator (in Windows OS). A tester emulated limited hearing, vision, reach, strength, lack of perception of color, and speech.

This report covers the most popular product use case: when a user interacts with a Windows virtual machine already set up on a system. The system is considered configured by an administrator, who installs Parallels Desktop, Windows, and then fine-tunes the necessary settings before handing it over to the user.

There are known issues with accessibility technologies in specific cases, like setup, configuration, and multiple virtual machine management. They are noted below and in summary.

Applicable Standards/Guidelines

This report covers the degree of conformance with the following accessibility standards/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 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 (Software) • 602.3 (Support Docs)	Partial Support	The majority of graphical buttons have alternative text. In rare cases, the graphical buttons (e.g., the buttons to Start or Shut Down the virtual machine) do not have alternative text but may be accessed from the right click menu. Support docs are presented in PDF and HTML formats and guides contain images for what is described.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Not applicable	There are no audio-only or video-only recordings in the application.
1.2.2 Captions (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Web)(Software) • 602.3 (Support Docs)	Not applicable	There is no pre-recorded media to provide captions in the application.
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Not applicable	There are no audio-only or video-only recordings in the application.

Criteria	Conformance Level	Remarks and Explanations
1.3.1 Info and Relationships (Level A) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Partial Support	The majority of graphical buttons have alternative text. In rare cases, the graphical buttons (e.g., the buttons such as Start or Shut down) do not have alternative text but may be accessed from the right-click menu. Support Documentation meets this requirement.
1.3.2 Meaningful Sequence (Level A) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Partial Support	While some user interface elements do not meet meaningful sequence requirements, (e.g., settings panel) the menu panel meets sequence requirements. It is not critical for using Windows OS in Parallels Desktop. Support Documentation meets this requirement.
1.3.3 Sensory Characteristics (Level A) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Supports	Instructions and content do not rely solely on sensory characteristics of components. The same applies to Support Docs.
1.4.1 Use of Color (Level A) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Supports	Color is not used as the sole means of conveying information. Appropriate text labels and formatting are also provided.
1.4.2 Audio Control (Level A) Also applies to: Revised Section 508 501 (Software) 504.2 (Authoring Tool) 602.3 (Support Docs)	Not applicable	No video or audio recordings launch automatically when a window opens.
2.1.1 Keyboard (Level A) Also applies to: Revised Section 508	Partial Support	While some user control elements are not fully keyboard operable, such as Control center menu, it is

Criteria	Conformance Level	Remarks and Explanations
501 (Software)602.3 (Support Docs)		not critical for using Windows OS in Parallels Desktop.
		Software Docs content is fully keyboard operable.
2.1.2 No Keyboard Trap (Level A) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Supports	No keyboard traps were noted. System shortcuts will be sent to Windows OS when it is in focus.
2.2.1 Timing Adjustable (Level A)		The application does not require a timed response for its own objects. Users must only reboot the VM
Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Supports	after installing Parallels Toolbox, but the user may adjust the time of reboot manually.
(334)		Support Docs fully meet this requirement.
 2.2.2 Pause, Stop, Hide (Level A) Also applies to: Revised Section 508 501 (Software) 602.3 (Support Docs) 	Not applicable	The application does not contain automatic scrolling. Content is updated periodically by software, which is considered non-interference.
2.3.1 Three Flashes or Below Threshold (Level A) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Not applicable	No flashing or blinking elements. This is true for Support Docs as well.
 2.4.1 Bypass Blocks (Level A) Also applies to: Revised Section 508 501 (Software) – Does not apply to non-web software 602.3 (Support Docs) – Does not apply to non-web docs 	Supports	People with disabilities can reach the main content of a Web page quickly and easily.
2.4.2 Page Titled (Level A) Also applies to:	Supports	Throughout the application, Windows contains descriptive titles.

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 • 501 (Software) • 602.3 (Support Docs)		
2.4.3 Focus Order (Level A) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Supports	Support Docs that are presented in web format can be navigated sequentially.
2.4.4 Link Purpose (In Context) (Level A) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Supports	The purpose of each link can be determined from the link text together with context. This is true for Support Docs as well.
3.1.1 Language of Page (Level A) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Supports	The default human language can be determined. This is true for Support Docs as well.
3.2.1 On Focus (Level A) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Supports	Gaining focus on components does not initiate a change of context. This is true for Support docs as well.
3.2.2 On Input (Level A) Also applies to: Revised Section 508	Supports	In most cases, changing the setting of user interface components does not automatically cause a change of context. In the case of switching to full screen mode, the toolbar menu becomes hidden.
3.3.1 Error Identification (Level A) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Supports	In all cases, users are informed that an error has occurred and can determine what is wrong.
3.3.2 Labels or Instructions (Level A) Also applies to: Revised Section 508 • 501 (Software)	Supports	Labels are provided for input fields.

Criteria	Conformance Level	Remarks and Explanations
602.3 (Support Docs)		
 4.1.1 Parsing (Level A) Also applies to: Revised Section 508 501 (Software) 602.3 (Support Docs) 	Supports	Assistive technologies can parse the content.
4.1.2 Name, Role, Value (Level A) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Supports	Name, Role, and Values can be programmatically determined.

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 (Software) • 602.3 (Support Docs)	Not applicable	No audio or video content.
1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Not applicable	No live presentations hosted.
1.4.3 Contrast (Minimum) (Level AA) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Supports	All areas of the application rely on the underlying macOS operating system and meet the required contrast ratio. This is true for Support Docs as well.
1.4.4 Resize text (Level AA) Also applies to: Revised Section 508	Supports	Text can be resized without loss of content or functionality.

Criteria	Conformance Level	Remarks and Explanations
501 (Software)602.3 (Support Docs)		This is true for Support Docs as well.
1.4.5 Images of Text (Level AA) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Supports	No images of text are used. Support Docs contain images that are described.
2.4.5 Multiple Ways (Level AA) Also applies to: Revised Section 508 • 501 (Software) – Does not apply to non-web software • 602.3 (Support Docs) – Does not apply to non-web docs	Supports	All Support Documents enable users to discover content in a manner that best meets their needs.
2.4.6 Headings and Labels (Level AA) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Supports	The application provides descriptive headings and labels, which explain a topic or purpose.
2.4.7 Focus Visible (Level AA) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Supports	Any keyboard operable user interface has a mode of operation where the keyboard focus indicator is visible. The same is true for Support Docs.
3.1.2 Language of Parts (Level AA) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Supports	The default human language can be programmatically determined. This is true for Support Docs as well.
non-web software602.3 (Support Docs) – Does not apply to non-web docs	Supports	All Support Docs pages are numbered, have footers and headers, and fully meet the consistent navigation criteria.
3.2.4 Consistent Identification (Level AA) Also applies to:	Supports	All Support Doc elements have consistent identification, and fully

Criteria	Conformance Level	Remarks and Explanations
Revised Section 508 • 501 (Software) – Does not apply to non-web software • 602.3 (Support Docs) – Does not apply to non-web docs		meet the criteria.
3.3.3 Error Suggestion (Level AA) Also applies to: Revised Section 508 • 501 (Software) • 602.3 (Support Docs)	Supports	If an input error is automatically detected and suggestions for correction are known, then the suggestions are provided to the user.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA) Also applies to: Revised Section 508 • 501 (Web)(Software) • 602.3 (Support Docs)	Not applicable	The application does not initiate any financial transactions and only contains links that can be used to buy a Windows license. The links open in the default macOS browser. In the case of procuring the application from the AppStore, it can initiate the AppStore buying procedure as well.

Table 3: Success Criteria, Level AAA

Notes: Parallels Desktop for Mac was not tested to WCAG 2.0 AAA level as web components were omitted from this assessment.

Revised Section 508 Report

Chapter 3: Functional Performance Criteria (FPC)

Notes:

Criteria	Conformance Level	Remarks and Explanations

Criteria	Conformance Level	Remarks and Explanations
302.1 Without Vision	Supports	The application has been successfully tested with VoiceOver and Windows Narrator accessibility tools, and testing showed that people without vision can use most application functions. However, some elements are not voiced by VoiceOver (e.g., Control Center elements), but these elements are not critical for using Windows OS in Parallels Desktop.
302.2 With Limited Vision	Partial Support	The application has been successfully tested with VoiceOver and Windows Narrator accessibility tools, and testing showed that people without vision can use most application functions. However, some elements are not voiced by VoiceOver (e.g., Control menu navigation elements), but these elements are not critical for using Windows OS in Parallels Desktop.
302.3 Without Perception of Color	Supports	Color is not used as the sole means of conveying information.
302.4 Without Hearing	Supports	The application does not require user hearing.
302.5 With Limited Hearing	Supports	The application does not require user hearing.
302.6 Without Speech	Supports	The application does not require user speech.

Criteria	Conformance Level	Remarks and Explanations
302.7 With Limited Manipulation	Partial Support	While some user interface elements are not fully keyboard operable (e.g., Control center elements), it is not critical for using Windows OS in Parallels Desktop.
302.8 With Limited Reach and Strength	Partial Support	While some user interface elements are not fully keyboard operable (e.g., Control center elements), it is not critical for using Windows OS in Parallels Desktop.
302.9 With Limited Language, Cognitive, and Learning Abilities	Supports	The application provides a window to access Windows OS.

Chapter 4: Hardware

Notes: Parallels Desktop for Mac is not hardware and therefore this section is not applicable to the product.

Chapter 5: Software

Criteria	Conformance Level	Remarks and Explanations
501.1 Scope – Incorporation of WCAG 2.0 AA	See <u>WCAG 2.0</u> 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	Supports	The user or IT Administrator can enable Windows OS Accessibility tools.
502.2.2 No Disruption of Accessibility Features	Supports	The application switches from VoiceOver to Windows Accessibility tools (e.g., Narrator) and back again.

Criteria	Conformance Level	Remarks and Explanations
502.3 Accessibility Services	Heading cell – no response required	Heading cell – no response required.
502.3.1 Object Information	Partial Support	While the application does not provide username, role, state, or value information to assistive technologies (e.g., Configuration pane elements and Control Center elements), these elements are not critical for using Windows OS in Parallels Desktop.
s502.3.2 Modification of Object Information	Supports	The application can be operated by assistive technology using Windows Narrator (in Windows OS) and VoiceOver, Voice Control, Zoom, Siri, and NVDA screen reader.
502.3.3 Row, Column, and Headers	Not Supported	While the application does not provide meaning of the table Headers, Columns, and Rows to assistive technologies, it is not critical for using Windows OS in Parallels Desktop.
502.3.4 Values	Supports	The application provides valuable user information to assistive technologies.

Criteria	Conformance Level	Remarks and Explanations
502.3.5 Modification of Values	Supports	The application provides valuable user information to assistive technologies.
502.3.6 Label Relationships	Supports	Any label can be programmatically determined.
502.3.7 Hierarchical Relationships	Supports	Parent-child relationships can be determined programmatically.
502.3.8 Text	Supports	Assistive technology can operate the user interface to read text.
502.3.9 Modification of Text	Supports	Assistive technology can operate the user interface to read text.
502.3.10 List of Actions	Supports	The list of all actions that can be executed on an object is programmatically determined.
502.3.11 Actions on Objects	Supports	Assistive technology can programmatically execute available actions on objects.
502.3.12 Focus Cursor	Supports	Edit fields are compatible with assistive technology.
502.3.13 Modification of Focus Cursor	Supports	Edit fields are compatible with assistive technology.
502.3.14 Event Notification	Supports	Notification of events relevant to user interactions, including but not limited to changes in the component's state(s), value, name, description, or boundary, are available to assistive technology.
502.4 Platform Accessibility Features	Not applicable	The application is not an operating system.
503 Applications	Heading cell – no response required	Heading cell – no response required.

Criteria	Conformance Level	Remarks and Explanations
503.2 User Preferences	Supports	All areas of the application rely on the underlying macOS operating system.
503.3 Alternative User Interfaces	Not applicable	The application does not provide an alternative user interface that functions as 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	Multimedia is not used.
503.4.2 Audio Description Controls	Not applicable	Multimedia is not used.
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.
504.2.1 Preservation of Information Provided for Accessibility in Format Conversion		
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:

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	Supports	The documentation is in electronic format and can be converted to other formats. Documentation is available in PDF and HTML

Criteria	Conformance Level	Remarks and Explanations
		formats.
602.3 Electronic Support Documentation	See WCAG 2.0 section	See information in WCAG 2.0 section.
602.4 Alternate Formats for Non-Electronic Support Documentation	Not applicable	The documentation is in electronic format and can be converted to other formats.
603 Support Services	Heading cell – no response required	Heading cell – no response required.
603.2 Information on Accessibility and Compatibility Features	Does not support	The application does not provide documentation on accessibility and compatibility features.
603.3 Accommodation of Communication Needs	Supports	Support is available via chat, phone, and email.

Legal Disclaimer

Summary

Parallels Desktop for Mac provides necessary functionality to assist people with disabilities. The application can be comfortably operable by assistive technologies in a most typical scenario: the user interacts with a Windows virtual machine already set up on a system. The system in this case is considered configured by an administrator, who installs Parallels Desktop, Windows, and then fine-tunes necessary settings, before handing it over to the user.

There are some limitations with accessibility technologies in specific cases, like setup, configuration, and multiple virtual machine management. They are related to the following application functions and not critical for using Windows OS in Parallels Desktop:

- If there is no text description for the "start" icon in the interface for managing multiple virtual machines, the user should click on the start icon to start the selected virtual machine.
- If there is no text description to open the virtual machine configuration from a virtual machine window, the description and ability to open the configuration is available in the Mac menu.
- If a keyboard trap is found in the form for sending technical reports, this functionality is not required to use the product.
- VoiceOver does not work for headers and rows of tables used in advanced configuration.
- VoiceOver does not work for virtual machine setup and configuration.

This Voluntary Product Accessibility Template (VPAT) provides guidance on the accessibility characteristics of Parallels Desktop for Mac as of April 8, 2022, and is only valid for the version and date it was tested. This document is for informational purposes only and does not replace independent legal advice. Parallels is a trademark of Parallels International GmbH.