



Qumulo Accessibility Conformance Report

Revised Section 508 Edition

VPAT® Version 2.3 – May 2022

Name of Product/Version: Qumulo Core 5.1.0

Product Description: Hybrid cloud file storage management software

Date: May 9, 2022

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Notes: None

Evaluation Methods Used: Testing is based from manual and automated testing using [Axe](#). Manual test of software done by employee who previously processed VPATs.

Applicable Standards/Guidelines: Manual evaluation against Web Content Accessibility Guidelines as well as WebAIM Color contrast checker

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

| Standard/Guideline | Included In Report |
|--|---|
| Web Content Accessibility Guidelines 2.0, at http://www.w3.org/TR/2008/REC-WCAG20-20081211/ | Level A (Yes) Level AA (Yes) Level AAA (No) |



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| <p>Revised Section 508 standards as published by the U.S. Access Board in the Federal Register on January 18, 2017</p> <p>Corrections to the ICT Final Rule as published by the US Access Board in the Federal Register on January 22, 2018</p> | (Yes) |
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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:

- 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:

- **Software:** refers to our software solution, which provides a browser-based (Web UI) and Command Line Interface (CLI). The focus of this evaluation is the Web UI
- We removed “Web” and “Authoring Tool” as they are not applicable to this VPAT

| Criteria | Conformance Level | Remarks and Explanations |
|--|--------------------|--|
| <u>1.1.1 Non-text Content</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none">● 501 (Web)(Software)● 504.2 (Authoring Tool)● 602.3 (Support Docs) | Partially Supports | Data visualizations do not contain text-only alternatives. |
| <u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none">● 501 (Web)(Software)● 504.2 (Authoring Tool)● 602.3 (Support Docs) | Not Applicable | The software and documentation do not use audio-only or video-only |
| <u>1.2.2 Captions (Prerecorded)</u> (Level A) Also applies to: Revised Section 508 <ul style="list-style-type: none">● 501 (Web)(Software)● 504.2 (Authoring Tool)● 602.3 (Support Docs) | Not Applicable | The software does not use video that requires captions. |



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| <p><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | <p>Not Applicable</p> | <p>The software does not use video that would warrant audio descriptions or media alternatives.</p> |
| <p><u>1.3.1 Info and Relationships</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | <p>Partially Supports</p> | <p>The product supports this criteria with the exception of two data tables in the “analytics” portion of the product and on the navigation which could impact screen readers.</p> |
| <p><u>1.3.2 Meaningful Sequence</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | <p>Supports</p> | |
| <p><u>1.3.3 Sensory Characteristics</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | <p>Not applicable</p> | <p>The software does not solely on sensory characteristics of components such as shape, size, visual location, orientation, or sound</p> |
| <p><u>1.4.1 Use of Color</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) | <p>Partially Supports</p> | <p>The product supports this criteria with the exception of some data visualizations</p> |



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| <ul style="list-style-type: none"> ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | | |
| <p>1.4.2 Audio Control (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Not Applicable | |
| <p><u>2.1.1 Keyboard</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Partially Supports | The software supports this criteria with the exception of data visualizations which cannot be navigated by keyboard |
| <p><u>2.1.2 No Keyboard Trap</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | Our software has not run into a keyboard trap during our testing. |
| <p>2.2.1 Timing Adjustable (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Not Applicable | |



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| <p><u>2.2.2 Pause, Stop, Hide</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | <p>Partially Supports</p> | <p>Our software uses real-time status throughout the product, which requires content to be refreshed to keep the status accurate at all times.</p> |
| <p><u>2.3.1 Three Flashes or Below Threshold</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | <p>Not Applicable</p> | <p>Our software and knowledge base do not use flashing of content.</p> |
| <p><u>2.4.1 Bypass Blocks</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 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 | <p>Supports</p> | |
| <p><u>2.4.2 Page Titled</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | <p>Supports</p> | <p>All pages in the software are clearly titled using the title element</p> |
| <p><u>2.4.3 Focus Order</u> (Level A) Also applies to: Revised Section 508</p> | <p>Supports</p> | <p>We have not noticed inconsistencies with focus order</p> |

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| <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | | |
| <p><u>2.4.4 Link Purpose (In Context)</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | <p>Supports</p> | |
| <p><u>3.1.1 Language of Page</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | <p>Supports</p> | <p>Language used is specified on all pages of the product</p> |
| <p><u>3.2.1 On Focus</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | <p>Supports</p> | |
| <p><u>3.2.2 On Input</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | <p>Supports</p> | |



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| <p><u>3.3.1 Error Identification</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none">● 501 (Web)(Software)● 504.2 (Authoring Tool)● 602.3 (Support Docs) | <p>Supports</p> | |
| <p><u>3.3.2 Labels or Instructions</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none">● 501 (Web)(Software)● 504.2 (Authoring Tool)● 602.3 (Support Docs) | <p>Supports</p> | |
| <p><u>4.1.1 Parsing</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none">● 501 (Web)(Software)● 504.2 (Authoring Tool)● 602.3 (Support Docs) | <p>Partially Supports</p> | <p>We have identified places where the html markup needs to be updated to meet this criteria. These overlap with criteria 1.3.1 above</p> |
| <p><u>4.1.2 Name, Role, Value</u> (Level A) Also applies to: Revised Section 508</p> <ul style="list-style-type: none">● 501 (Web)(Software)● 504.2 (Authoring Tool)● 602.3 (Support Docs) | <p>Partially Supports</p> | <p>We have identified places where the ARIA roles need to be updates to fully meet this criteria</p> |

Table 2: Success Criteria, Level AA

Notes:

- See notes on Success Criteria, Level A, above

| Criteria | Conformance Level | Remarks and Explanations |
|--|---------------------------|--|
| 1.2.4 Captions (Live) (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) | Not Applicable | |
| 1.2.5 Audio Description (Prerecorded) (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) | Not Applicable | |
| 1.4.3 Contrast (Minimum) (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) • 504.2 (Authoring Tool) • 602.3 (Support Docs) | Partially Supports | The software mostly meets this criteria with a few exceptions. Mostly error messages with lighter backgrounds. |
| 1.4.4 Resize text (Level AA) Also applies to: Revised Section 508 <ul style="list-style-type: none"> • 501 (Web)(Software) | Supports | Browsers can easily zoom to increase text size beyond 200% without breaking interface |

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| <ul style="list-style-type: none"> ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | | |
| <p><u>1.4.5 Images of Text</u> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | |
| <p>2.4.5 Multiple Ways (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 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 | not applicable. We also conduct usability studies and other User Centered Design methods in our design process. |
| <p><u>2.4.6 Headings and Labels</u> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | |
| <p><u>2.4.7 Focus Visible</u> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | Supports | |



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| <p>3.1.2 Language of Parts (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | <p>Not Applicable</p> | <p>The software does not change language</p> |
| <p><u>3.2.3 Consistent Navigation</u> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 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 | <p>Supports</p> | |
| <p><u>3.2.4 Consistent Identification</u> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 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 | <p>Support</p> | <p>Through our testing, we did not find evidence of this to be an issue with our software. We run usability studies that can help ensure consistent identification of iconography</p> |
| <p><u>3.3.3 Error Suggestion</u> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) | <p>Supports</p> | <p>Our software makes an effort to provide error suggestions on all forms in the Web UI for usability and accessibility purposes</p> |



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| <p><u>3.3.4 Error Prevention (Legal, Financial, Data)</u> (Level AA)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none">● 501 (Web)(Software)● 504.2 (Authoring Tool)● 602.3 (Support Docs) | <p>Supports</p> | <p>Our software makes an effort to provide error prevention on actions that may cause destruction of data on our Web UI</p> |
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Table 3: Success Criteria, Level AAA: Not Evaluated



Revised Section 508 Report

Notes:

Chapter 3: Functional Performance Criteria (FPC)

Notes: This chapter is focusing on the Qumulo software as it is applicable to this chapter

| Criteria | Conformance Level | Remarks and Explanations |
|-----------------------------------|-------------------|--|
| 302.1 Without Vision | Partial Support | This product supports assistive technologies to operate the product without vision, with the exception of (1) it's complex of data visualizations, and (2) two complex data tables |
| 302.2 With Limited Vision | Partial Support | <p>This product works well with operating system magnifiers as well as browser-based zoom functionality.</p> <p>Most text in the product conforms to level AA color contrast requirements, but some areas in the product do not.</p> |
| 302.3 Without Perception of Color | Partial Support | This product does not require perception of color, with the exception of data visualizations |



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| | | which have more than one data points. |
| 302.4 Without Hearing | Supported | This product does not require hearing to operate or manage the system. |
| 302.5 With Limited Hearing | Supported | This product does not require hearing to operate or manage the system. |
| 302.6 Without Speech | Supported | This product does not require speech to operate the system. |
| 302.7 With Limited Manipulation | Partially support | This product does not require fine motor control and can be managed with the keyboard alone, with the exception of some data visualizations. |
| 302.8 With Limited Reach and Strength | Not applicable | |
| 302.9 With Limited Language, Cognitive, and Learning Abilities | Partial support | This product supports this criteria up to Level AA, with the exception of some forms that do not provide in context suggestions to improve filling out forms. |

Chapter 4: Hardware

Notes: Qumulo Core is installed on hardware that is designed and manufactured by third parties.



We removed the following sections as they are not applicable to this VPAT:

- 402 Closed Functionality
- 403 Biometrics
- 404 Preservation of Information Provided for Accessibility
- 405 Privacy.
- 406 Standard Connections
- 407 Operable Parts
- 408 Display Screens
- 409 Status Indicators
- 410 Color Coding
- 411 Audible Signals
- 412 ICT with Two-Way Voice Communication
- 413 Closed Caption Processing Technologies
- 414 Audio Description Processing Technologies

Chapter 5: Software

Notes:

| Criteria | Conformance Level | Remarks and Explanations |
|---|--------------------------------------|--|
| 501.1 Scope – Incorporation of WCAG 2.0 AA | See WCAG 2.0 section | See information in WCAG 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 product is not considered platform software and thus not |



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| | | subject to the requirement of this criteria. |
| 502.2.2 No Disruption of Accessibility Features | Supports | The product is compatible with operating system accessibility features configured by the user. |
| 502.3 Accessibility Services | Heading cell – no response required | Heading cell – no response required |
| 502.3.1 Object Information | Not applicable | The product is not considered platform software |
| 502.3.2 Modification of Object Information | Not applicable | The product is not considered platform software |
| 502.3.3 Row, Column, and Headers | Not applicable | The product is not considered platform software |
| 502.3.4 Values | Not applicable | The product is not considered platform software |
| 502.3.5 Modification of Values | Not applicable | The product is not considered platform software |
| 502.3.6 Label Relationships | Not applicable | The product is not considered platform software |
| 502.3.7 Hierarchical Relationships | Not applicable | The product is not considered platform software |



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|---------------------------------------|-------------------------------------|---|
| 502.3.8 Text | Not applicable | The product is not considered platform software |
| 502.3.9 Modification of Text | Not applicable | The product is not considered platform software |
| 502.3.10 List of Actions | Not applicable | The product is not considered platform software |
| 502.3.11 Actions on Objects | Not applicable | The product is not considered platform software |
| 502.3.12 Focus Cursor | Not applicable | The product is not considered platform software |
| 502.3.13 Modification of Focus Cursor | Not applicable | The product is not considered platform software |
| 502.3.14 Event Notification | Not applicable | The product is not considered platform software |
| 502.4 Platform Accessibility Features | Not applicable | The product is not considered platform software |
| 503 Applications | Heading cell – no response required | Heading cell – no response required |
| 503.2 User Preferences | Supports | The product respects user preferences from platform or OS settings, e.g. if a user enables invert colors or increases the |



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| | | display contrast, the user interface will change accordingly. |
| 503.3 Alternative User Interfaces | Not applicable | The product does not provide any alternative user interfaces that function 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 | Not Applicable |
| 503.4.2 Audio Description Controls | Not Applicable | Not Applicable |
| 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”) | Not Applicable | Not Applicable |
| 504.2.1 Preservation of Information Provided for Accessibility in Format Conversion | Not Applicable | Not Applicable |
| 504.2.2 PDF Export | Not Applicable | Not Applicable |
| 504.3 Prompts | Not Applicable | Not Applicable |
| 504.4 Templates | Not Applicable | Not Applicable |



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 | Supported | The product does not require accessibility features beyond common functionality provided by web browsers |
| 602.3 Electronic Support Documentation | See WCAG 2.0 section | See information in WCAG section |
| 602.4 Alternate Formats for Non-Electronic Support Documentation | Supported | Support services are available via webpage, email, phone or slack |
| 603 Support Services | Heading cell – no response required | Heading cell – no response required |
| 603.2 Information on Accessibility and Compatibility Features | Supported | Support services are available via webpage, email, phone or slack |
| 603.3 Accommodation of Communication Needs | Supported | |

Legal Disclaimer (Company)



This Voluntary Product Accessibility Template (VPAT) is for informational purposes only and provides guidance on the accessibility characteristics of the herein described Qumulo, Inc. products and versions as of the date listed.