

Google Accessibility Conformance Report

Revised Section 508 edition, based on VPAT® Version 2.4Rev¹

Name of product/version:	Google Cloud Datastore
Report date:	16 May 2023
Product description:	Web application
Contact information:	gcp-accessibility@google.com
Evaluation methods used:	<p>The W3C Website Accessibility Conformance Evaluation Methodology (WCAG-EM) was followed for conducting the accessibility audit. The testing included manual accessibility testing, automated accessibility tools, and testing with assistive technology across multiple platforms and browsers.</p> <p>The following applications were used as part of the audit to identify potential accessibility issues:</p> <ul style="list-style-type: none">• Desktop browsers: Chrome (JAWS), Firefox (NVDA), and Safari (VoiceOver)• Assistive technologies: JAWS, NVDA, and VoiceOver• Accessibility testing tools: ARC Toolkit and Colour Contrast Analyser
Applicable standards/guidelines:	<p>This report covers the degree of conformance for the following accessibility standards/guidelines:</p> <ul style="list-style-type: none">• Web Content Accessibility Guidelines (WCAG) 2.0 Level A and AA• Revised Section 508 standards published January 18, 2017 and corrected January 22, 2018

¹ “Voluntary Product Accessibility Template” and “VPAT” are registered service marks of the Information Technology Industry Council (ITI)

Table of contents

Google Accessibility Conformance Report	1
Table of contents	2
Terms	3
WCAG 2.0 Report	4
Table 1: Success Criteria, Level A	5
Table 2: Success Criteria, Level AA	13
Table 3: Success Criteria, Level AAA	17
Revised Section 508 Report	18
Chapter 3: Functional Performance Criteria (FPC)	18
Chapter 4: Hardware	20
Chapter 5: Software	21
Chapter 6: Support Documentation and Services	22
Legal disclaimer	23

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 Level AAA criteria.

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, and 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

Criteria	Conformance level	Remarks and explanations
<p><u>1.1.1 Non-text Content</u> (Level A)</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) 	Partially supports	<p>Supports with the following exception:</p> <ul style="list-style-type: none"> ● Checkmark svg is missing a text alternative in the Properties Table component
<p><u>1.2.1 Audio-only and Video-only (Prerecorded)</u> (Level A)</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) 	Not applicable	The criterion is not relevant to the product. The product does not have a feature relevant to Audio-only and Video-only (Prerecorded).
<p><u>1.2.2 Captions (Prerecorded)</u> (Level A)</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) 	Not applicable	The criterion is not relevant to the product. The product does not have a feature relevant to Captions (Prerecorded).
<p><u>1.2.3 Audio Description or Media Alternative (Prerecorded)</u> (Level A)</p> <p>Also applies to:</p>	Not applicable	The criterion is not relevant to the product. The product does not have a feature relevant to Audio

Criteria	Conformance level	Remarks and explanations
Revised Section 508 <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		Description or Media Alternative (Prerecorded).
<p><u>1.3.1 Info and Relationships</u> (Level A)</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) 	Partially supports	Supports with the following exceptions: <ul style="list-style-type: none"> ● Empty heading element in the Initial Form component ● Controls are not grouped programmatically in the Add to Query Options component ● Data tables are not defined as well-formed tables in the following components: <ul style="list-style-type: none"> ○ Query Results Table ○ Results Table ● The list of applied filters is not marked up as a list in the Filter and Help component
<p><u>1.3.2 Meaningful Sequence</u> (Level A)</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) 	Supports	
<p><u>1.3.3 Sensory Characteristics</u> (Level A)</p> <p>Also applies to: Revised Section 508</p>	Supports	

Criteria	Conformance level	Remarks and explanations
<ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		
<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) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 	Supports	
<p><u>1.4.2 Audio Control</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) 	Not applicable	The criterion is not relevant to the product. The product does not have a feature relevant to Audio Control.
<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) 	Supports	
<p><u>2.1.2 No Keyboard Trap</u> (Level A) Also applies to: Revised Section 508</p>	Partially supports	Supports with the following exception:

Criteria	Conformance level	Remarks and explanations
<ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		<ul style="list-style-type: none"> ● Editor widget traps keyboard focus in the Query By GQL Form component
<p><u>2.2.1 Timing Adjustable</u> (Level A)</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) 	Supports	
<p><u>2.2.2 Pause, Stop, Hide</u> (Level A)</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) 	Supports	
<p><u>2.3.1 Three Flashes or Below Threshold</u> (Level A)</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) 	Supports	
<p><u>2.4.1 Bypass Blocks</u> (Level A)</p>	Supports	

Criteria	Conformance level	Remarks and explanations
<p>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><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) 	Supports	
<p><u>2.4.3 Focus Order</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	
<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) 	Supports	

Criteria	Conformance level	Remarks and explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) 		
<p><u>3.1.1 Language of Page</u> (Level A)</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) 	Supports	
<p><u>3.2.1 On Focus</u> (Level A)</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) 	Supports	
<p><u>3.2.2 On Input</u> (Level A)</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) 	Partially supports	<p>Supports with the following exception:</p> <ul style="list-style-type: none"> Changing and then reviewing the content of the text input to enter a GQL query causes the component to lose keyboard focus in the Query by GQL Form component
<p><u>3.3.1 Error Identification</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> 501 (Web)(Software) 	Partially supports	<p>Supports with the following exception:</p> <ul style="list-style-type: none"> Automatically detected input errors are not identified in the following components: <ul style="list-style-type: none"> Initial Form

Criteria	Conformance level	Remarks and explanations
<ul style="list-style-type: none"> ● 504.2 (Authoring Tool) ● 602.3 (Support Docs) 		<ul style="list-style-type: none"> ○ Add Details
<p><u>3.3.2 Labels or Instructions</u> (Level A)</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) 	Partially supports	<p>Supports with the following exceptions:</p> <ul style="list-style-type: none"> ● Form controls do not have visible labels in the following components: <ul style="list-style-type: none"> ○ Add to Query Options ○ Query By GQL Form ● Instructions are missing for novel keyboard navigation of custom table (grid) controls in the following components: <ul style="list-style-type: none"> ○ Query Results Table ○ Results Table ○ Properties Table
<p><u>4.1.1 Parsing</u> (Level A)</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) 	Supports	
<p><u>4.1.2 Name, Role, Value</u> (Level A)</p> <p>Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) ● 504.2 (Authoring Tool) 	Partially supports	<p>Supports with the following exceptions:</p> <ul style="list-style-type: none"> ● The keyboard shortcut instructions are not programmatically associated with the editor widget in the Query By GQL Form component

Criteria	Conformance level	Remarks and explanations
<ul style="list-style-type: none"> 602.3 (Support Docs) 		<ul style="list-style-type: none"> Combobox custom control does not follow an established design pattern in the New Property component Button does not follow an established design pattern in the Initial Form component Listboxes do not have accessible names in the Add to Query Options component Menu button and menu do not follow an established design patterns in the Add To Query Options component Disclosure widget does not have an accurate accessible name in the Add Details component

Table 2: Success Criteria, Level AA

Criteria	Conformance level	Remarks and explanations
<p><u>1.2.4 Captions (Live)</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) 	Not applicable	The criterion is not relevant to the product. The product does not have a feature relevant to Captions (Live).
<p><u>1.2.5 Audio Description (Prerecorded)</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) 	Not applicable	The criterion is not relevant to the product. The product does not have a feature relevant to Audio Description (Prerecorded).
<p><u>1.4.3 Contrast (Minimum)</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>1.4.4 Resize text</u> (Level AA) Also applies to: Revised Section 508</p> <ul style="list-style-type: none"> ● 501 (Web)(Software) 	Supports	

Criteria	Conformance level	Remarks and explanations
<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)</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) 	Supports	
<p><u>2.4.5 Multiple Ways</u> (Level AA)</p> <p>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 	Supports	
<p><u>2.4.6 Headings and Labels</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) 	Supports	

Criteria	Conformance level	Remarks and explanations
<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	
<p><u>3.1.2 Language of Parts</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>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 	Supports	
<p><u>3.2.4 Consistent Identification</u> (Level AA) Also applies to: Revised Section 508</p>	Supports	

Criteria	Conformance level	Remarks and explanations
<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><u>3.3.3 Error Suggestion</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) 	Supports	
<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) 	Supports	

Table 3: Success Criteria, Level AAA

Notes: Not evaluated

Revised Section 508 Report

Chapter 3: Functional Performance Criteria (FPC)

Criteria	Conformance level	Remarks and explanations
302.1 Without Vision	Partially supports	Supports with the exceptions documented in the following WCAG sections: <ul style="list-style-type: none">• 1.1.1 Non-text content• 1.3.1 Info and relationships• 2.1.2 No keyboard trap• 3.2.2 On Input• 3.3.1 Error identification• 3.3.2 Labels or instructions• 4.1.2 Name, role, value
302.2 With Limited Vision	Partially supports	Supports with the exceptions listed in 4.2.1 Usage Without Vision
302.3 Without Perception of Color	Supports	The product is usable without perception of color.
302.4 Without Hearing	Supports	The product doesn't have audio content that would require user hearing.
302.5 With Limited Hearing	Supports	The product doesn't have audio content that would require user hearing.
302.6 Without Speech	Supports	The product doesn't have functionality that would require user speech.
302.7 With Limited Manipulation	Partially supports	Supports with the exceptions documented in the following WCAG sections: <ul style="list-style-type: none">• 2.1.2 No keyboard trap
302.8 With Limited Reach and Strength	Supports	The product is usable with limited reach and strength. The product does not include hardware relevant for this criterion.

Criteria	Conformance level	Remarks and explanations
302.9 With Limited Language, Cognitive, and Learning Abilities	Partially supports	Supports with the exceptions documented in the following WCAG sections: <ul style="list-style-type: none">● 1.1.1 Non-text content● 1.3.1 Info and relationships● 3.2.2 On Input● 3.3.2 Labels or instructions● 4.1.2 Name, role, value

Chapter 4: Hardware

Notes: Not applicable. The product is not a hardware product.

Chapter 5: Software

Notes: Not applicable. The product is a web application and does not have authoring tool functionality.

Chapter 6: Support Documentation and Services

Criteria	Conformance level	Remarks and explanations
601.1 Scope	Heading cell – no response required	
<u>602 Support Documentation</u>	Heading cell – no response required	
602.2 Accessibility and Compatibility Features		
602.3 Electronic Support Documentation		
602.4 Alternate Formats for Non-Electronic Support Documentation		
<u>603 Support Services</u>	Heading cell – no response required	
603.2 Information on Accessibility and Compatibility Features		
603.3 Accommodation of Communication Needs		

Legal disclaimer

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