

Globus.org Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.4)

Name of Product/Version: **Globus Web-App**

Report Date: **October 2021**

Product Description: **A web-based SaaS environment for the management of research data.**

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Notes: The Globus service consists of several modules – for the purposes of this evaluation, only that which is required to log into and use the data management web-app will be considered. There is one area that is limited in its conformance to accessibility guidelines – the Management Console. Currently it uses a legacy environment for some administrative features used by system administrators though a new version is being actively developed and we expect to release it in the near future. The software being evaluated in this assessment is Globus Connect Personal – an app that runs locally as a service on a desktop or laptop and appears in a computer’s tray or menu bar. It should

also be noted that Globus Auth, used to manage the authentication of users, interfaces with third party identity management services that are outside Globus' control.

Evaluation Methods Used: This evaluation is based on product knowledge, *FastPass* spot testing using the *Accessibility Insights for Web* in a *Google Chrome* browser and discussions with the web-app's developers.

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)
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (No)

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.x Report

Note: When reporting on conformance with the WCAG 2.x 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)	Web: Partially Supports Software: Partially Supports	Web: not all image content has aria labels Software: most images have help text
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Web: Supports Software: Not Applicable	Web: only one video is in the web app and has descriptive audio Software: there is no audio or video content in the software app
1.2.2 Captions (Prerecorded) (Level A)	Web: supports Software: Not Applicable	Web: currently there are no videos embedded in the web app Software: n/a
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Web: Does Not Support Software: Not Applicable	Web: no additional descriptive audio is provided for the one video in the web app Software: n/a
1.3.1 Info and Relationships (Level A)	Web: Partially Supports Software:	Web: pages are semantically structured to imply the relationships of the content they contain; Management Console lacks aria attributes, though this will be addressed in the soon to be released new version of the Console Software:
1.3.2 Meaningful Sequence (Level A)	Web: Partially Supports Software:	Web: content is ordered in a meaningful sequence and the DOM order matches the visual order; Management Console lacks aria attributes, though this will be addressed in the soon to be released new version of the Console Software:
1.3.3 Sensory Characteristics (Level A)	Web: Partially Supports Software: Supports	Web: most content contains both visual and textual representations of their meaning (we do not rely on color or shape alone to convey meaning); use of text with physical direction/location is avoided whenever possible due to the responsive nature of the layout

Criteria	Conformance Level	Remarks and Explanations
		that can change based on the portal being used to view it Software:
1.4.1 Use of Color (Level A)	Web: Supports Software: Supports	Web: we do not rely on color alone to convey meaning – all icons also have shapes and text to further communicate meaning. Software: we do not rely on color alone to convey meaning – menu text supplements status icon display
1.4.2 Audio Control (Level A)	Web: Not Applicable Software: Not Applicable	Web: there is no audio only content that plays automatically in the web-app Software: n/a
2.1.1 Keyboard (Level A)	Web: Partially Supports Software: Partially Supports	Web: keyboard access is limited in the Management Console, though this will be addressed in the soon to be released new version of the Console Software: Preferences GUI does not support keyboard navigation
2.1.2 No Keyboard Trap (Level A)	Web: Supports Software: Partially Supports	Web: no known traps Software: Preferences GUI does not support keyboard navigation
2.1.4 Character Key Shortcuts (Level A 2.1 only)	Web: Not Applicable Software: Not Applicable	Web: only standard browser key shortcuts are supported Software: n/a
2.2.1 Timing Adjustable (Level A)	Web: Does Not Support Software: Not Applicable	Web: Management Console's dynamic endpoint status graph does not have controls for timing at this time Software: n/a
2.2.2 Pause, Stop, Hide (Level A)	Web: Partially Supports Software: Supports	Web: Management Console contains a system status graph that auto updates every few seconds – there are no controls for this behavior, or to turn off the graph Software: status icon is animated when there are active data transfers – the activity can be paused

Criteria	Conformance Level	Remarks and Explanations
2.3.1 Three Flashes or Below Threshold (Level A)	Web: Supports Software: Supports	Web: no flashing elements Software: no flashing elements
2.4.1 Bypass Blocks (Level A)	Web: Partially Supports Software: Not Applicable	Web: skip links provided throughout web app except the Management Console, though this will be addressed in the soon to be released new version of the Console Software: n/a
2.4.2 Page Titled (Level A)	Web: Supports Software: Not Applicable	Web: all pages display relevant titles Software: n/a
2.4.3 Focus Order (Level A)	Web: Partially Supports Software: Partially Supports	Web: interactive elements are in an order that follows sequences and relationships within the content by making the DOM order match the visual order Software: Preferences GUI does not support keyboard navigation
2.4.4 Link Purpose (In Context) (Level A)	Web: Partially Supports Software: Supports	Web: Some list pages' (e.g. Endpoints, Activity) links require further details to be added to make their link context apparent. This will be addressed as those pages updated. Links in the Management Console area lack context information, though this will be addressed in the soon to be released new version of the Console Software:
2.5.1 Pointer Gestures (Level A 2.1 only)	Web: Supports Software: Not Applicable	Web: file drag and drop is supported in the File Manager, though not required to initiate a transfer as buttons may be used to achieve the same result Software: n/a
2.5.2 Pointer Cancellation (Level A 2.1 only)	Web: Supports Software: Supports	
2.5.3 Label in Name (Level A 2.1 only)	Web: Partially Supports Software: Supports	Web: most controls are labelled, though there are some exceptions to this rule Software: visual labels are often augmented with additional contextual text

Criteria	Conformance Level	Remarks and Explanations
2.5.4 Motion Actuation (Level A 2.1 only)	Web: Not Applicable Software: Not Applicable	Web: there are no controls that rely on motion actuation Software: there are no controls that rely on motion actuation
3.1.1 Language of Page (Level A)	Web: Partially Supports Software: Supports	Web: some legacy areas of web-app do not have language defined Software: English is the only language supported by Globus Connect Personal and is indicated in the application
3.2.1 On Focus (Level A)	Web: Partially Supports Software: Not Applicable	Web: <i>search</i> on the <i>endpoints</i> page causes a change of context to occur when the text input gains focus Software: n/a
3.2.2 On Input (Level A)	Web: Partially Supports Software: Supports	Web: context is maintained when form elements trigger GUI changes; there are a two text inputs that cause a change of context to occur: <i>search</i> on the <i>groups</i> and <i>endpoints</i> pages Software: standard interactions with standard GUI elements
3.3.1 Error Identification (Level A)	Web: Supports Software: Supports	Web: when the cause of an error is known, directions are given to ameliorate the error Software:
3.3.2 Labels or Instructions (Level A)	Web: Supports Software: Supports	Web: all form fields are labelled and in cases where the expected input is not customary, additional instructions are provided Software:
4.1.1 Parsing (Level A)	Web: Does Not Support Software: Not Applicable	Web: page validation issues will be addressed during the comprehensive page audit Software: n/a
4.1.2 Name, Role, Value (Level A)	Web: Partially Supports Software: Supports	Web: Management Console does not support this requirement, though this will be addressed in the soon to be released new version of the Console Software: interface elements use standard controls

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Web: Not Applicable Software: Not Applicable	Web: n/a Software: n/a
1.2.5 Audio Description (Prerecorded) (Level AA)	Web: Does Not Support Software: Not Applicable	Web: no additional narration is provided Software: n/a
1.3.4 Orientation (Level AA 2.1 only)	Web: Supports Software: Not Applicable	Web: the web app is orientation agnostic, responsive, and includes controls to manipulate GUI elements to allow the user hide unwanted menus Software: n/a
1.3.5 Identify Input Purpose (Level AA 2.1 only)	Web: Partially Supports Software: Not Applicable	Web: most form field types are correctly identified though in some legacy areas of the app not all fields are assigned types Software: n/a
1.4.3 Contrast (Minimum) (Level AA)	Web: Partially Supports Software: Supports	Web: Management Console does not meet this requirement, though this will be addressed in the soon to be released new version of the Console Software:
1.4.4 Resize text (Level AA)	Web: Supports Software: Supports	Web: text is resizable via standard browser controls Software: OS enabled accessibility features supported
1.4.5 Images of Text (Level AA)	Web: Not Applicable Software: Not Applicable	Web: no text is presented as an image in the web-app Software: n/a
1.4.10 Reflow (Level AA 2.1 only)	Web: Partially Supports Software: Not Applicable	Web: the web app is responsive, with the exception of a legacy area – the Management Console – this will be addressed in the soon to be released new version of the Console Software: n/a
1.4.11 Non-text Contrast (Level AA 2.1 only)	Web: Supports Software: Supports	Web: all text and graphics required to understand the content meet contrast requirements Software: GUI adjusts to OS settings
1.4.12 Text Spacing (Level AA 2.1 only)	Web: Partially Supports	Web: a legacy area – the Management Console – does

Criteria	Conformance Level	Remarks and Explanations
	Software: Not Applicable	not support overrides. This will be addressed in the soon to be released new version of the Console Software: n/a
1.4.13 Content on Hover or Focus (Level AA 2.1 only)	Web: Supports Software: Supports	Web: all additional content that is triggered by a user is dismissible Software: GUI uses standard OS controls to manage display of elements
2.4.5 Multiple Ways (Level AA)	Web: Does Not Support Software: Not Applicable	Web: currently there is only one method to navigate the web app through the left hand navigation bar Software: n/a
2.4.6 Headings and Labels (Level AA)	Web: Partially Supports Software: Supports	Web: pages are logically organized and semantically marked up, though on extremely small screen sizes (e.g. mobile) some page headers are hidden Software:
2.4.7 Focus Visible (Level AA)	Web: Partially Supports Software: Partially Supports	Web: Management Console area lacks support for this requirement, though this will be addressed in the soon to be released new version of the Console Software: the Preferences GUI does not support keyboard navigation
3.1.2 Language of Parts (Level AA)	Web: Not Applicable Software: Not Applicable	Web: language is set at the page level – there is no current need for more granular presentation at this time Software: n/a
3.2.3 Consistent Navigation (Level AA)	Web: Partially Supports Software: Supports	Web: global app navigation is available on all pages except legacy areas such as the Management Console and guided user flows such as the login sequence Software: single menu access to all features of the software
3.2.4 Consistent Identification (Level AA)	Web: Partially Supports Software: Supports	Web: we are in the process of a terminology change (endpoints & collections) and the retirement of legacy pages so there are areas that do not reflect the most current terms Software:
3.3.3 Error Suggestion (Level AA)	Web: Does Not Support	Web: feedback is provided to the user upon form

Criteria	Conformance Level	Remarks and Explanations
	Software: Not Applicable	submission Software: n/a
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Web: Supports Software: Not Applicable	Web: user settings and consents can be edited, cancelled, or revoked by the user Software: n/a
4.1.3 Status Messages (Level AA 2.1 only)	Web: Partially Supports Software: Supports	Web: Management Console does not meet this requirement, though this will be addressed in the soon to be released new version of the Console Software:

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