
Clarity Express – Setup Guide

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2. Document Revision History

Version	Date	Name	Description
1.0	06/13/2023	Rego Consulting	Document Creation

3. Purpose

The Clarity Express Mobile App for Broadcom's Clarity PPM (Project Portfolio Management) software provides a rich mobile experience, allowing organizations to access Clarity on the go. This app enables users to leverage the latest Clarity functionality through REST API and a streamlined experience using the Modern UX. Intended for "in the field" Work Management, with Clarity Express, you can:

- Login to AWS (Amazon Web Services) or GCP (Google Cloud Platform) environments, supporting SSO enabled environments
- Manage Checklists
- View and Create To Dos
- Interact with Action Items

This application is available for free in the iOS and Android app stores. Please note that for view-only Clarity users to use the mobile app, additional configuration is required. The user setup and additional configuration are easy to set up and manage through the Clarity Application.

4. Setup Guide

4.1 Supported Versions

Clarity Express supports Clarity 16.0.3 or higher versions.

4.2 Access Rights and Permissions

For users to access the functionality provided by the app, users must have the necessary access rights. We highly recommend assigning the following rights through a Security Group for seamless access to the functionality both via the web version and mobile application.

The following access rights are required:

Access Right	Description
Account Settings - Navigate	Allows Access to the Account Settings page.
API - Access	Grants access to REST API. This right is required to run an application utilizing the REST API. A user must have the appropriate application rights to view or update specific functional areas.

Checklist - Create	Allows user to create Checklists.
My Workspace – Navigate	Allows user access to the “My Workspace” pages in the new user experience. Security applies to which Checklists a user can interact with from “My Workspace”
To Do - Create - All	Allows user to create To Dos in the new user experience for which the user has access to view associated objects.
To Do - Delete - All	Allows user to delete all To Dos in the new user experience for which the user has access to view To Dos and to view associated objects.
To Do - Edit - All	Allows user to view and edit all To Dos in the new user experience for which the user has access to view associated objects.
To Do - Navigate	Allows user access to the To Do pages in the new user experience.
To Do - View - All	Allows user to view all To Dos in the new user experience for which the user has access to view associated objects.
Resource - View - All	Allows user to view all resources and their information except the financial properties of the resource. This right is dependent on Resource - Navigate being granted.

4.3 Using API Keys (Optional)

Clarity Express also allows users to leverage API Keys, making the authentication experience more seamless. When the app is using API Keys to authenticate, it will not prompt users for credentials when their previous session has expired. Otherwise, if disabled, users will get prompted to login when the previous session has expired.

To use API Keys, the Clarity administrations will need to create an API Client as per Clarity’s functionality. The application generates and uses Personal API keys on a per user basis. This means an API Key will match the corresponding user’s access rights and settings.

To create an API Client, Follow these steps:

1. Log in to Clarity MUX (Modern UX).
2. From the left-side main menu, click **Administration**.
3. Click **Authentication & Keys**.
4. Click **CLIENTS**.
5. Click **Add Row** to define a new client.

- a. The following values must be used to match the screenshot below:

Code	clarity_express
Name	ClarityExpress
Active	Checked

Code *	Name *	Active *
<input type="checkbox"/> clarity_express	ClarityExpress	<input checked="" type="checkbox"/>

If at any point the functionality needs to be disabled, clear the **Active** checkbox, the client is now inactive, and all keys created by all users for that client are temporarily disabled. Users cannot generate new keys while a client is disabled. When the administrator reactivates the client, the previous keys start working again.

For additional details, refer to:

<https://techdocs.broadcom.com/us/en/ca-enterprise-software/business-management/clarity-project-and-portfolio-management-ppm-on-premise/16-0-3/reference/Clarity-REST-APIs/REST-API-Authentication.html>

5. Appendix