

Smarter Balanced RFP #11/Program Management

API

Script #: 0.0 Program Management API

Scenario Description: Describe the API

- Program Management API when accessed via URL

Version Control

Version #	Date	Author	Description
1.0	07/25/2013	Vishesh Bagga	Initial Draft
2.0	07/26/2013	Ryan Marinello	Updated review comments
3.0	09/17/2013	Ryan Marinello	Added new API Context Roots

Test Scripts

The following scripts will cover this scenario:

- 1.0 Display component API

Test Components/Requirements

This test scenario covers the following high-level test requirements (see scripts below for specific requirements covered by each test script):

- Program Management API

User Groups

- Business Users and Technical Users

Test Requirements

This test scenario covers the following high-level test requirements (see scripts below for specific requirements covered by each test script):

- PRPM.2
- PRPM.2.2

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• Script #: 13 – Display the component API

Script Description

- When the component is accessed via a valid URI's, the respective URI display the component API information.

Testing Requirements

This test script covers the following specific testing requirements:

- List all requirements covered by this script – this ensures traceability across all phases of the project

Setup

- Program Management was deployed locally and deployed on AWS EC2, with MongoDB operational, and environment configuration of war, jar and .properties files.
- QA staff must also have Rest Client available to perform tests with verb GET, POST, PUT or DELETE.
- QA staff must have Chrome, Fire Fox, Safari and IE browsers to perform API tests

Teardown

- None –Script Steps

Step #	Test Action	Expected Results
1	Access the Rest Client (i.e Chrome Advanced Rest Client or similar)	Advanced REST client is functional
2	REST Client: verb GET http://localhost:8080/rest/api	The API for the component is displayed.
3	http://localhost:8080/rest/api/AssetFile	AssetFile API package information displayed
4	http://localhost:8080/rest/api/propertyconfig	propertyconfig API package information displayed
5	http://localhost:8080/rest/api/assetGroup	assetGroup API package information displayed
6	http://localhost:8080/rest/api/tenant	Tenant API package information displayed
7	http://localhost:8080/rest/api/help	Help information displays
8	Open Chrome, Fire Fox, IE, Safari	Browsers are functional
9	Enter HOST value and PATH value in browser	http://localhost:8080/rest/api displays
10	All PATH values return API documentation	/rest/api/help /rest/api/assetPool /rest/api/tenantchain

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Step #	Test Action	Expected Results
		<ul style="list-style-type: none">/rest/api/propertyConfig/rest/api/component/rest/api/tenant/rest/api/assetGroup/rest/api/skinableAssets