

Smarter Balanced RFP #11/Monitoring and Alerting

Monitoring and Alerting GET metricInfo

Script #: 13.0 GET metricInfo

Scenario: verb GET, HOST value <http://localhost:8080/rest>

Path Value: /rest/metricInfo

Purpose: GET metricInfo in Monitoring and Alerting

Version Control

Version #	Date	Author	Description
1.0	03/01/2013	Ryan Marinello	Initial Draft
1.1	April, 2013	Ryan Marinello	Updates, Review

Test Scripts

The following scripts cover this scenario:

13.0 GET /rest/metricInfo Content-Type: application/json by {id}

User Interface Requirement associated within test script (see below)

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

- RADMA.1.3
- RADMA.3
- RADMA.3.1
- PRMA.1
- PRMA.1.1
- NRFMA.3
- NFRMA.7
- RADMA.1.2
- RADMA.1
- RADMA.5
- RADMA.5.1
- RADMA.6

User Groups

Technical Users and Business Users (UI)

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Script Description

This script tests the URI /rest/metricInfo via GET

The status result is 201 Created and the JSON response is correctly constructed with required metadata.

Setup

Monitoring and Alerting is operational and MongoDB is connected

QA staff must have Rest Client available to perform test. It is also possible to see test results in the custom MnA UI.

QA staff has either a Local or Cloud environment deployed for testing to interact with UI.

Teardown

- None

Script Steps

Step #	Test Action	Expected Results
1	Access the Rest Client verb GET	Rest Client viewed in Browser
pre-requisite	Script7.0	
2	Enter HOST value	http://localhost:8080/jmx
3	Enter PATH value	/jmx/metricInfo
4	Define search parameter	/metricInfo/id
5	Content-Type	application/json
6	http://localhost:8080.UI	GET data sent is successful. GET returns expected data as JSON Response
7	Search via UI	Response returns based on parameter specified 200 OK status View Registrations Page contains metricInfo
8	Validation: POST empty payload, {}	requires at minimum: one non-null element in MetricInfo array (see script 7.0)
9	Search DB 'metricInfo' collection	Collection contains data of _id,_class,regId,component,server,node,name,description,category
10	UI matches DB	Metadata for item in DB matches UI for component, server, category, name, description, node

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11	Requirements	RADMA.1.3, RADMA.3,RADMA.3.1, PRMA.1, PRMA.1.1, NFRMA3.,NFRMA.7,RADMA.1.2RADMA.1, RADMA.1.2, RADMA.1.3, RADMA.5, RADMA.5.1, RADMA.6
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Test Execution

Date	Tester	Test ID	Test Phase
April, 2013	RM status: pass	Script13.0	1