

Smarter Balanced RFP #11/Monitoring and Alerting

Monitoring and Alerting GET Metric

Script #: 9.0 GET Metric

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

Path Value: /rest/metric

Purpose: GET metric 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:

9.0 GET /rest/alert Content-Type: application/json and search parameters
{ "server", "node", "component", "metricType", "metricValue", "metricName", "insertTimestamp",
"message", "severity" }

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):

- RFP.88.1.1
- RADMA.1.3
- RADMA.3
- RADMA.3.1
- PRMA.1
- PRMA.1.1
- NFRMA3
- NFRMA.7
- RADMA.1.2
- RADMA.1
- RADMA.1.2
- RADMA.1.3
- RADMA.5
- RADMA.5.1
- RADMA.6

User Groups

Technical Users

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Script Description

This script tests the URI /rest/metric 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
2	Enter HOST value	http://localhost:8080/rest
3	Enter PATH value	/rest/metric
4	define search parameter	{"server", "node", "component", "metricType", "metricValue", "metricName", "insertTimestamp", "message", "severity"}
5	Content-Type:	application/json
6	Click- Send	200 JSON headers and response returns data
7	-	
8	API endpoint query http://localhost:8080/rest/metric?{parameter}=	URL returns query data Endpoint is functional and returns data
9	UI query	Metrics logged as part of registrations UI context search text field returns all matching results Searchable data is available and metadata is available in DB. API endpoint has matching data and UI has matching data
10	Search metrics	
11	DB Collection	
12	DB Search	Item metadata stored & querable from 'metric' collection
13	DB ISOTime	Item stored with time stamp

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14	DB Information	All known property data saved to 'metric' collection
15	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

Test Execution

Date	Tester	Test ID	Test Phase
April,2013	RM	Script9.0	1
		Status: Pass	