

Smarter Balanced RFP #11/Monitoring and Alerting

Monitoring and Alerting GET Alert

Script #: 8.0 GET Alerts

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

Path Value: /rest/alert

Purpose: GET alert 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:

8.0 GET /rest/alert Content-Type: application/json and search parameters
{"severity", "server", "node", "insertTimestamp", "component", "message", "id", "alertType"}

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
- PRMA.1, PRMA.1.1
- RADMA.2, RADMA.2.1
- RADM.4
- RADMA.4.1
- RFP.120
- RFP.120.1
- NFRMA.6

User Groups

Technical Users

Smarter Balanced RFP #11/Monitoring and Alerting

Monitoring and Alerting GET Alerts

Script Description

This script tests the URI /rest/alert 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/alert?{searchparameter}
4	parameters	{"severity", "server", "node", "insertTimestamp", "component", "message", "id", "alertType"}
5	Content-Type:	application/json
6	Click Send	API for comp displays 200 OK returns and JSON response returns metadata
7	API endpoint query via HTTP	Browser returns HTML response
8	<code>http://{localhost:8080}/rest/alert?{parameter}=</code>	{"severity", "server", "node", "insertTimestamp", "component", "message", "alertType", "url"}
9	UI query	UI Search Alerts Link returns
10	Search Alerts	startdate, time end date, time component, severity, message, alertType
11	Filtering / Sorting data for finding specific alert by UI grid	Columns: Time,Component,Severity, Alert Type, Message
12	DB Collection	Searchable data is available and metadata is available in DB. API endpoint has matching data and UI has matching data

Smarter Balanced RFP #11/Monitoring and Alerting

Monitoring and Alerting GET Alert

13	DB Search	Stored data retrievable from 'alert' collection
	DB ISOTime	Item stored with time stamp
14	DB Information	All data information saved to 'alert' collection
15	Requirements	RFP.88.1.1, PRMA.1, PRMA.1.1, RADMA.2, RADMA.2.1, RADM.4, RADMA.4.1, RFP.120, RFP.120.1, NFRMA.6

Test Execution

Date	Tester	Test ID	Test Phase
April,2013	RM	Script8.0	1
		Status: pass	