Script #: 1

Scenario Description: Describe the API

- Monitoring and Alerting API when accessed via URL

Version Control

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

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):

- Monitoring and Alerting API

User Groups

- Business Users and Technical Users

Script #: 1.0 – 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

- Monitoring and Alerting 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 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	Pass/ Fail
1	Access the Rest Client (i.e Chrome Advanced Rest Client or similar)	Advanced REST client is functional	See status
2	REST Client: verb GET http://localhost:8080/rest/api	The API for the component is displayed.	
3	http://localhost:8080/rest/metric/api	Metric API package information displayed	
4	http://localhost:8080/rest/api/log	Log API package information displayed	
5	http://localhost:8080/rest/api/alert	Alert API package information displayed	
6	http://localhost:8080/rest/api/notificationRule	notificationRule API package information displayed	
7	http://localhost:8080/rest/api/notificationGroup	notificationGroup API package information displayed	
8	http://localhost:8080/rest/api/help	Help information displays	
9	http://localhost:8080/jmx/api	Registration, MetricInfo, Registration(s)	
10	Open Chrome, Fire Fox, IE, Safari	Browsers are functional	
11	Enter HOST value and PATH value in	http://localhost:8080/rest/api displays	See

Step #	Test Action	Expected Results	Pass/Fail
	browser		status
12	All PATH values return API documentation	/rest/api/help, /rest/api/alert, /rest/api/metric, /rest/api/log, /rest/api/notificationRule, /rest/api/notificationGroup, /jmx/api/registration, /jmx/api/metricInfo, /jmx/api/registrations	pass
13	Requirements	RFP.119.5	

Test Execution

Date/Time	Tester	Test ID	Test Phase	Status
March, April 2013	RM	Script1.0	M&A 1	Pass