

# Smarter Balanced RFP #11/Monitoring and Alerting

## Monitoring and Alerting Notification Rule

### Script #: 5.0 POST /notificationRule

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

**Path Value:** /rest/notificationRule

### Purpose: Add notificationRule in Monitoring and Alerting

- The POST request is asynchronous and no response is returned. If an error occurs before the asynchronous request is sent, the error returns to the caller.

### 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:

- 5.0 POST /rest/notificationRule Content-Type: application/json and Encoded Payload contents {"id", "ruleType", "attribute", "regex", "active", "notificationGroups"}

### Test Requirements

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

- RFP.88
- RFP.88.1.6
- RFP.121
- RFP.121.1
- RFP.121.2
- PRMA.1
- PRMA.1.1

### User Groups

- Technical Users

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## Script Description

This script tests the URI /notificationRule via POST

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

tep #	Test Action	Expected Results	Pass/Fail
1	Access the Rest Client. Verb POST	Rest Client viewed in Chrome Browser	
2	Enter HOST value	http://localhost:8080/rest	
3	Enter PATH value	/rest/notificationRule	
4	Enums	ruleType: "ALERT" or "LOG"	
5	Encode Payload parameters (required are bolded). "regex" utilized to scan entries created in M&A	{"id", " <b>ruleType</b> ", " <b>attribute</b> ", "regex", "active", " <b>notificationGroups</b> "}	
6	set Content-Type	application/json	
7	Click Send	POST alert 201 Status Created, Request Headers and Response return, Metadata matches Payload	
8	Search UI and Search DB collection	Searchable data is available and metadata is available in DB. API endpoint has matching data and UI has matching data	
9	JMX mbeans	managed bean created Rule in UI	
10	Requirement	RFP.88, RFP.88.1.6, RFP.121, RFP.121.1, RFP.121.2, PRMA.1, PRMA.1.1	pass

### Test Execution

Date	Tester	Test ID	Test Phase
March, April 2013	RM	Script5.0	1

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