

Smarter Balanced RFP #11/Monitoring and Alerting

Monitoring and Alerting URI DELETES

Script #: 17.0 DELET E

Scenario: verb DELET, HOST value <http://localhost:8080/jmx> or /rest

Path Value: /jmx/registration and /jmx/metricInfo

Purpose: DELETE from Mongo,Hyperic, and Monitoring and Alerting UI

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:

17.0 GET /jmx/registration or /metricInfo Content-Type: application/json by {id}

User Interface Requirement associated within test scrip

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

- PRMA.5
- RADMA.1.1
- RFP.88.1.4
- NFRMA.6
- RADMA.5
- RADMA.5.1

User Groups

Technical Users

Script Description

This script tests the URI /jmx/registration, /jmx/metricInfo via DELETE

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. Hyperic is functional, JMX webapp is functional.

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

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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
0	Unregister via REST client verb DELETE	Unregistration completes across all levels
pre-requisite	Script7.0	
1	Enter HOST value	http://localhost:8080/jmx/registration/
2	Enter PATH value	/registration/{id}, /server/{serverName}, /{server}/{node}, /{server}/{node}/{component}
3	Click Send	Any registrations or metricInfo existing in DB, JMX and Hyperic are removed by DELETE /jmx/registration
pre-requisites	Script7.0	
1	Enter HOST value	http://localhost:8080/jmx/metricInfo/
2	Enter PATH value	/metricInfo/{id}, /server/{server}, /node/{node}, /component/{component}, /metric/{metric}
3	Click Send	Any registrations or metricInfo existing in DB, JMX and Hyperic are removed by DELETE /jmx/metricInfo
1	Validation of server requirements	Non arbitrary server names are valid Response of 200/201 message of success Arbitrary server names and not valid, will not be deleted 400 bad request - null response if arbitrary
2	registration Entry removed from DB	DB collection 'registration' data removed
3	metricInfo Entry removed from DB	DB collection 'metricInfo' data removed
4	Webapp Entry removed from JMX	JMX /registrations UI no longer displays data
5	UI Entry removed from Hyperic	Non existing in Hyperic
6	Requirement	PRMA.5, RADMA.1.1, RFP.88.1.4, NFRMA.6, RADMA.5, RADMA.5.1

Test Execution

Date	Tester	Test ID	Test Phase
April,2013	RM	Script17.0	1
		status: pass	

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DELETE/notificationGroup/{id} | /registration/{id}

Step #	Test Action	Expected Results
1	Access RESTClient verb DELETE	client is available
2	Pre requisite: see Script 6.0	Non arbitrary data is stored
3	Enter HOST value	http://localhost:8080/rest
4	Enter PATH value	/rest/notificationGroup/{id} or /rest/registration/{id}
5	Click - Send	Endpoints remove from MONGO, JMX, and from HYPERIC 200 status successful 204 status if no content
6	Search UI and Search DB	Remove from WebappJMX, DB and Hyperic
7	CRUD via UI	UI Delete option is functional and removes selection
8	Requirements	PRMA.1, PRMA.1.1, RADMA.7, RADMA.7.1

Test Execution

Date	Tester	Test ID	Test Phase
April, 2013	RM	Tester	1
		status Pass	