

Smarter Balanced RFP #11/Monitoring and Alerting

Monitoring and Alerting Validations

Script #: 24.0 Validations

Scenario: M&A data validations

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 information covers this scenario:

24.0 Validation functions for M&A component

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

- RADMA.1.2
- PRMA.1
- PRMA.1.5

User Groups

Technical Users

Script Description

This script covers testing input data validations for Monitoring and Alerting.

Setup

Monitoring and Alerting is configured and functional.

QA staff must have access to Advanced REST client. QA staff has either a Local or Cloud environment deployed.

Teardown

- None

Script

Description	Test Action	Expected Results
Validations	Endpoints /rest or /jmx	verify the validations for MnA are functional
component.required	POST without 'component' property in Payload to endpoints	A component name is required for M&A registration
server.required	POST without 'server' property in Payload to endpoints	A server name is required for M&A registration.
node.required	POST without 'node' property in Payload to endpoints	A node name is required for M&A registration
all notblank	POST empty payload to each endpoint	Relevant response based on endpoint, message specific

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alternate.Key.required	POST without 'alternateKey' to endpoints	Bind.Error check format
atleast.one.nonnull	POST with blanks	Bind.Error check format
correctkeys.required	POST without alternatekey	Bind.Error check format
category.type.required	POST without categoryType	A category type is required
metric.type.required	POST without metricType	A metric type is required
metric.name.required	POST without 'metricName' property in Payload	A metric name is required for M&A registration
metric.displayName.required	POST without displayName	A metric display name is required for M&A registration
metric.description.required	POST without 'metricDescription' property in Payload	A metric description is required for M&A registration.
metric.category.required	POST without 'category' property in Payload	A metric category of UTILIZATION, THROUGHPUT, or AVAILABILITY is required for M&A registration
metric.Info.required	metricinfo.required.	At least one MetricInfo is required for M&A registration
metric.no.valid.keys.found	metric.no.valid.keys.found	A metric info requires either a registration id or a combination of server, node, and component in order to be created.
notificationRule.attribute.required	POST without attribute	Attribute required
notificationRule.ruleType.required	POST without ruleType	A rule type is required
notificationRule.notificationGroups.required	POST without notificationGroups	Error binding data on server, please check format
notificaitonGroup.groupName.required	POST without groupName	A group name is required
notificationGroup.memberNames.required	POST without memberNames	A member name is required
notificationGroup.memberName.notblank	POST without emails	Error binding data on server, please check format
bind.exception	POST a poorly formatted Payload	Error binding data on server, please check format
unexpected.error	unexpected.error	An unexpected error has occurred
	Requirements:	RADMA.1.2 PRMA.1 PRMA.5

Test Execution

Date	Tester	Test ID	Test Phase
March, April 2013	RM	Script24.0	1
		status: pass	