# Script #: 4.0  POST /log

# Scenario: verb POST, HOST value http://localhost:8080/rest
# Path Value: /rest/log

# Purpose: POST alert 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:

- 4.0 POST /rest/log  Content-Type: application/json and Encoded Payload contents {"severity", "server", "node", "insertTimestamp","component","message","id","referenceNumber", "stackTrace"}

# Test Requirements

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

- RFP.88.1.1
- PRMA.1
- PRMA.1.1
- RADMA.1
- RADMA.2.1
- RADMA.4
- RADMA.4.1
- RFP.120
- RFP.120.1
- NFRMA.6
- RADM.1.6
- RADMA.16.1

# User Groups

- Technical Users

## Script Description

This script tests the URI /log 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

| Step # | Test Action | Expected Results | Pass/ Fail |
|---|---|---|---|
| 1 | Access the Rest Client verb POST | Rest Client viewed in Chrome Browser | Pass |
| 2 | Enter HOST value | http://localhost:8080/rest | |
| 3 | Enter PATH value | /rest/log | |
| 4 | Enums | n/a | |
| 5 | Encode Payload parameters | {"severity", "server", "node", "insertTimestamp","component","message","id","referenceNumber", "stackTrace"} | |
| 6 | Set Content-Type: application/json | application/json | |
| 7 | Click Send | POST log 201 Status Created, Request Headers and Response return, Metadata matches Payload | |
| 8 | Search UI and Search DB Collection | Searchable data returns stored metadata available in DB.  API endpoint functions and UI has matching data | |
| 9 | Search DB for Time (ISO) | YYYY-MM-DDTHH:MM:SS | |
| 10 | JMX mbeans | created Log in Hyperic | |
| 11 | Requirements | RFP.88.1.1, PRMA.1, PRMA.1.1, RADMA.1, RADMA.2.1,RADMA.4, RADMA.4.1, RFP.120, RFP.120.1, NFRMA.6, RADM.1.6, RADMA.16.1 | Pass |

### Test Execution

| Date | Tester | Test ID | Test Phase |
|---|---|---|---|
| March,April 2013 | RM | Script4.0 | 1 |
| | | Status: Pass | |