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|--------------|--------------|-----------------------|--|---------|
| Test Case ID | TC-016       | Test Case Description | POST to /hash to create a new hash entry |         |
| Created By   | Morey Bevers | Reviewed By           | Morey Bevers                             | Version |

#### QA Tester's Log

|               |              |             |                    |                          |
|---------------|--------------|-------------|--------------------|--------------------------|
| Tester's Name | Morey Bevers | Date Tested | September 18, 2019 | Test Case (Pass/Fail/Not |
|---------------|--------------|-------------|--------------------|--------------------------|

| S # | Prerequisites:                          |
|-----|---|
| 1   | Access to binary in WIN/LIN/Darwin      |
| 2   | Access to Laptop/Server for Manual Test |
| 3   |   |
| 4   |   |

| S # | Test Data      |
|-----|----------------|
| 1   | UserID = Any   |
| 2   | Password = Any |
| 3   |                |
| 4   |                |

**Test Scenario** Verify on POST that a Request ID is generated followed by a 5 second delay and then the Hash is generated

| Step # | Step Details  | Expected Results  | Actual Results  | Pass / Fail / |
|--------|---|---|---|---------------|
| 1      | Set a PORT env variable to 8088 (export PORT=8088)  | No Error returned   | As Expected   | Pass          |
| 2      | Start the binary (FG or BG) : ./broken-hashserve_darwin &   | Binary Loaded, PID assigned<br>eg: ps -ef   grep darwin                             | As Expected : Moreys-MacBook-Pro:jumpCloud mbevers\$ ps -ef   grep darwin<br>501 54909 88661 0 5:08PM ttys000<br>0:00.04 ./broken-hashserve_darwin  | Pass          |
| 3      | Issue a POST command to /hash to generate a new hash entry.: curl --no-proxy '*' -X POST -H "application/json" -d '{"password":"angrymonkey"}' http://127.0.0.1:8088/hash | Immediate Request ID return and then a 5 second delay before the Hash is generated. | Not as Expected: The 5 second delay was initiated and then Request ID (1) was returned and then the Hash was generated. Not to spec. The Request ID should return immediately per the Spec  | FAIL          |
| 4      | Verify that a Hash was generated for the Request ID returned in (3) above. Eg: curl -H -XGET http://127.0.0.1:8088/hash/1 ; echo ""                                       | Hash 1 Generated  | As Expected. Returned Hash is: NN0PAKtieayiTY8/Qd53AeMzHkbvZDdwYYiDnwtDdv/FIWvcy1sKCb7qi7Nu8Q8Cd/MqjQeyCI0pWKDGp74A1g== (Note: no validation that this hash is correct) There is another test case planned for this.)                       | Pass          |
| 5      | Run Steps (4) and (5) again with the same password and verify that the same hash is returned again with a Request ID of 2   | Hash 2 Generated  | As Expected. Returned Hash is: NN0PAKtieayiTY8/Qd53AeMzHkbvZDdwYYiDnwtDdv/FIWvcy1sKCb7qi7Nu8Q8Cd/MqjQeyCI0pWKDGp74A1g== (Note: no validation that this hash is correct) There is another test case planned for this.) Hash Request ID is 2. | Pass          |
|        |   |   |   |               |









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