Defect Report for BugID 101

Defect ID:	101
Author:	Morey Bevers
Release/Build #	Build where issue was discovered 0c3d817 per version.txt in the tarball Build Date: Dec 11, 2017
Open Date:	09/18/19
Close Date:	System generated when QA closes
Problem Area:	Hash generation section (POST /hash) The design spec calls out a specific order of operations. A Hash Request ID will be immediately returned followed by a 5 second delay, after which the Hash is added to the table.
Defect or Enhancement:	∞ JΑ∫∪π
Problem Title:	Hash Request ID returned after 5 second delay, not before
Problem Description:	The Request ID is not returned immediately upon a POST to /hash. It is returned after the 5 second delay. This is not to the design specification. It is 100 percent repeatable and easily discovered by inspection. Steps to Reproduce: (1) Start binary with an exported PORT env set to 8088. (2) Open another session and POST a password to /hash. Eg: time curl --noproxy '*' -X POST -H "application/json" -d '{"password":"mondaymonkey"}' http://127.0.0.1:8088/hash (3) Verify the output on the command line: 14 real 0m5.023s user 0m0.007s sys 0m0.007s (4) By visual inspection you can see that the 5 seconds passes prior to the output of the Request ID 14 above. (5) This is 100% Repeatable.
Expected Result	Per the Spec, I expected to the the Request ID

	returned immediately and then 5 seconds later the HASH was to be generated.
Current Environment:	MacOS High Sierra v 10.13.06 (17G7024)
Other Environment(s):	curl 7.54.0 (x86_64-apple-darwin17.0) libcurl/7.54.0 LibreSSL/2.0.20 zlib/1.2.11 nghttp2/1.24.0
Defect Type:	Functionality (Default) ! Architectural ! Connectivity ! Consistency ! Database Integrity ! Documentation ! GUI ! Installation ! Memory ! Performance ! Security and Controls ! Standards and Conventions ! Stress ! Usability
Who Detected:	Quality Assurance (Default) ! External Customer ! Internal Customer ! Development
How Detected:	Testing (Default) ! Review ! Walkthrough ! JAD
Assigned To: (Required)	Individual assigned to investigate problem
Priority:	! High (Default) Critical (should be fixed before released) ! Medium ! Low
Severity:	! High (Default) ! Critical Medium (Defect that is not Critical; Not to Spec ! Low
Status:	Open (Default) ! Being Reviewed by Development ! Returned by Development ! Ready for Testing in the Next Build ! Closed (QA)

	! Returned by (QA) ! Deferred to the Next Release
Status Description:	Request for Triage of this Bug Report
Fixed by:	(Required when) Status = "Ready for Testing in the Next Build"
Planned Fix Build #:	(Required when) Status = "Ready for Testing in the Next Build"

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