

Title

Send/Receive and verify a request - Linux environment

Type**Priority****Estimate**

Application

5 - 10 minutes

Preconditions

1. Linux machine (for example Ubuntu, CentOS).
2. Some prior basic knowledge of Linux and how to navigate via command line.

Steps**Expected Results**

1	Open a Terminal and run the following POST request: curl -X POST -H "application/json" -d '{"password":"angrymonkey"}' http://127.0.0.1:8088/hash	After running the command, it should take about five seconds to receive the response. It should return a value in a carriage return. It should be a number, for example, 1 or 2 or 3, etc.
2	Run the following command in Terminal: curl -H "application/json" http://127.0.0.1:8088/hash/1	We should see a hash that looks like this: NN0PAKtieayiTY8/Qd53AeMzHkbvZDdwYYiDnwtDdv/FIWvcy1sKCb7qi7Nu8Q8Cd/MqjQeyCI0pWKDGp74A1g==
3	Verify the hash with the SHA512 algorithm. Run the following command in Terminal: echo angrymonkey sha512sum	We should see a hash that looks like this: 306a28214c1879231768505cd18404b6b089bb8d3f299d781fae14826db8203e548a3fe66abb81cef69544924a085add658a172443fc62497985f9385565ef1a
4	Now, we run the hash that was returned to us in step 3. echo 306a28214c1879231768505cd18404b6b089bb8d3f299d781fae14826db8203e548a3fe66abb81cef69544924a085add658a172443fc62497985f9385565ef1a base64	The same hash should return as in Step 2 above: NN0PAKtieayiTY8/Qd53AeMzHkbvZDdwYYiDnwtDdv/FIWvcy1sKCb7qi7Nu8Q8Cd/MqjQeyCI0pWKDGp74A1g==

Postconditions

Matching hash value returns after running the SHA512 algorithm.