

Project

Password hashing application

Issue Type

Bug

Summary

Hashes should be similar and they aren't

Priority

Major

Description

Steps to reproduce:

1. Open Terminal and run the following command:

```
curl -X POST -H "application/json" -d '{"password":"angrymonkey"}'  
http://127.0.0.1:8088/hash
```
2. This command will give you value (a number) in carriage return, five seconds after running the command.
3. Take the value that you received in step 2 above (in this case, 5), and run the following command:

```
curl -H "application/json" http://127.0.0.1:8088/hash/5
```
4. After running step 3 above, it returns a hash that looks like this:
`NN0PAKtieayiTY8/Qd53AeMzHkbvZDdwYYiDnwtDdv/FIWvcy1sKCb7qi7Nu8Q8Cd/MqjQeyCI0pWKDGp74A1g==`
5. Run `echo {password} | sha512sum` then press enter. The result should be a hash value. For example:
`echo angrymonkey | sha512sum` then press enter. It should give you the following hash.

`306a28214c1879231768505cd18404b6b089bb8d3f299d781fae14826db8203e548a3fe66abb81cef69544924a085add658a172443fc62497985f9385565ef1a`
6. "echo" the hash value from Step 5 in Terminal with pipe base 64:

```
echo  
306a28214c1879231768505cd18404b6b089bb8d3f299d781fae14826db8203e548a3fe66abb81cef69544924a085add658a172443fc62497985f9385565ef1a | base64
```

The hash returned in step 6 should be equal to the hash that we received in Step 3, but it's not. See the attached screenshot.

Attachments

```

kali@kali:~/Documents/jc$ curl -X POST -H "application/json" -d '{"password":"angrymonkey"}' http://127.0.0.1:8088/hash
{"password":"angrymonkey"}
kali@kali:~/Documents/jc$ curl -H "application/json" -h http://127.0.0.1:8088/hash/7
{"password":"angrymonkey"}
kali@kali:~/Documents/jc$ echo angrymonkey | sha512sum
a2a217141607e424939131910d10d59142d682b3548a3f6e6abb1c1ef6954824a8b5d658a17244f3c62497985f938556f1a | base64
OQVOTMh0NTUzNmMwMmMk
kali@kali:~/Documents/jc$

```

These two hashes should be similar but they aren't