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09/26/2017

Lab 2: HMAC

1)       What you have learned about HMAC (10);

HMAC is a way for message authentication. It mainly helps to check 2 things.

* The authenticity of the person who sent the message. It help me make sure the third party didn’t sent a fake message.
* Check the integrity of the message.  Whether the message altered or not.

2)      Steps of your work (e.g., the language and library you used, code and comment, problems you encountered and how you solved them, etc.) Screen captures is recommended (20). The report should be an individual work.

* Language we used:
  + Python
* Libraries Used
* Import hmac
* Import hashlib
* Import socket
* Problem Faced
* It took some time to find the right libraries and function for the lab
* Port number also give some errors.  Finally, part number  12345 worked
* Screen Capture:

