

Laboratory Report

COURSE NUMBER AND TERM

Laboratory Number: __1__

Date __Feb 23, 2013__

Examiner's Name: __Smith, John_____

Laboratory Number: _____1_____

Examination or Validation Tasking:

The purpose of this laboratory exercise is to demonstrate the use of two digital forensic imaging tools: Garner's DD.exe and ProDiscover 7.x. Both flat file and compressed images will be taken from a single USB drive. The digital signatures will be calculated and compared.

Forensic Question(s): [Use Inman & Rudin Paradigm]

1. Can we individualize a forensic image?
2. Can we associate a forensic image to it's original?
3. How can we reconstruct the creation of a forensic copy (image)?

Steps Taken:

1. List all the important steps.
2. If you will refer to anything in the remainder of the report, it's origin must be documented here.
3. Include the version numbers for any software you use.
4. Do NOT put any results in here.
5. The test is: "can someone understand what you did?"

Results:

The original USB drive was imaged times using the two software applications. The original and all image copies were hashed using the MD5 algorithm with the following results:

Item	MD5SUM.EXE Hash	ProDiscover Hash
Original Drive		
Image 1 (DD.exe)		
Image 2 (ProDiscover DD)		
Image 3 (ProDiscover Compressed)		

Conclusions:

This is where you outline the logical conclusions derived from the facts. You must link the data in the results with the scientific conclusions that can be derived from that data. There are three elements: the data, the science and the process. While the courts do not really address the difference between scientific opinion and scientific conclusions, we will make the distinction for educational purposes as that between the logical conclusion to be reached from a scientific set of facts and an opinion based on experience.

Opinions:

For the purposes of this class, you may be required to render an opinion concerning the likelihood of a particular set of circumstances.

Certification: <Last Page Only>

I hereby certify that the work presented above was personally performed by me and the opinions and conclusions stated are my own and based upon the work that I performed.

Signature