Homework Assignment #8 –Forensics II

Practical Cyber Security Fundamentals (CTF), Spring 2017
Department of Computer Science, Florida State University

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Points: 45
Due: Beginning of the class (5:15pm) on March 27th, 2017

Submission: You need to submit electronically via Blackboard by uploading a pdf file (named "**hw8-Firstname-Lastname.pdf**") for your answers and programs to the problems; you need to combine all the parts into a single file. Here replace "Firstname" using your first name and replace "Lastname" using your last name in the file name.

The main purpose of this assignment is to let you practice tools that are commonly used in solving forensics problems in CTF competitions. You need to **document your steps** in your write-up.

Problem 1 (15 points)

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"Bobby Bowman has been fired. We need to log on to his account can you get his plaintext
password for us?"
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File: http://www.cs.fsu.edu/~liux/courses/ctf/assignments/memory_fun.tar.bz2 (Size: 1,356,410,843 bytes)

Problem 2 (15 points)

We need to recover the images for our blood splatter analysis.

File: http://www.cs.fsu.edu/~liux/courses/ctf/assignments/Cabbie.pcapng (Size: 503260 bytes)

Problem 3 (15 points)

Can you solve our forensics final problem?

File: http://www.cs.fsu.edu/~liux/courses/ctf/assignments/StayinAlive.wav (Size: 104,857,600 bytes)

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