Lab 3 Worksheet/Report – Integrity  
CS3670

**Your Name Here**

1. How long did it take the initial AIDE database with the default configuration?
2. How long did it take to build the AIDE database when two hash functions were included?
3. What is the time difference between the two numbers recorded above?
4. Based on the difference recorded in #3, what recommendation(s) can be made about the number of hashes that should be saved?
5. Which of the changes did AIDE **not** detect?
6. In Item #5 of the Worksheet you recorded a change that was not detected by AIDE. Refer back to the AIDE configuration file at /etc/aide.conf to explain why the change was not detected.
7. Referring back to the AIDE log file at /var/log/aide/aide.log, find the detailed information about the changes made to the logger command. What would an administrator learn about this change from the information provided?
8. How could you change the AIDE configuration file such that only the /etc/shadow file has several digests generated and saved? Be specific.
9. Describe any extra experimentation you performed.
10. What did you learn in this lab assignment?
11. How could this lab be improved?