

Assignment 6

CISC 3325

Submit your write-up as a pdf document on blackboard. Include your full name at the writeup. Name the writeup as x-assignment6.pdf, where x is your first and last name.

1. Choose either the Linux kernel, OS X (the MAC OS) or Windows 10. Then go to the National Vulnerabilities Database, <https://nvd.nist.gov/vuln/search>, and look for a recent (within the last year) vulnerability discovered in the operating system. Describe the problem and how severe the problem is.
2. Investigate the Linux security kernel, SELinux
 - a. Who originally developed the concept of a security kernel for Linux?
 - b. When was SELinux first made available for installation?
 - c. List some of the policies enforced by SELinux that make it a security kernel.
3. Is there a security kernel that has been mathematically proven to be correct? Explain.