

## CS 4330 Building Secure Software

### Homework 1

Due, Friday, January 18, 2008

#### Investigating Sources

The point of this exercise is to introduce you to a variety of on-line sources related to software security. You are expected to visit the sites mentioned and to give enough of an answer to the questions below to indicate that you have, indeed, seen the document or site in question. Your answers should be brief, not “encyclopediac”.

1. [www.cert.org](http://www.cert.org)
  - i. What are the titles of the two “Insider Threat” reports?
  - ii. What is the “lesson” of the picture found by following *Developers* → *Secure Coding Standards* → *Top 10 Secure Coding Practices*?
2. [csrc.nist.gov](http://csrc.nist.gov)
  - i. To what does the acronym “FDCC” refer?
  - ii. What is “SP 800-69” (under Special Publications)?
3. [www.kb.cert.org/vuls](http://www.kb.cert.org/vuls)

How does VU#115083 affect Windows 2000?
4. [www.first.org](http://www.first.org)

What is this? How many members does it have?
5. [www.us-cert.gov](http://www.us-cert.gov)

How is the “Storm worm” propagated?
6. [cve.mitre.org](http://cve.mitre.org)

What does “CVE” mean? How many does this page say there are?
7. [www.commoncriteriaportal.org](http://www.commoncriteriaportal.org)

How many “Official Labs” are listed for Japan?
8. [www.cesg.gov.uk](http://www.cesg.gov.uk)

What is a “CTAS”?
9. [www.itu.int](http://www.itu.int)

Under “Cybersecurity, Spam and Cybercrime” what ITU subgroups have activities listed?
10. [www.epic.org](http://www.epic.org)

What is the date on the report “2007 International Privacy Rankings” (under the “Privacy International ...” item)?
11. [www.acm.org/usacm](http://www.acm.org/usacm)

What error is cited in the “box” in the column on the NY Times Magazine coverage of E-Voting? What operating system was involved?
12. [www.sans.org](http://www.sans.org)

Under “Top-20 Vulnerabilities” select “Email Clients”. Which mail clients have “CVE” citations applied to them?
13. [isc.sans.org/survivaltime.html](http://isc.sans.org/survivaltime.html)
  - i. What is the title of the guide offered (via a link) for Windows XP?
  - ii. What is the name of the document actually delivered?
14. [www.nsa.gov/ia](http://www.nsa.gov/ia)

What is this page? Under “Academia” how many scholarship programs are listed?