

Outline for January 11, 2002

1. Greetings and Felicitations!
2. Puzzle of the day
3. Robust Programming
 - a. Creating, reading tickets
 - b. Creating, deleting queues
 - c. Adding, removing items
4. Common Implementation Vulnerabilities
 - a. Unknown interaction with other system components (DNS entry with bad names, assuming finger port is finger and not chargen)
 - b. Overflow (year 2000, *lpr* overwriting flaw, *sendmail* large integer flaw, *su* buffer overflow)
 - c. Race conditions (*xterm* flaw, *ps* flaw)
 - d. Environment variables (*vi* one-upsmanship, *loadmodule*)
 - e. Not resetting privileges (Purdue Games incident)