

Homework 4

Due Date: March 17, 2008

Total Points: 100

Problems

1. (26 points) text, §10.10, exercise 7. *Hint:* Consider two cases: one in which the attacker does not send an initial message to Bob (that is, impersonate Alice in step 1), and the second where she does.
2. (10 points) text, §12.10, exercise 8.
3. (20 points) text, §15.9, exercise 8.
4. (20 points) text, §17.7, exercise 5.
5. (24 points) text, §22.11, exercise 2.

Extra Credit Problems

6. (15 points) text, §15.9, exercise 7.
7. (10 points) text, §22.11, exercise 7.