Quiz 2

Fall 2013 – EECE 512 – UBC

October 24, 2013
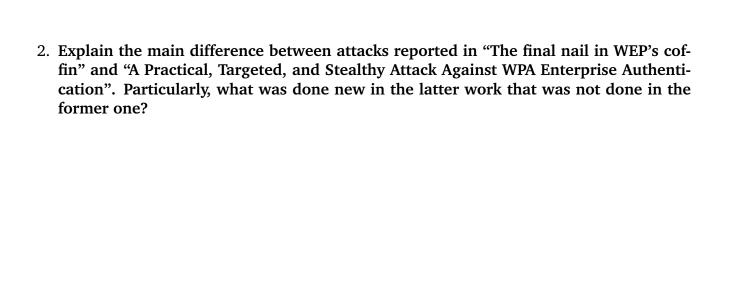

Candidate's name:

Candidate's student number:

Candidate's signature:

Remarks

1. No books, notes, or any other devices with text storage or communication capabilities are allowed.

2. Be brief and to the point.

3. **There are four questions on this quiz. Each question is 5 points.**

4. The maximum score possible on this quiz is 20.

5. *The duration of this quiz is 45 minutes.*

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1. **Name at least three ways of evading bot classification proposed in "Detecting Automation of Twitter Accounts …" and briefly explain the difficulties an adversary would face while evading the classification scheme using those ways?**

2. **Explain the main difference between attacks reported in "The final nail in WEP's coffin" and "A Practical, Targeted, and Stealthy Attack Against WPA Enterprise Authentication". Particularly, what was done new in the latter work that was not done in the former one?**

3. **Explain the intuition behind the two breaches of privacy (from "New Privacy Issues in Mobile Telephony …"), which expose a subscriber's identity and allow an attacker capable of sending and receiving messages on the air to identify the presence of a target mobile phone in a monitored area, or even track its movements across a set of monitored areas.**

4. **What are the main four contributions claimed by the author of "Analyzing an Anonymized Corpus of 70 million Passwords"?**