Quiz 8

- 15 minutes

- One problem

- Submit solutions to me by email

- Closed book, closed notes

- No internet access allowed during quiz

System security audit

- You are a security consultant with evaluating the security of a highway toll system tag.

- Customer is concerned that someone who obtains physical access to the tag for an hour or two (such as a valet) may be able to clone it.

- Customer has received reports that organized crime wants to sell counterfeit tags to fund their operations.

System security audit

- What are the three attacks you would consider first in your audit?

  – The adversary has a large budget and plenty of time to research the attack but a brief window to actually extract the key from each target.

  – Attacks leaving no evidence are desirable for the attacker in this scenario.

- How would you test if the device is vulnerable to each possible attack?