12. Exercise sheet
Hand in solutions until Sunday, 03 July 2011, 23:59

Exercise 12.1 (Traceability). (7 points)


(ii) Passports from which countries were tested?

(iii) What is the special flaw in the French e-Passport in this context?

(iv) Describe the "time-based traceability attack" in general.

Exercise 12.2 (Myths about e-Passports!). (10 points)


(ii) With Exercise 12.1 in mind judge Myth # 11.

(iii) Verify the numbers in Myth # 33 and present them in bits. Are they reasonable? Compare with your results from exercise 11.2. Why is — according to the author — the low entropy of the MRZ no threat?

(iv) Choose your two favorite myths (except # 11 and # 33) and find for each myth a source in which the myth is claimed to be true. Give a short summary of the source and why it is claimed to be only a myth. Judge the statements made by either sides.
Exercise 12.3 (primary biometric identifier). (4 points)

In the lecture you discussed "Why ICAO selected the face as primary biometric identifier specified to e-passports". Consider the voice of a person as biometric identifier and comment whether the arguments for the ICAO’s decision still hold or not.