

Computer Security (COM-301)

Software Security

Interactive Exercises

Carmela Troncoso

SPRING Lab

carmela.troncoso@epfl.ch

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Which of the following statements are true:

- a) The W^X policy, when strictly enforced, prevents code injection attacks.
- b) Canaries aim to protect from both code injection and control flow hijacking attacks.
- c) Control flow hijacking attacks are possible even when the adversary does not know the addresses of the system functions.
- d) A fuzzing testing framework can either attempt to test all control flows or test all data flows but not both at the same time.

A, B, and C are true.

D is wrong since it is *possible* to try to check both, even if not common in practice.