
Part III - Questions

Slides: http://10kstudents.eu/m/files/material/pptx/syssec_10K_Countermeasures.pptx

3.1 Explain how to exploit the example on slide 65 (assuming random stack canaries)

3.2 Exploit the same code, but now assume random canaries protect the stack, and assume DEP prevents execution of the stack

3.3 Now assume that (i) random canaries protect the stack, (ii) DEP prevents execution of the stack, and (iii) the stack and the start address of the code is randomized by ASLR. However, let all functions are still at the same relative offset from start address of code (in other words: need only a single code pointer). Can you still exploit the code?
