Pwn Challenge (15 points)

You won't be able to steal our secret data: we have enabled all mitigations and also added an innovative random stack padding of our own. The randomization is even renewed whenever the server crashes or detects an attack.
Relase Notes for v2.0: the server has been finally ported from 32 bits to 64 bits.
The source and binary code is available as additional material.

You can request two hints on the solution:

- Hint #1: General hint. Cost: -1 points.

- Hint #2: How to defeat randomization. Cost: -4 points.

Web Challenge (15 points)

Inception is a website that makes you navigate through dreams, and also add new scenes inside dreams. Deeply hidden in dreams (more concretely, in a table of the database) there is a flag that you must steal.
The source code is available as additional material.

You can request two hints on the solution:

- Hint #1. Vulnerability analysis. Cost: -2.5 points.

- Hint #2. Database structure. Cost: -2.5 points.