

Pwn Challenge (15 points)

Our remote database service has been compiled with all available protections. Test connectivity from your location with the handy `e` command.

You can request two hints on the solution:

- Hint #1: Analysis and exploitation plan of the overflow bug. Cost: -2 points.
- Hint #2: Analysis and exploitation plan of the leak bug. Cost: -3 points.

Web Challenge (15 points)

MessageInBottle is a website that lets you write a message, put it in a bottle and dip it in the ocean. The flag is at the other end of the ocean, held by someone that will read your messages.

The source code is available as additional material.

You can request two hints on the solution:

- Hint #1. Vulnerability analysis. Cost: -4 points.
- Hint #2. Commented version of the source code. Cost: -1 points.