

Pwn Challenge (15 points)

I have recently entered a system where they are developing a “super-secure” suid program. You can have a look and judge by yourselves: ssh with user ‘snh’ and password ‘shn’.

You can request two hints on the solution:

- Hint #1: Analysis of the bug. Cost: -2 points.
- Hint #2: Attack plan. Cost: -3 points.

Web Challenge (15 points)

FirstNum is a website that lets you compute the first number of the IPv4 address of a domain of your choice. The flag is in a file on the web server.

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.

