Pwn Challenge (15 points)

Stop worrying about insecure tmp space on your computer and try our remote tmp directory service. Upcoming releases will let you work securely on secret data too.

The source code is available here: https://lettieri.iet.unipi.it/hacking/2022-07-07.tar.gz

You can request two hints on the solution:

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

- Hint #2: Attack plan. Cost: -2 points.

Web Challenge (15 points)

Darkpoetry is a website through which various *poète maudit* all around the world can upload their poetry and read each other's work to take inspiration from. Each poem has a title of max 30 characters without spaces. A poet can upload a new poem by specifying a new title, or a new part of an existing poem by specifying an existing title. Poems (or parts of) are uploaded through ".txt" files. There is a secret flag on the site, but nobody is allowed to access it.

You can request two hints on the solution:

- Hint #1. Vulnerability analysis. Cost: -4 points.

- Hint #2. Content of the "upload.php" script. Cost: -1 points.