

## CTF Instructions

Welcome to our CTF! We are excited for you to start playing :)

The goal of this CTF is for you to learn about an interesting vulnerability in WPA2, a wifi authentication protocol, that allows for brute-force and dictionary attacks. Using this vulnerability, you will create a password cracker! We hope you enjoy the challenges, and understand how important it is to pick strong passwords :)

Our CTF is hosted on:

<https://server.noamzaks.com>

Don't worry!

All explanations relevant to the challenge are provided to you on the site.

Additional materials on networking, multithreading and more are also available :)

On the website, you will find our challenges, sorted into categories. You will find all necessary material there! You should download the files for each challenge, start by reading the detailed instructions we provided (as a pdf file, inside each challenge's zip file), and then start implementing your code.

Each challenge also includes hints, which you can "pay" for, also uploaded to the site, and if you think you solved the challenge- enter the flag!

Good luck!