

Introduction ITSec Password Management and Cracking

Precondition

Before start check out that:

You have read and understood

- Hashing
- Symmetric and Asymmetric Encryption

If not do it later!.

The mission

In this lesson, we will:

Rehearse JWT Token

Introduce the issues of password management

Explore password cracking program and architectures

Do some real life password cracking

Programming secure socket communication

Outcome

After this lesson, you have learned about:

Principles for good passwords

Counter attacks againsts hackng passwords

The structure a password cracking program

Distributes architecture used by bots

Hashcat using GPU

Next step and next week

It's time for some assignments at the end of the lecture:

Install Password Cracking Centralized Program

Install Hashcat

Discuss and solve questions in the assignments on this week.