

SE507 μ Hacking Password Hashes with Rainbow Tables

Mission 3: RainbowCrack

This assessment evaluates the following competencies:

- *CS502 – Understand how rainbow table can be used to find a password given the hashed passwords database* (+1)
- *CS901 – Understand how passwords database can be attacked* (+2)

In this mission, you have to install and try the RainbowCrack tool to crack some password hashes using a pre-computed rainbow table (several tables are available for download on their website). To succeed the mission, you have to:

1. Install RainbowCrack on your computer.
2. Create a small password file and crack it with the tool and a pre-computed rainbow table.
3. Explain and show to the teacher how you used the tool (if the computation time is too high, make a screenshot of your final result and just show to the teacher how you launched the analysis).

You can find the RainbowCrack tool and instructions about how to install and use it at the following address: <https://project-rainbowcrack.com>.