# Računalna forenzika

## Lab 1

import socket

import subprocess

image\_path = 'imageFESB.001'

bitlocker2john\_cmd = f'john-1.9.0-jumbo-1-win64\\run\\bitlocker2john -i {image\_path}'

process = subprocess.Popen(bitlocker2john\_cmd, stdout=subprocess.PIPE, stderr=subprocess.PIPE, shell=True)

output, error = process.communicate()

keys = output.decode().strip().split('\n')

recovery\_key = [s for s in keys if "$bitlocker$1$" in s]

print(f'BitLocker recovery key: {recovery\_key[0]}')

hashcat\_cmd = f'hashcat-6.1.1\\hashcat -m 22100 -a 3 {recovery\_key[0]} "218?d?d?d?d?d"'

process2 = subprocess.call(hashcat\_cmd, shell=True)

output, error = process2.communicate()

cracked\_password = subprocess.check\_output([hashcat\_cmd + " --show"], shell=True).decode()

cracked\_password = cracked\_password.split(':')[-1]

print(f"Cracked password : {cracked\_password}")