**CIS 2640 – Lab 2**

**Password Cracking with Linux**

| **Your Name:** | Liliane Owens |
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| **Date:** | 4/19/23 |

**Instructions**: Complete the tasks described in this worksheet. Read the instructions carefully and submit evidence of your completed tasks (a screen shot is your evidence). Answer the questions below in the space provided.

* **Showing Evidence of Completion:** Your evidence of completion is a screen shot, as described in each exercise. Use the tool of your choice to take a screen shot of the required content. ***Screen shots should be pasted at the end of this document.***
* **Answering Questions:** Your answers should be written in carefully edited college-level English, using complete sentences.

| **Lab – Password Cracking with Linux** | |
| --- | --- |
| **Instructions and Evidence of Completion** | **Answer a Question** |
| At the end of the document (not in this table) paste a screen capture that shows:   1. The successful creation of accounts elmo, homer, lisa and oscar with passwords 2. The successful transfer of the shadow file from the DVL machine to the Kali machine 3. The successful use of the Johnny password cracking tool.   ***Be sure your screen shot(s) include any command executed and the resulting output in clear / cropped screenshots.*** | Answer each of the questions below using the space to the right of the question. Be sure your answer is complete and correct. |
| **Question** | **Answer** |
| 1. What kind of password cracking did John the Ripper use in this lab? | It is dictionary using wordlist called passlist. |
| 1. What kind of password cracking did hashcat use in this lab? | It is brute force used. |
| 1. What was the result of running hashcat in this lab? | It has revealed all 12NTHashes with their passwords. |
| 1. What are the last three entries in the file /tmp/wordlists/passlist? | Lasocial, gustwind, traptim. |
| 1. What are the three password cracking tools used in this lab? | Hashcat, John the Ripper, Johnny. |
| 1. Name three other widely used password cracking tools. | Aircrack-ng, Hydra, DaveGrohl. |
| 1. Name three password cracking techniques commonly used? | Dictionary search, Rainbow attack, Guessing. |

Put screenshots here:

1. The successful creation of accounts elmo, homer, lisa and oscar with passwords

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1. The successful transfer of the shadow file from the DVL machine to the Kali machine

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Description automatically generated]()

1. The successful use of the Johnny password cracking tool.

![Graphical user interface, application, table

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