Lab Report

Your Performance

Your Score: 4 of 4 (100%)   Pass Status: Pass

Elapsed Time: 3 minutes 42 seconds   Required Score: 100%

Task Summary

Required Actions & Questions

   ✔ Crack the password to the Linux computer

   ✔ Q1What is the password for the Linux computer?
Your answer: 1worm4b8
Correct answer: 1worm4b8

   ✔ Crack the password to the zip file

   ✔ Q2What is the password for the rotected.zip file?
Your answer: p@ssw0rd
Correct answer: p@ssw0rd

Explanation

In this lab, your task is to use John the Ripper to:

- Crack the root password on Support.
- Crack the password of the protected.zip file in the home directory on IT-Laptop.

Complete this lab as follows:

1. Crack the root password on Support as follows:
   a. From the Favorites bar, open Terminal.
   b. At the prompt, type **cd /usr/share/john** and press **Enter** to change directories to the folder containing the John the Ripper password file.
   c. Type **ls** and press **Enter** to list the files in the directory.
   d. Type **cat password.lst** and press **Enter** to view the password list. This is an abbreviated list.
   e. Type **cd** and press **Enter** to go back to root.
   f. Type **john /etc/shadow** and press **Enter** to crack the Linux passwords.
      Notice that the root password of 1worm4b8 was cracked.
   g. Type **john /etc/shadow** and press **Enter** to attempt to crack the Linux passwords again.
      Notice that it does not attempt to crack the password again. The cracked password is already stored in the john.pot file.
   h. Type **cat ./.john/john.pot** and press **Enter** to view the contents of the john.pot file.
   i. Type **john /etc/shadow --show** and press **Enter** as an alternate method of viewing the previously cracked password.
   j. In the top right, select **Answer Questions**.
   k. In Terminal, find the *root password* and answer the question.

2. Crack the password of the protected.zip file as follows:
   a. From the top navigation tabs, select **Floor 1 Overview**.
   b. Under IT Administration, select **IT-Laptop**.
   c. From the Favorites bar, open Terminal.
   d. At the prompt, type **ls** and press **Enter** to view the contents of the home directory. Notice the protected.zip file you wish to crack.
   e. Type **zip2john protected.zip > ziphash.txt** and press **Enter** to copy the hashes to a text file.
   f. Type **cat ziphash.txt** and press **Enter** to confirm that the hashes have been copied.
   g. Type **john --format=pkzip ziphash.txt** and press **Enter** to crack the password.
      Notice that the password of p@ssw0rd was cracked.
   h. Type **john ziphash.txt --show** and press **Enter** to show the password.
   i. In the top right, select **Answer Questions**.
   j. In Terminal, find the *password* for the file and answer the question.
   k. Select **Score Lab**.