9.13 Lab: Crack a Password with John the Ripper

Candidate: COMPTIA COMPTIA ()
Time Spent: 00:51

Score: 0%

Task Summary

Required Actions and Questions

✕ Crack the password for the Linux computer

✕ *Q1*: What is the password for the Linux computer?

Your answer:

Correct answer: 1worm4b8

✕ Crack the password for the zip file

✕ *Q2*: What is the password for the protected.zip file?

Your answer:

Correct answer: p@ssw0rd

Explanation 🎧

Complete this lab as follows:

1. Crack the root password on Support.
    a. From the Favorites bar, select **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. From the top right, select **Questions**.
    k. Answer Question 1.
    l. Minimize the Lab Questions dialog.
2. Crack the password of the protected.zip file.
    a. From the top left, select **Floor 1 Overview**.

b. Under IT Administration, select **IT-Laptop**.

c. From the Favorites bar, select **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.

h. Type **john ziphash.txt --show** and press **Enter** to show the password.

i. From the top right, select **Questions**.

j. Answer Question 2.