Password Cracking Challenge 2

Switching Teams

Challenge   92 Solves   ✕

25

Your name is Sam and you work for Secure in the Deep Blue. You have been contacted by the authorities in regards to your boss conducting criminal activities. He has mysteriously disappeared and you are only able to only extract one ZIP file from his account. Crack the ZIP file and find the flag! Either Brute Force or use the provided Dictionary File.

Format: SBTVIP{---}

Part 1 of 2 of Closing Out

Unlock Hint for 5 points

⬇ Admin.zip	⬇ SuperSecret....

Flag	Submit

Answer: We have a zip file and and provided dictionary file. The are few ways to solve this one but we're going to try my favourite method first using johntheripper.

First we need to generate a hash for the zip file. Command: zip2john Admin.zip > AdminPass

Now we have the hash. Let's finish the off by using john with the rockyou wordlist. Command: john AdminPass --wordlist=rockyou.txt

We have our password, a1b2c3d4, we can now extract everything and read the flag file. John/Flag1.txt

Flag: SBTVIP{Secure_contain_pr0t3ct}

```
root@kali:/home/kali/Pictures# zip2john Admin.zip > AdminPass 2>/dev/null
root@kali:/home/kali/Pictures# cat AdminPass
Admin.zip:$pkzip2$3*2*1*0*8*24*d999*9202*6a7e5e017c8597596be0039107f45ad9f43f1e55f7dce7fa7b81e943b9b2231248568e95*1*0*
8*24*8e9f*9206*8c5c3cf26e2c9974fa2f00b89a77a42d9f58cd1f323b03ebb0d84eaa5d7a630d5ae9e9d1*2*0*2a*1e*c3b55fde*3f*48*0*2a*
c3b5*8e81*b3c92cc77a5ecce7b1c76ca4fc61c3adc8a76f866ecbf8b7a38f08b2cd007c1044033c9ca26def27e62f*$/pkzip2$::Admin.zip:Jo
hn/Flag1.txt, John/Homework/Churchill/Winston Churchill - Wikipedia.URL, John/Homework/Churchill/.jpeg:Admin.zip
root@kali:/home/kali/Pictures# john AdminPass --wordlist=rockyou.txt
Using default input encoding: UTF-8
Loaded 1 password hash (PKZIP [32/64])
No password hashes left to crack (see FAQ)
root@kali:/home/kali/Pictures# john AdminPass --show
Admin.zip:a1b2c3d4::Admin.zip:John/Flag1.txt, John/Homework/Churchill/Winston Churchill - Wikipedia.URL, John/Homework
/Churchill/.jpeg:Admin.zip

1 password hash cracked, 0 left
```

```
root@kali:/home/kali/Pictures# unzip Admin.zip
Archive:  Admin.zip
   creating: John/
[Admin.zip] John/Flag1.txt password:
 extracting: John/Flag1.txt
   creating: John/Homework/
   creating: John/Homework/Churchill/
  inflating: John/Homework/Churchill/.jpeg
  inflating: John/Homework/Churchill/Winston Churchill - Wikipedia.URL
  inflating: John/Homework/Churchill/Winston Churchill Biography, World War II, & Facts ....URL
  inflating: John/Homework/Churchill/Winston-Churchill-1.jpg
   creating: John/Personal Stuff/
   creating: John/Personal Stuff/Certifications/
  inflating: John/Personal Stuff/Certifications/ITFUNDAMENTALS.txt
   creating: John/Personal Stuff/Certifications/SBT/
  inflating: John/Personal Stuff/Certifications/SBT/rant.txt
  inflating: John/Personal Stuff/How-To-Build-NGINX-Server.txt
   creating: John/Pictures/
  inflating: John/Pictures/dan-gold-P_0R02ArdLE-unsplash.jpg
  inflating: John/Pictures/davisco-5E5N49RWtbA-unsplash.jpg
  inflating: John/Pictures/gatis-marcinkevics-a5uptAdUmjE-unsplash.jpg
  inflating: John/Pictures/ivan-bandura-5cwigXmGWTo-unsplash.jpg
  inflating: John/Pictures/matteo-bernardis-QpIayO5KIRE-unsplash.jpg
  inflating: John/Pictures/mohamed-nashah-GIsFHopvbPA-unsplash.jpg
   creating: John/Work/
  inflating: John/Work/To-Do.txt
root@kali:/home/kali/Pictures#
```

```
kali@kali:~/Pictures$ sudo cat John/Flag1.txt
SBTVIP{Secure_contain_pr0t3ct}kali@kali:~/Pictures$
```