

AUCTF 2020

## Password Cracking : Zippy

**Description :** Have Fun !

**Attachment :** zippy.zip

### Solutions :

This challenge is easy, we just need to crack all the zip for the flag. I got an error using unzip I used 7zip for fix it.

Use **zip2john** to convert the zip in hash.

```
root@kali:/home/kali# zip2john zippy.zip > crack_zippy
ver 81.9 zippy.zip/unzipme.zip is not encrypted, or stored with non-handled compression type
```

Then crack it with **john**.

```
root@kali:/home/kali# john --wordlist=/usr/share/wordlists/rockyou.txt crack_zippy
Using default input encoding: UTF-8
Loaded 1 password hash (ZIP, WinZip [PBKDF2-SHA1 128/128 AVX 4x])
Will run 4 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
8297018229 (zippy.zip/unzipme.zip)
1g 0:00:06:19 DONE (2020-04-06 07:11) 0.002635g/s 31069p/s 31069c/s 31069C/s 82973..82634904
Use the "--show" option to display all of the cracked passwords reliably
Session completed
```

Uncompress "zippy.zip" using **7zip** and the cracked password.

```
root@kali:/home/kali# 7z x zippy.zip

7-Zip [64] 16.02 : Copyright (c) 1999-2016 Igor Pavlov : 2016-05-21
p7zip Version 16.02 (locale=en_US.UTF-8,Utf16=on,HugeFiles=on,64 bits,4 CPUs Intel(R) Core(TM)
i7-8565U CPU @ 1.80GHz (806EB),ASM,AES-NI)

Scanning the drive for archives:
1 file, 1049 bytes (2 KiB)

Extracting archive: zippy.zip
--
```

```
Path = zippy.zip
Type = zip
Physical Size = 1049
```

```
Enter password (will not be echoed):
Everything is Ok
```

```
Size: 908
Compressed: 1049
```

Repeat those steps with the nexts zip, “**unzipme.zip**”, “**do\_it\_again.zip**”, “**again.zip**”, “**keep\_going.zip**”, “**almost\_there.zip**” and “**nice.zip**”.

Once you extract the last zip “**nice.zip**” with the password cracked “**LEFTEYE**”, you will get the flag saved in “**flag.txt**”.

```
root@kali:/home/kali# cat flag.txt
y0ud1d17#15789
```

**Flag : y0ud1d17#15789**