Category: Rev

Challenge: Find Me

## Writeup:

When I run binwalk, I see the following information:

```
themer@ubuntu:~/Downloads/ctf$ binwalk findMe.exe

DECIMAL HEXADECIMAL DESCRIPTION

0 0x0 Microsoft executable, portable (PE)
27300 0x6AA4 mcrypt 2.2 encrypted data, algorithm: blowfish-448, mode: CBC, keymode: 8bit
```

It is an unpacked windows executable. Since it is not packed, there is no need to unpacking process before reversing.

There are multiple solutions exist.

## **Solution 1:**

Just write the following and you will get the flag

```
themer@ubuntu:~/Downloads/ctf$ strings findMe.exe | grep SUCTF
SUCTF{I_AM__H3RE}
```

## **Solution 2:**

You can open it with a hex editor.

At around 0x25F8 address you can see the flag:

```
......SUCTF{I_AM__H3RE}.Secret Code
For The Flag:.%s..Maybe the secret
code is the flag.....NOPE. But you
deserve a 5 seconds delay:)
.....Argument domain error (DOMAI
M).Argument singularity (SIGN)
Overflow range error (OVERFLOW).Part
Lal loss of significance (PLOSS)...
Total loss of significance (TLOSS)...
Total loss of significance (TLOSS)...
```

## **Solution 3:**

You can disassemble it. I will use radare2 now. But ofc. you can use any other disassembler.

run following:

\$ radare2 findme.exe

- > aaa
- > afl
- > s sym.main
- > pdf

and you will see following:

flag is there.