HGAME 2022 WEEK1 容世

Crypto

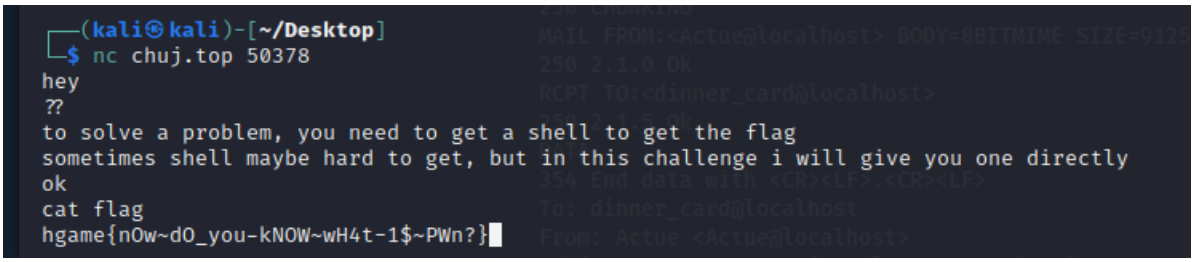
Easy_RSA

```
import gmpy2

a=[(12433, 149, 197, 104), (8147, 131, 167, 6633), (10687, 211, 197, 35594),
(19681, 131, 211, 15710), (33577, 251, 211, 38798), (30241, 157, 251, 35973),
(293, 211, 157, 31548), (26459, 179, 149, 4778), (27479, 149, 223, 32728),
(9029, 223, 137, 20696), (4649, 149, 151, 13418), (11783, 223, 251, 14239),
(13537, 179, 137, 11702), (3835, 167, 139, 20051), (30983, 149, 227, 23928),
(17581, 157, 131, 5855), (35381, 223, 179, 37774), (2357, 151, 223, 1849),
(22649, 211, 229, 7348), (1151, 179, 223, 17982), (8431, 251, 163, 30226),
(38501, 193, 211, 30559), (14549, 211, 151, 21143), (24781, 239, 241, 45604),
(8051, 179, 131, 7994), (863, 181, 131, 11493), (1117, 239, 157, 12579), (7561,
149, 199, 8960), (19813, 239, 229, 53463), (4943, 131, 157, 14606), (29077, 191,
181, 33446), (18583, 211, 163, 31800), (30643, 173, 191, 27293), (11617, 223,
251, 13448), (19051, 191, 151, 21676), (18367, 179, 157, 14139), (18861, 149,
191, 5139), (9581, 211, 193, 25595)]

for x in a:
    e=x[0]
    p=x[1]
    q=x[2]
    result=x[3]
    n=p*q
    d = gmpy2.invert(e, (p-1)*(q-1))
    print(chr(pow(result,d,n)),end='')
```

常规RSA，如上

pwn

test_your_nc



IoT

饭卡的uno

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