

奇怪的TTL字段 攻防世界



3分

题目描述

题目给出了TTL值构成的文本

解题

文本中只包含四种数值

63 = 00111111

127 = 01111111

191 = 10111111

255 = 11111111

可见前两位是可以隐藏信息的。

编写脚本将前两位提取出来，并保存为图片 out.png

Python

```
1 s=''
2 src = ''
3 dest= ''
4 with open('ttl.txt','r') as fi:
5     for i in fi.readlines():
6         n=int(i[4:])
7         if n== 63:
8             s = '00'
9         elif n == 127:
10            s = '01'
11        elif n == 191:
12            s = '10'
13        elif n == 255:
14            s = '11'
15        src+=s
16 print(src)
17 for i in range(0,len(src),8):
18     dest += chr(int(src[i:i+8],2))
19 print(dest)
```

分离文件



拼接图片，扫码



Free Online Barcode Reader

To get such results using [ClearImage SDK](#) use [TBR Code 103](#).

If your **business** application needs barcode recognition capabilities,
email your technical questions to support@inlitteresearch.com
email your sales inquiries to sales@inlitteresearch.com

File: [c7637444-8f02-4eaa-bc50-f23bc88a5f0a.png](#)

[New File](#)

Pages: 1

Barcodes: 1

Barcode: 1 of 1

Type: QR

Page 1 of 1

Length: 62

Rotation: none

Module: 5.5pix

Rectangle: {X=7,Y=7,Width=243,Height=243}

key:AutomaticKey cipher:fftu{2028mb39927wn1f96o6e12z03j58002p}



[自动密钥密码](#) 进行解密

自动密钥密码

Autokey Cipher

fftu{2028mb39927wn1f96o0e12z03j58002p}

AutomaticKey

加密

解密

flagabdfdeabee

这种加密方法只包含字母，最后再把对应位置的数字符号插入进去即可得到flag.