

20220209-CTF-MISC-BUUCTF-修改图片宽高--ARCHPR工具的使用

原创

[qq_51550750](#) 已于 2022-02-09 15:08:04 修改 566 收藏 1

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于 2022-02-09 15:06:43 首次发布

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[CTF刷题](#) 专栏收录该内容

50 篇文章 1 订阅

订阅专栏

[CTF-MISC-BUUCTF-大白](#)

题目

解题快手榜



大白

1

看不到图？是不是屏幕太小了注意：得到的 flag 请包上 flag{}
提交

 379140b0-c...

Flag

提交

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下载附件：

 379140b0-c2aa-4aa6-b372-031beb2007f0.zip

解压，得到一张图片：

 dabai.png

打开不能:



已经损坏。

```
(kali@kali)-[~]
└─$ binwalk /home/kali/Desktop/379140b0-c2aa-4aa6-b372-031beb2007f0.zip
```

DECIMAL	HEXADECIMAL	DESCRIPTION
0	0x0	Zip archive data, at least v2.0 to extract, compressed size: 149931, uncompressed size: 150560, name: dabai.png
150061	0x24A2D	End of Zip archive, footer length: 22

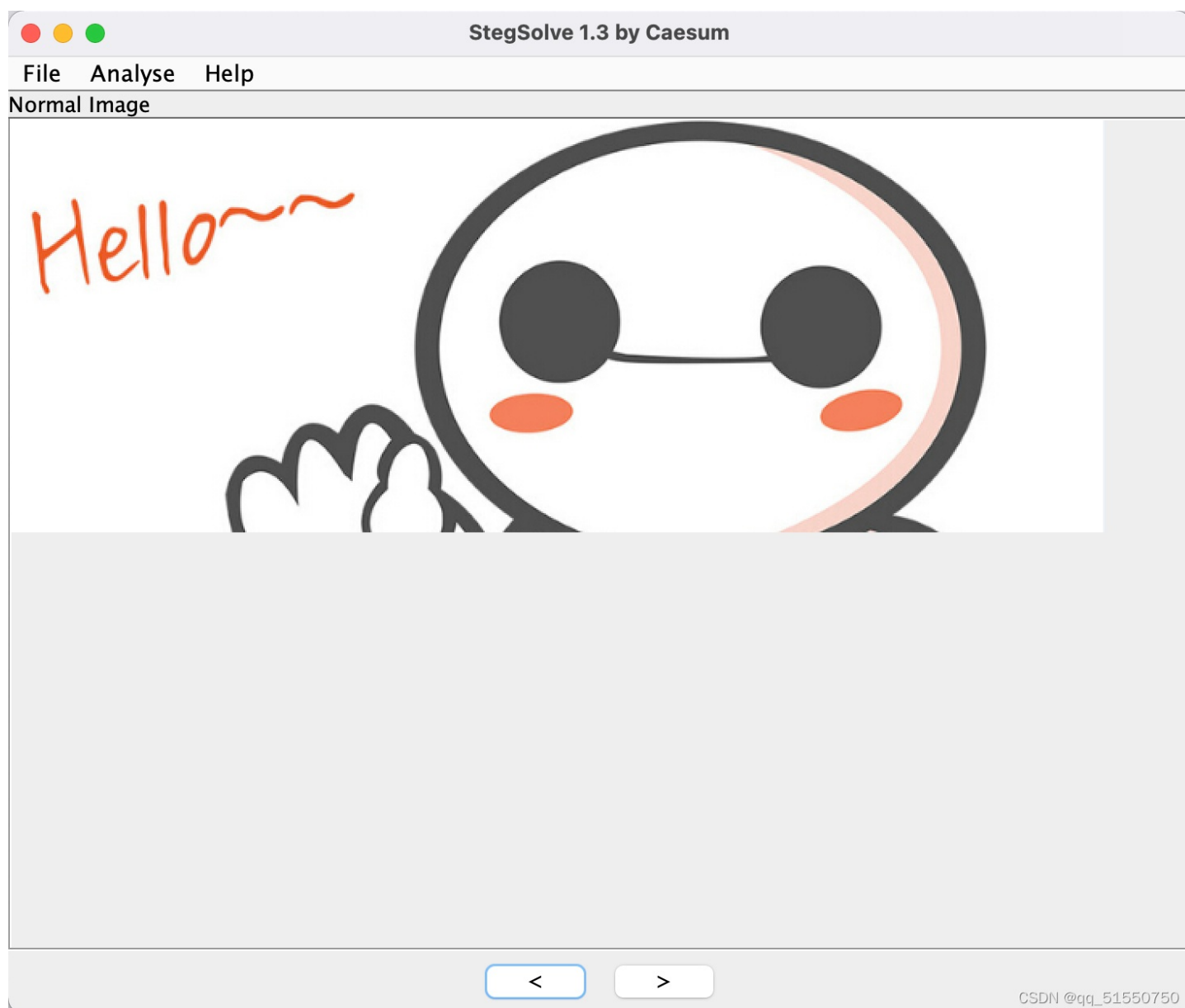
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```
(kali@kali)-[~]
└─$ binwalk /home/kali/Desktop/dabai.png
```

DECIMAL	HEXADECIMAL	DESCRIPTION
0	0x0	PNG image, 679 x 256, 8-bit/color RGBA, non-interlaced
91	0x5B	Zlib compressed data, compressed

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然后用stegsolve尝试打开:



明显是图片高度被修改了，导致图片只显示了一半
菜单栏选择Analyse-》File Format-》查看图片数据

File Format Analysis

File format report

File: dabai.png
Read 24c20 bytes

Chunk:
Critical – necessary for display of image MUST BE
recognized to proceed

Public

Unsafe to copy unless known to software

Hex:

49484452

Ascii:

IHDR

Data length = 13 bytes

CRC = 6d7c7135

Calculated CRC = 8e14dfcf

Width: 2a7 (679)

Height: 100 (256)

Bit Depth: 8

OK

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为了修改图片的高度，结合上面得到的，用010editor打开dabai.png，然后找到值，将高度修改为两倍100—》1000:

File format report

File: dabai.png
Read 24c20 bytes

Chunk:
Critical – necessary for display of recognized to proceed
Public
Unsafe to copy unless known to s
Hex:
49484452
Ascii:
IHDR
Data length = 13 bytes
CRC = 6d7c7135
Calculated CRC = 8e14dfcf
Width: 2a7 (679)
Height: 100 (256)
Bit Depth: 8

010 Editor hex editor showing the IHDR chunk with the height value 100 highlighted in orange.

	0	1	2	3	4	5	6	7	8	9	A	B
:	89	50	4E	47	0D	0A	1A	0A	00	00	00	0D
:	00	00	02	A7	00	00	10	00	08	06	00	00
:	35	00	00	00	01	73	52	47	42	00	AE	CE
:	00	04	67	41	4D	41	00	00	B1	8F	0B	FC
:	00	09	70	48	59	73	00	00	0E	C4	00	00

查看图片，最后得到flag:flag{He1l0_d4_ba1}



这道题不建议大家放到Mac或者kali的环境下去做，明显图片打开不了，不能查看

CTF-MISC-BUUCTF-基础破解

基础破解

1

给你一个压缩包，你并不能获得什么，因为他是四位数字加密的哈哈哈哈哈。。。不对==我说了什么了不得的东西。。注意：得到的 flag 请包上 flag{} 提交

 5e46643e-b...

Flag

提交

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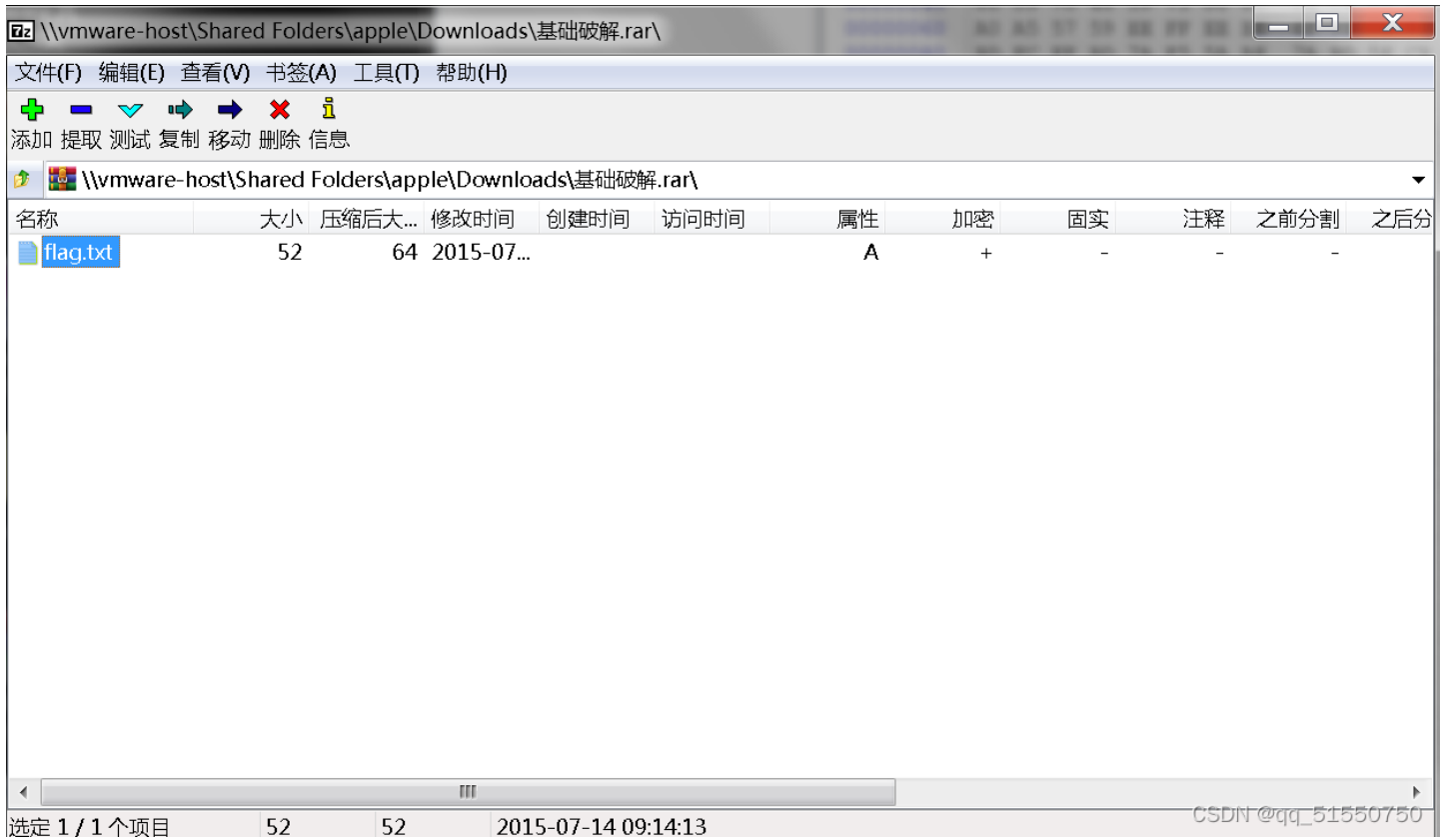
下载，解压：



基础破解.rar



5e46643e-be69-4c63-86ac-c009251f2287.zip

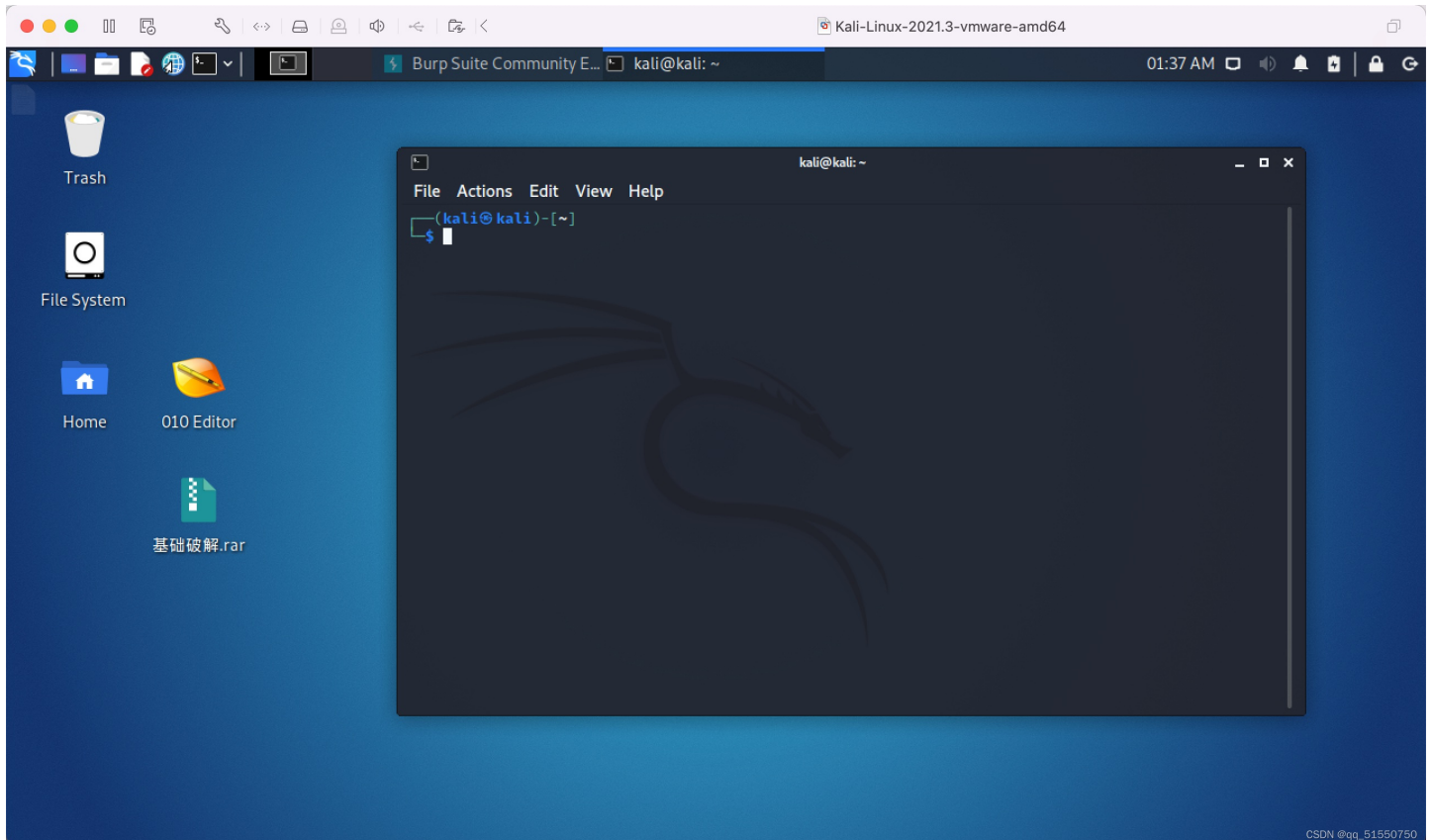


【方法1尝试】

回想到之前做过一道压缩包破解密码的题：https://blog.csdn.net/qq_51550750/article/details/122817107

20220208--CTF MISC-- BUUCTF--二维码 1--binwalk-john- (工具的使用：分析文件/暴力破解压缩包密码)

于是我把这道题的 基础破解.rar这个压缩包拖到kali的环境下：



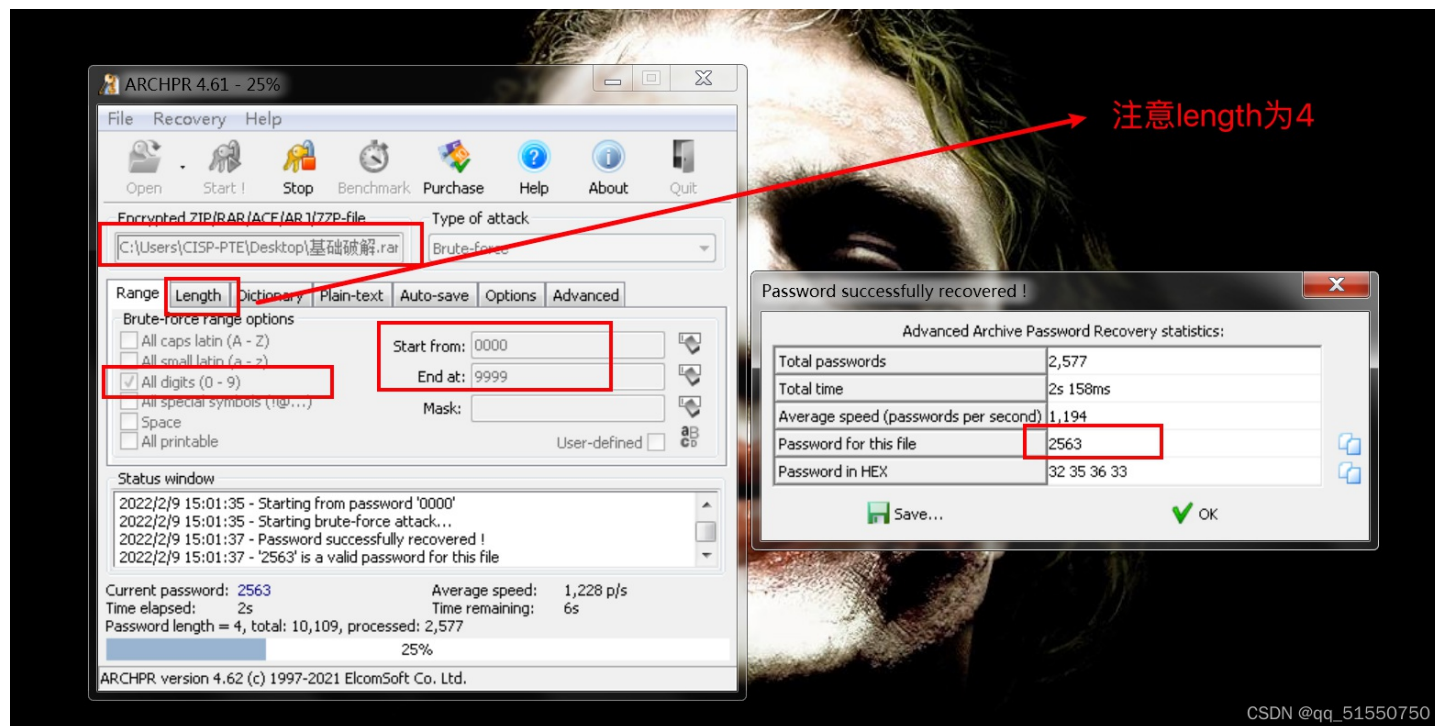
```
(kali@kali)-[~]
└─$ zip2john /home/kali/Desktop/基础破解.rar >> passwd.txt

(kali@kali)-[~]
└─$ john passwd.txt
Using default input encoding: UTF-8
Loaded 2 password hashes with no different salts (PKZIP [32/64])
No password hashes left to crack (see FAQ)

(kali@kali)-[~]
└─$
```

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没办法只能尝试第二种方法：
用ARCHPR破解



得到密码是2563

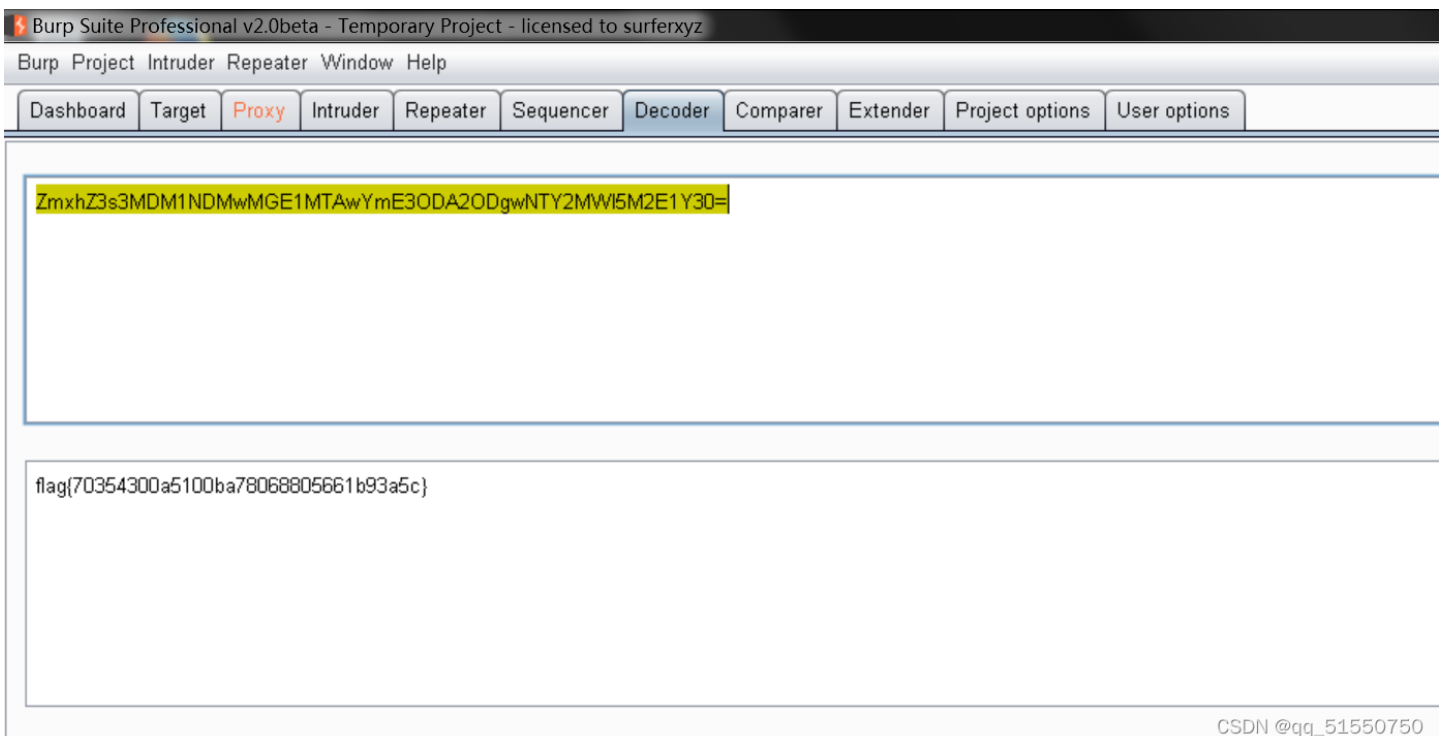
打开flag.txt



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ZmxhZ3s3MDM1NDMwMGE1MTAwYmE3ODA2ODgwNTY2MWI5M2E1Y30=

用base64进行解码:



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最终得到flag:flag{70354300a5100ba78068805661b93a5c}