CTFshow——MISC入门

原创

一aue 于 2021-10-25 21:14:07 发布 160 收藏

文章标签： 其他

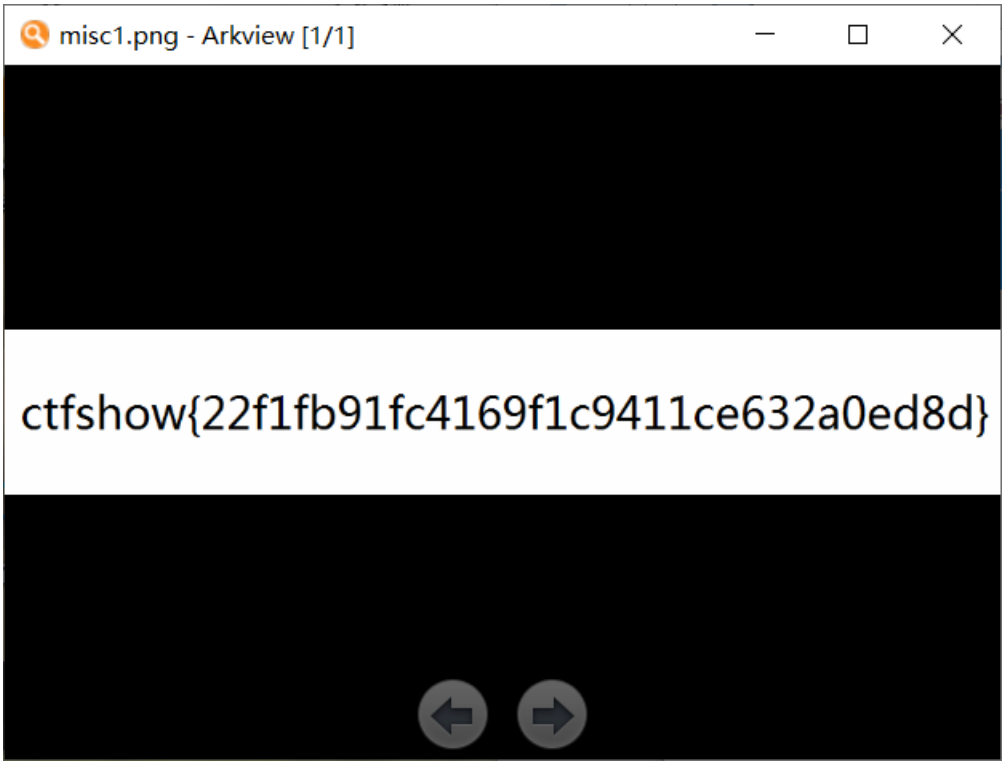
本文链接：https://blog.csdn.net/h_adam/article/details/120959748

MISC入门

- 图片篇(基础操作)
  - misc1
  - misc2
  - misc3
  - misc4
- 图片篇(信息附加)
  - misc5
  - misc6
  - misc7
  - misc8
  - misc9
  - misc10
  - misc11
  - misc12
  - misc13
  - misc14
  - misc15

图片篇(基础操作)

misc1

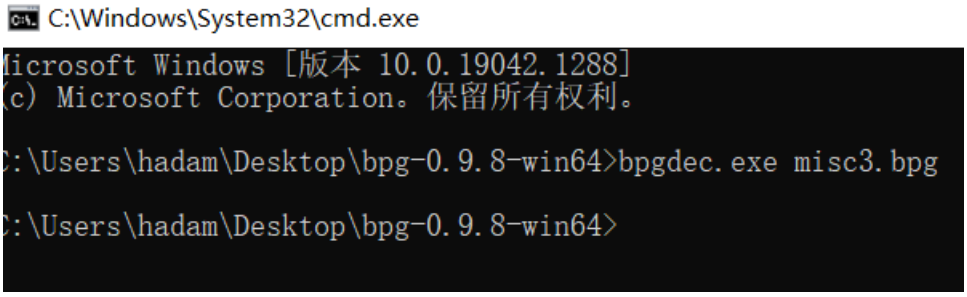


misc2

修改png格式

ctfshow{6f66202f21ad22a2a19520cdd3f69e7b}

misc3



ctfshow{aade771916df7cde3009c0e631f9910d}

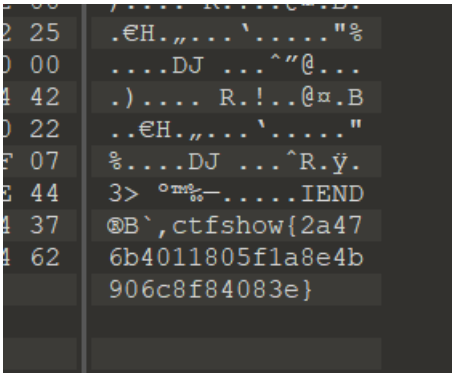
misc4

全修改位png格式，拼装起来

图片篇(信息附加)

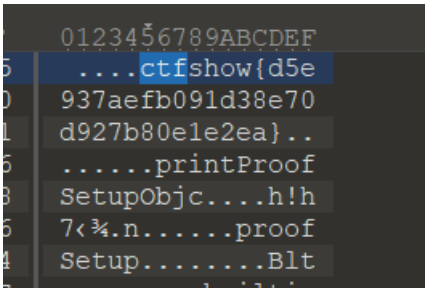
misc5

010查看,文件尾部



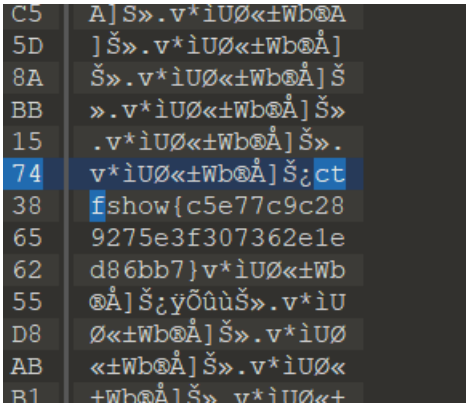
misc6

搜索ctf



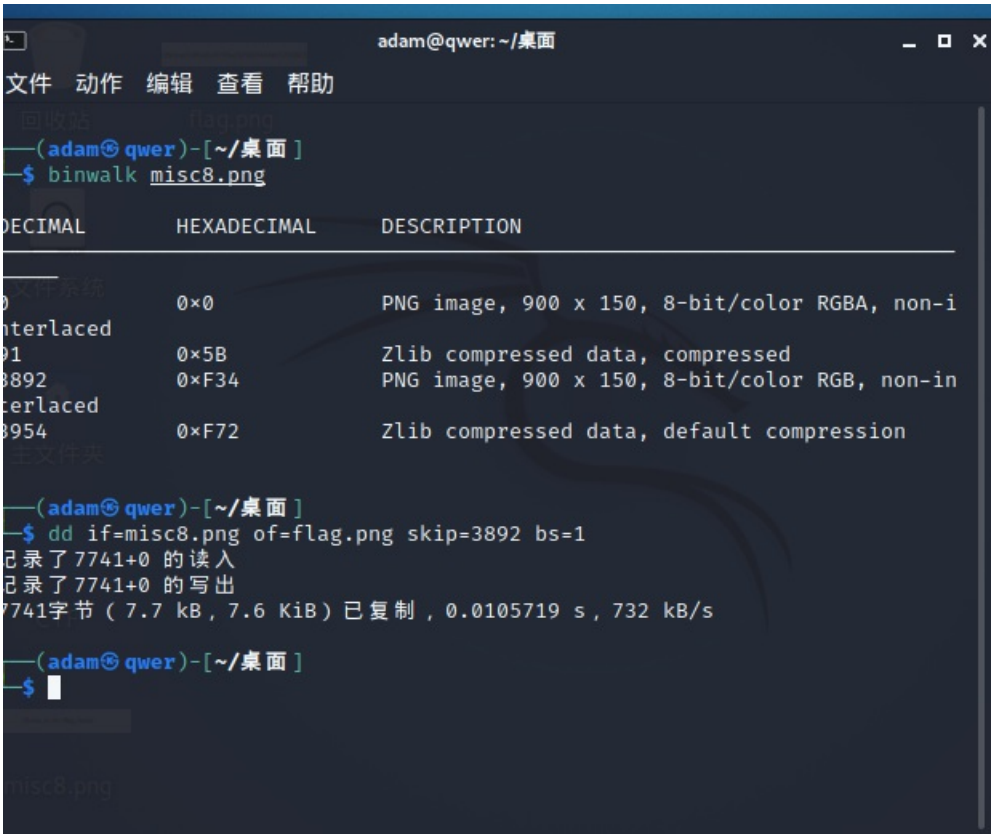
misc7

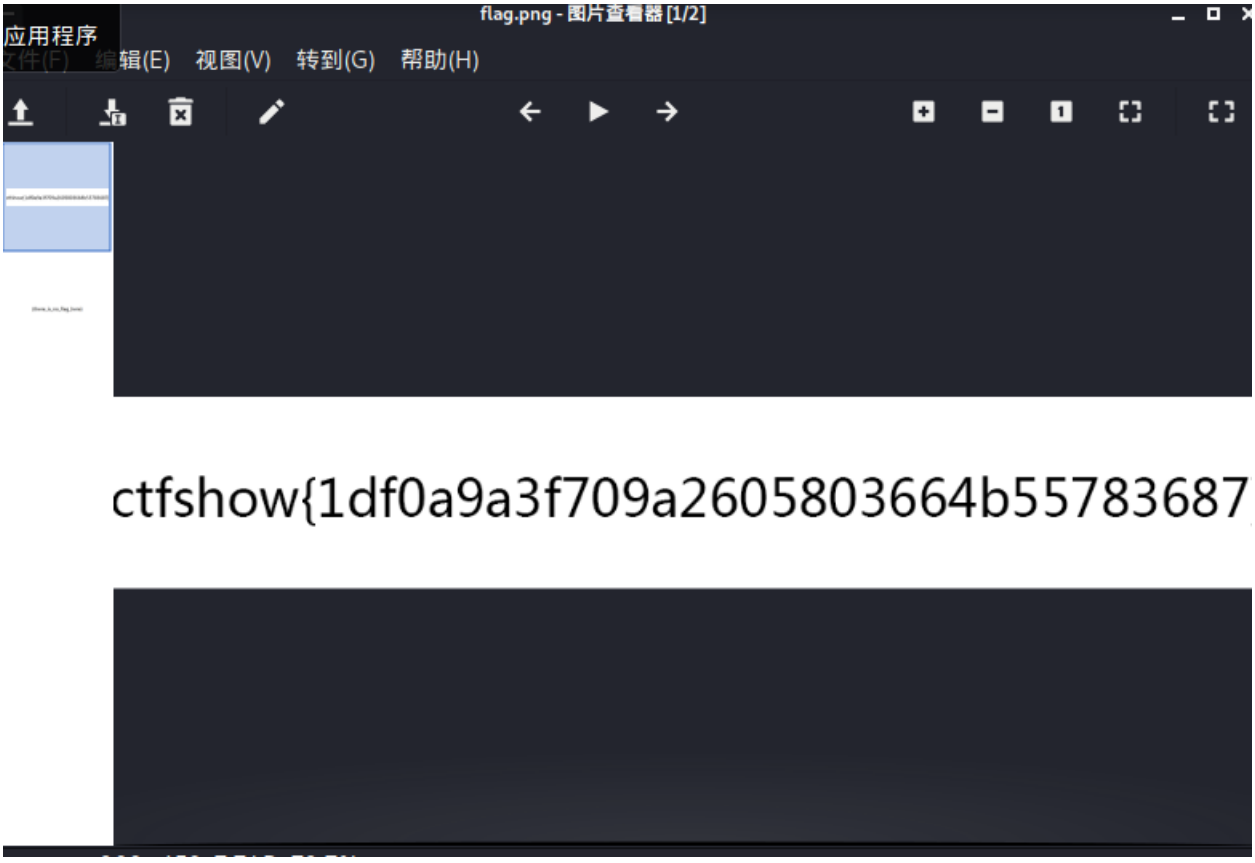
同上



misc8

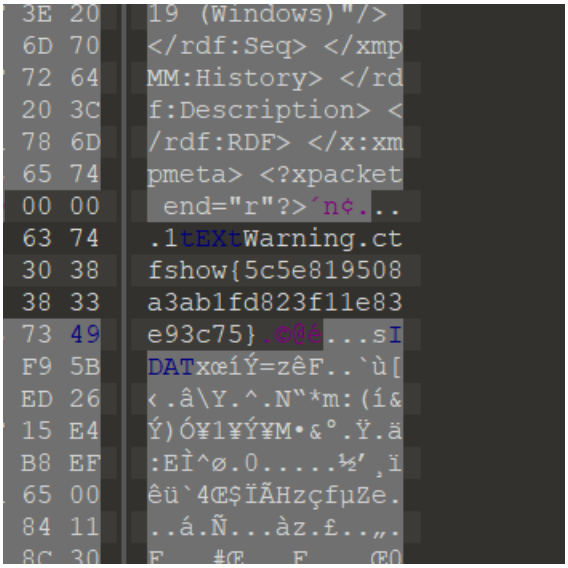
dd命令分离或foremost分离



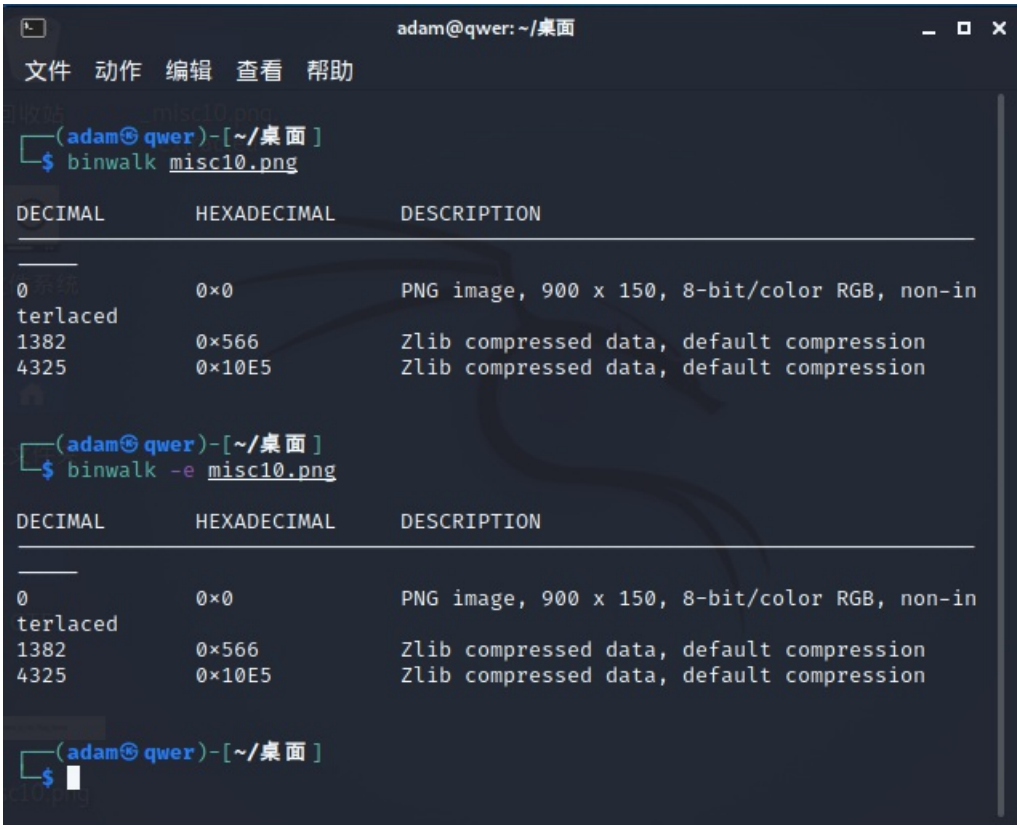


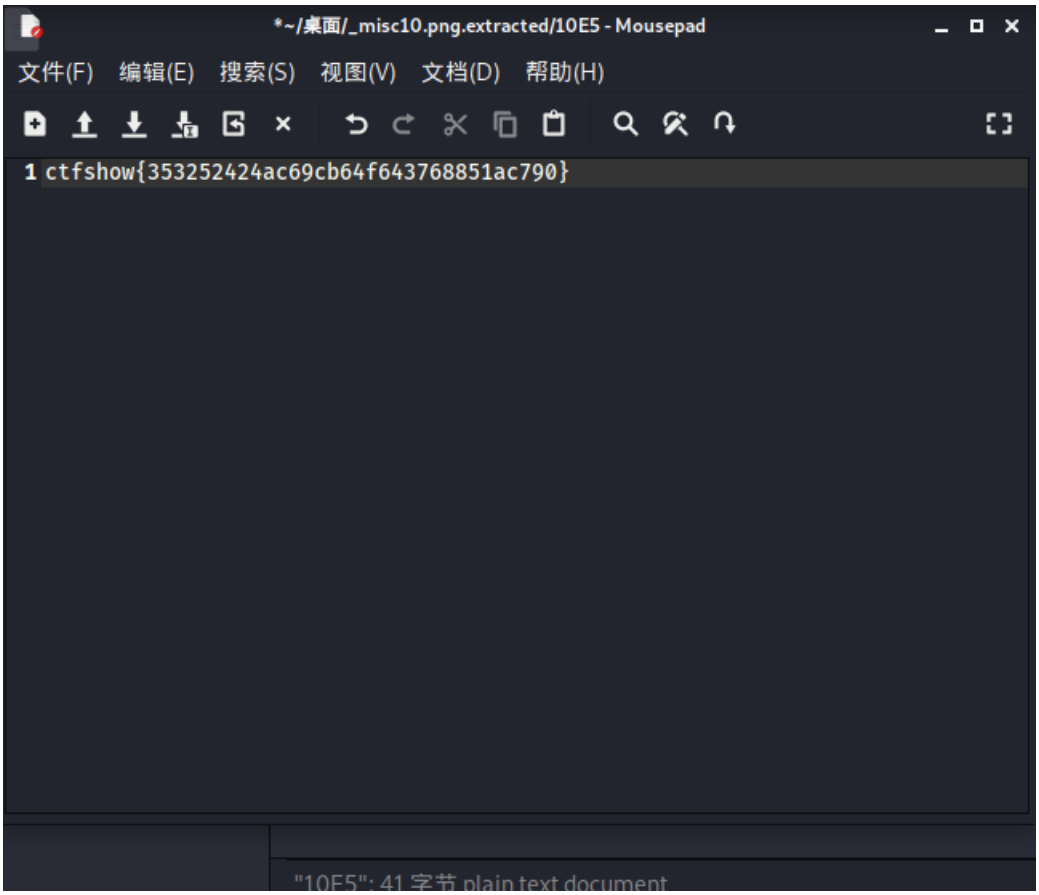
ctfshow{1df0a9a3f709a2605803664b55783687}

misc9


3E 20 19 (Windows)"/>
6D 70 </rdf:Seq> </xmp
72 64 MM:History> </rd
20 3C f:Description> <
78 6D /rdf:RDF> </x:xm
65 74 pmeta> <?xpacket
00 00 end="r"?>´n¢...
63 74 .1tEXtWarning.ct
30 38 fshow{5c5e819508
38 33 a3ab1fd823f11e83
73 49 e93c75}.©@é...sI
F9 5B DATxœíÝ=zêF..`ù[
ED 26 ‹.â\Y.^.N"*m:(í&
15 E4 Ý)Ó¥1¥Ý¥M•&°.Ÿ.ä
B8 EF :EÌ^ø.0.....½′¸ï
65 00 êü`4Œ$ÏÃHzçfµZe.
84 11 ..á.Ñ...àz.£..„.

misc10


adam@qwer: ~/桌面
文件 动作 编辑 查看 帮助
(adam㉿qwer)-[~/桌面]
$ binwalk misc10.png
DECIMAL HEXADECIMAL DESCRIPTION
0 0×0 PNG image, 900 x 150, 8-bit/color RGB, non-in
terlaced
1382 0×566 Zlib compressed data, default compression
4325 0×10E5 Zlib compressed data, default compression
(adam㉿qwer)-[~/桌面]
$ binwalk -e misc10.png
DECIMAL HEXADECIMAL DESCRIPTION
0 0×0 PNG image, 900 x 150, 8-bit/color RGB, non-in
terlaced
1382 0×566 Zlib compressed data, default compression
4325 0×10E5 Zlib compressed data, default compression
(adam㉿qwer)-[~/桌面]
$


*~/桌面/_misc10.png.extracted/10E5 - Mousepad
文件(F) 编辑(E) 搜索(S) 视图(V) 文档(D) 帮助(H)
1 ctfshow{353252424ac69cb64f643768851ac790}
"10E5": 41 字节 plain text document

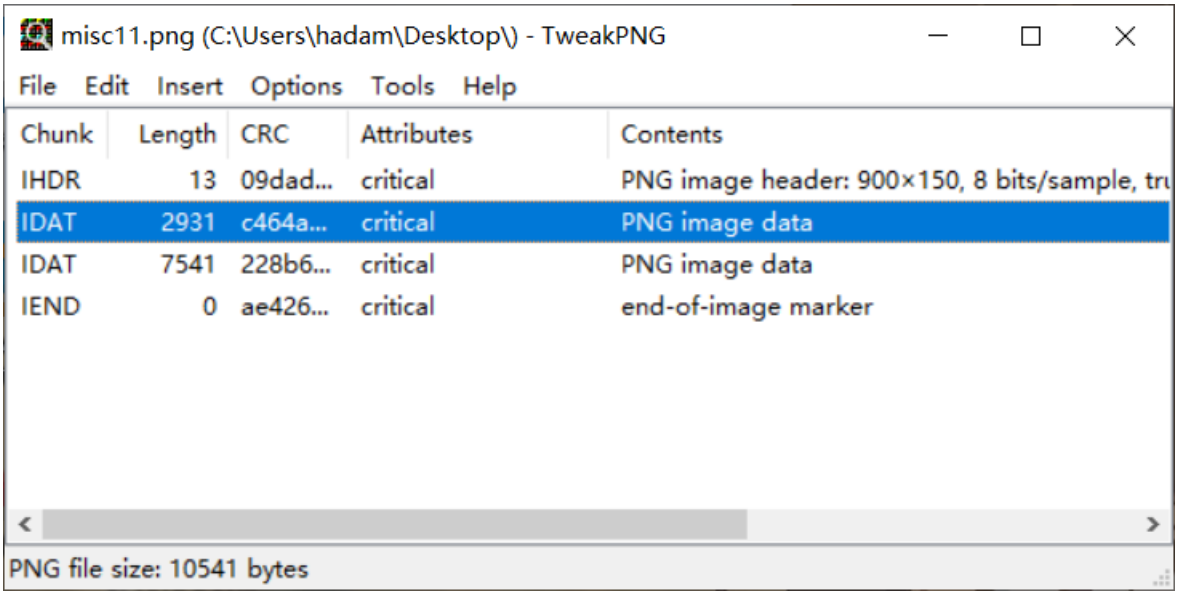
misc11

IDTA删除

binwalk看到的zlib是PNG IDAT块数据可选的压缩格式

binwalk -e 会对我们的zlib进行自动解压

有两个IDAT数据块 用tweakpng将第一个删除得flag



misc12

misc12.png (C:\Users\hadam\Desktop\) - TweakPNG

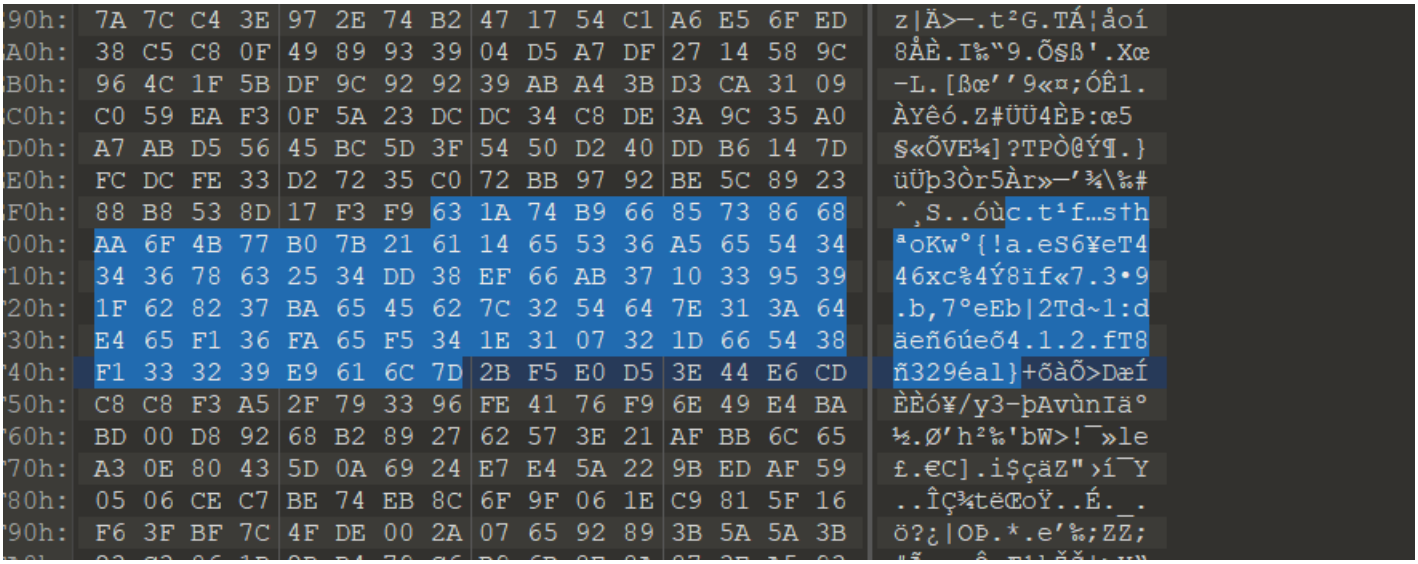
File Edit Insert Options Tools Help

Chunk	Length	CRC	Attributes	Contents
IHDR	13	09dad...	critical	PNG image header: 900×150, 8 bits/sample, truecolor, noninterlaced
IDAT	494	dafe0...	critical	PNG image data
IDAT	435	4acc2...	critical	PNG image data
IDAT	350	b8efa...	critical	PNG image data
IDAT	342	7222b...	critical	PNG image data
IDAT	351	5730d...	critical	PNG image data
IDAT	473	fb638ff8	critical	PNG image data
IDAT	488	4a65b...	critical	PNG image data
IDAT	175	c370c...	critical	PNG image data
IDAT	263	4159a...	critical	PNG image data
IDAT	317	dfda2...	critical	PNG image data
IDAT	243	c1fe2a...	critical	PNG image data
IDAT	395	6d8ee...	critical	PNG image data
IDAT	464	80405...	critical	PNG image data
IDAT	342	979cd...	critical	PNG image data
IDAT	291	9cea0...	critical	PNG image data
IDAT	223	7ce50...	critical	PNG image data
IDAT	209	af3185...	critical	PNG image data
IDAT	318	35e7c...	critical	PNG image data
IDAT	452	1c8e3...	critical	PNG image data
IDAT	397	fb6aca...	critical	PNG image data
IDAT	378	b72c3...	critical	PNG image data
IDAT	448	3902b...	critical	PNG image data
IDAT	265	97c9a...	critical	PNG image data
IDAT	302	484a2...	critical	PNG image data
IDAT	393	8955ef...	critical	PNG image data
IDAT	476	0414e...	critical	PNG image data
IDAT	487	93bae...	critical	PNG image data
IDAT	396	441a8...	critical	PNG image data
IDAT	365	48eb9...	critical	PNG image data
IDAT	269	c146c...	critical	PNG image data
IEND	0	ae426...	critical	end-of-image marker

删除前8个IDAT块

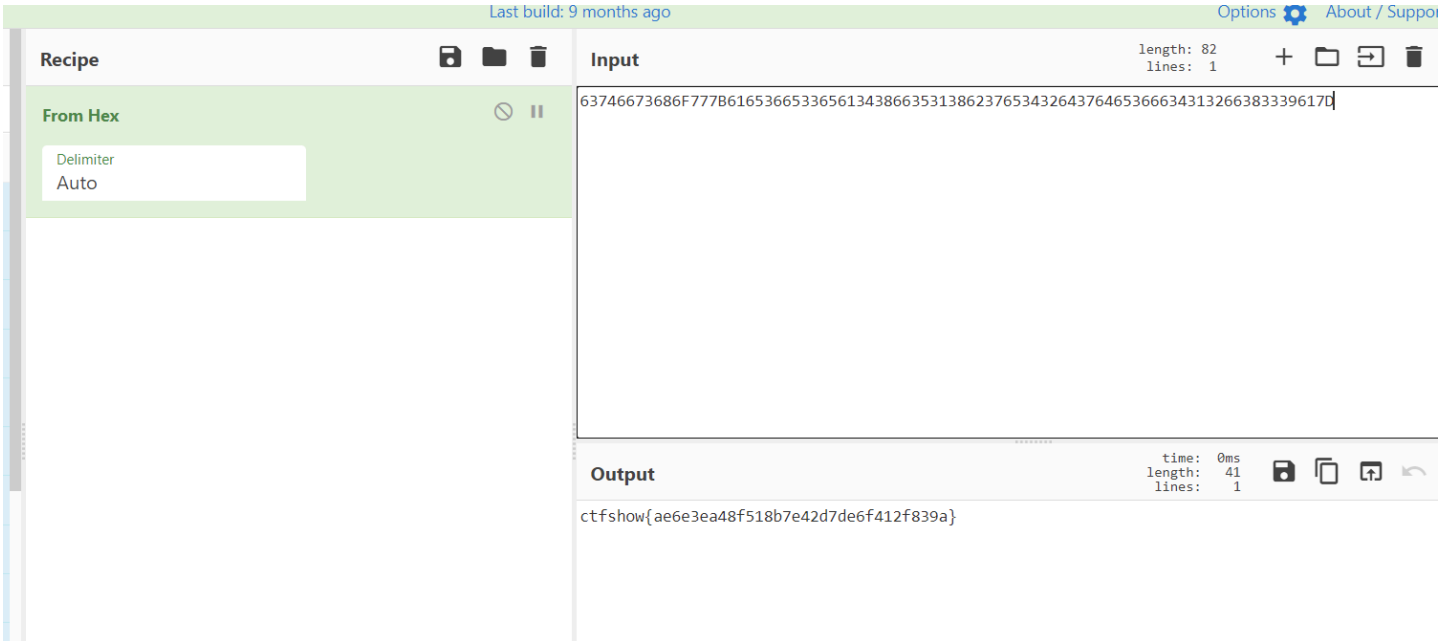
misc13

题目描述为flag在图片末尾



```
90h: 7A 7C C4 3E 97 2E 74 B2 47 17 54 C1 A6 E5 6F ED  z|Ä>—.t²G.TÁ¦åoí
A0h: 38 C5 C8 0F 49 89 93 39 04 D5 A7 DF 27 14 58 9C  8ÅÈ.I‰"9.Õ§ß'.Xœ
B0h: 96 4C 1F 5B DF 9C 92 92 39 AB A4 3B D3 CA 31 09  -L.[ßœ''9«¤;ÓÊ1.
C0h: C0 59 EA F3 0F 5A 23 DC DC 34 C8 DE 3A 9C 35 A0  ÀYêó.Z#ÜÜ4ÈÞ:œ5
D0h: A7 AB D5 56 45 BC 5D 3F 54 50 D2 40 DD B6 14 7D  §«ÕVE¼]?TPÒ@Ý¶.}
E0h: FC DC FE 33 D2 72 35 C0 72 BB 97 92 BE 5C 89 23  üÜþ3Òr5Àr»—'¾\‰#
F0h: 88 B8 53 8D 17 F3 F9 63 1A 74 B9 66 85 73 86 68  ˆ¸S..óùc.t¹f…s†h
00h: AA 6F 4B 77 B0 7B 21 61 14 65 53 36 A5 65 54 34  ªoKw°{!a.eS6¥eT4
10h: 34 36 78 63 25 34 DD 38 EF 66 AB 37 10 33 95 39  46xc%4Ý8ïf«7.3•9
20h: 1F 62 82 37 BA 65 45 62 7C 32 54 64 7E 31 3A 64  .b‚7ºeEb|2Td~1:d
30h: E4 65 F1 36 FA 65 F5 34 1E 31 07 32 1D 66 54 38  äeñ6úeõ4.1.2.fT8
40h: F1 33 32 39 E9 61 6C 7D 2B F5 E0 D5 3E 44 E6 CD  ñ329éal}+õàÕ>DæÍ
50h: C8 C8 F3 A5 2F 79 33 96 FE 41 76 F9 6E 49 E4 BA  ÈÈó¥/y3–þAvùnIä°
60h: BD 00 D8 92 68 B2 89 27 62 57 3E 21 AF BB 6C 65  ½.Ø'h²‰'bW>!¯»le
70h: A3 0E 80 43 5D 0A 69 24 E7 E4 5A 22 9B ED AF 59  £.€C].i$çäZ"›í¯Y
80h: 05 06 CE C7 BE 74 EB 8C 6F 9F 06 1E C9 81 5F 16  ..ÎÇ¾tëŒoŸ..É._.
90h: F6 3F BF 7C 4F DE 00 2A 07 65 92 89 3B 5A 5A 3B  ö?¿|OÞ.*.e'‰;ZZ;
```

```
s="631A74B96685738668AA6F4B77B07B216114655336A56554333465786125340D38EF66AB35103195381F628237BA6545347C3254647E3
73A64E465F136FA66F5341E3107321D665438F1333239E9616C7D"
flag=""
for i in range(0,len(s),4):
    flag += s[i]
    flag += s[i+1]
print(flag)
```



misc14

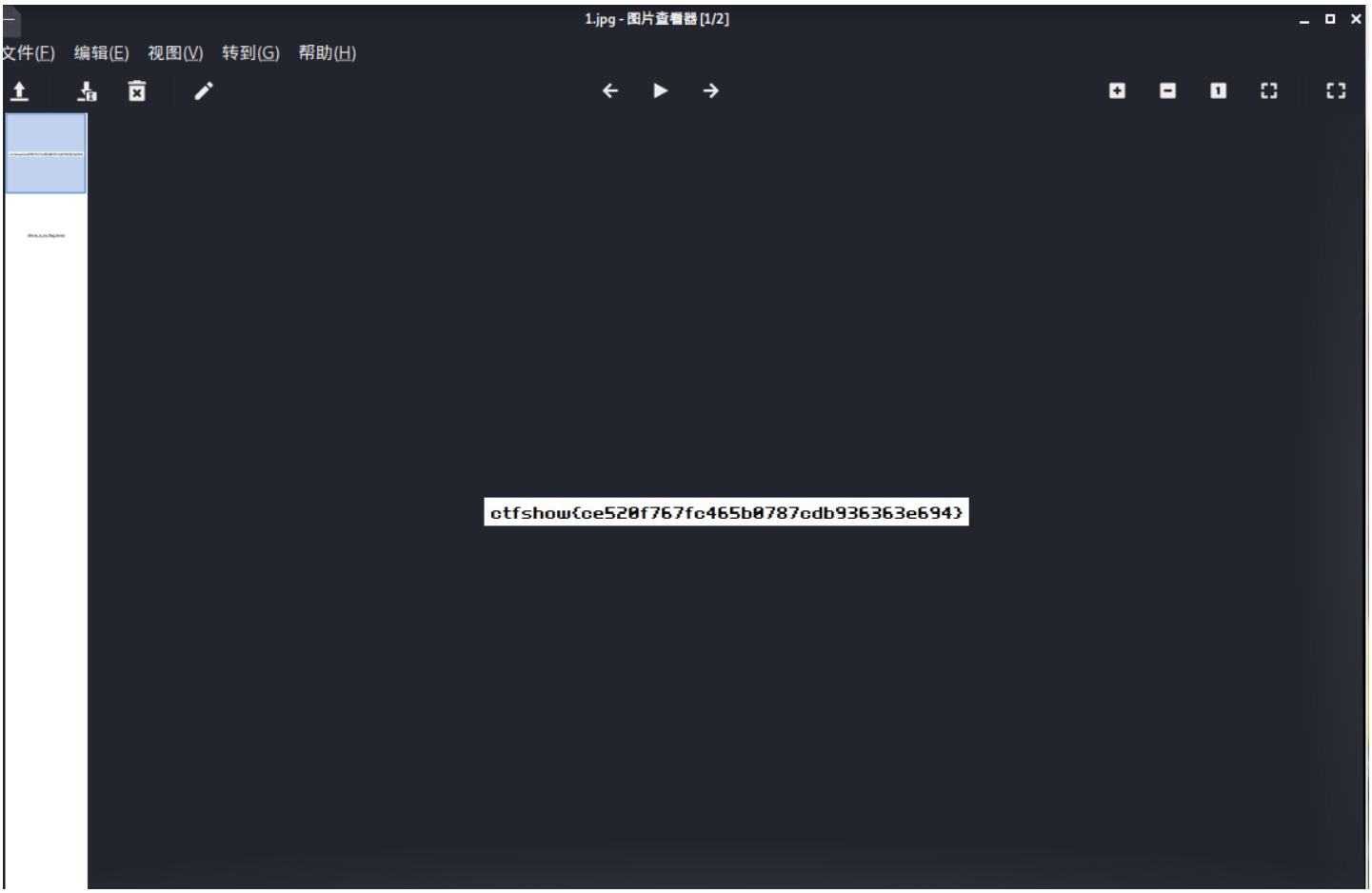
题目描述为在另一张图片
binwalk查看一下，dd命令分离得flag

```
┌──(adam㉿qwer)-[~/桌面]
└─$ binwalk misc14.jpg                                                  3 ×

DECIMAL       HEXADECIMAL     DESCRIPTION
--------------------------------------------------------------------------------
0             0x0             JPEG image data, EXIF standard
12            0xC             TIFF image data, big-endian, offset of first
image directory: 8
1681          0x691           TIFF image data, big-endian, offset of first
image directory: 8
2103          0x837           JPEG image data, JFIF standard 1.01


┌──(adam㉿qwer)-[~/桌面]
└─$ dd if=misc14.jpg of=1.jpg skip=2103 bs=1
记录了26231+0 的读入
记录了26231+0 的写出
26231字节（26 kB，26 KiB）已复制，0.0345235 s，760 kB/s

┌──(adam㉿qwer)-[~/桌面]
└─$
```



misc15

题目描述flag被跳过去