

# 蓝帽杯2021初赛 writeup+赛后复现 (misc123+pwn2+web1)

原创

是Mumuzi  于 2021-04-30 14:33:50 发布  3118  收藏 16

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订阅专栏

蓝帽越来越离谱

争分夺秒, 101分排到前70

Ball\_signin + slient + 冬奥会\_is\_coming + 复现I\_will\_but\_not\_quite + 根据T佬复现嫌疑人x的硬盘整理



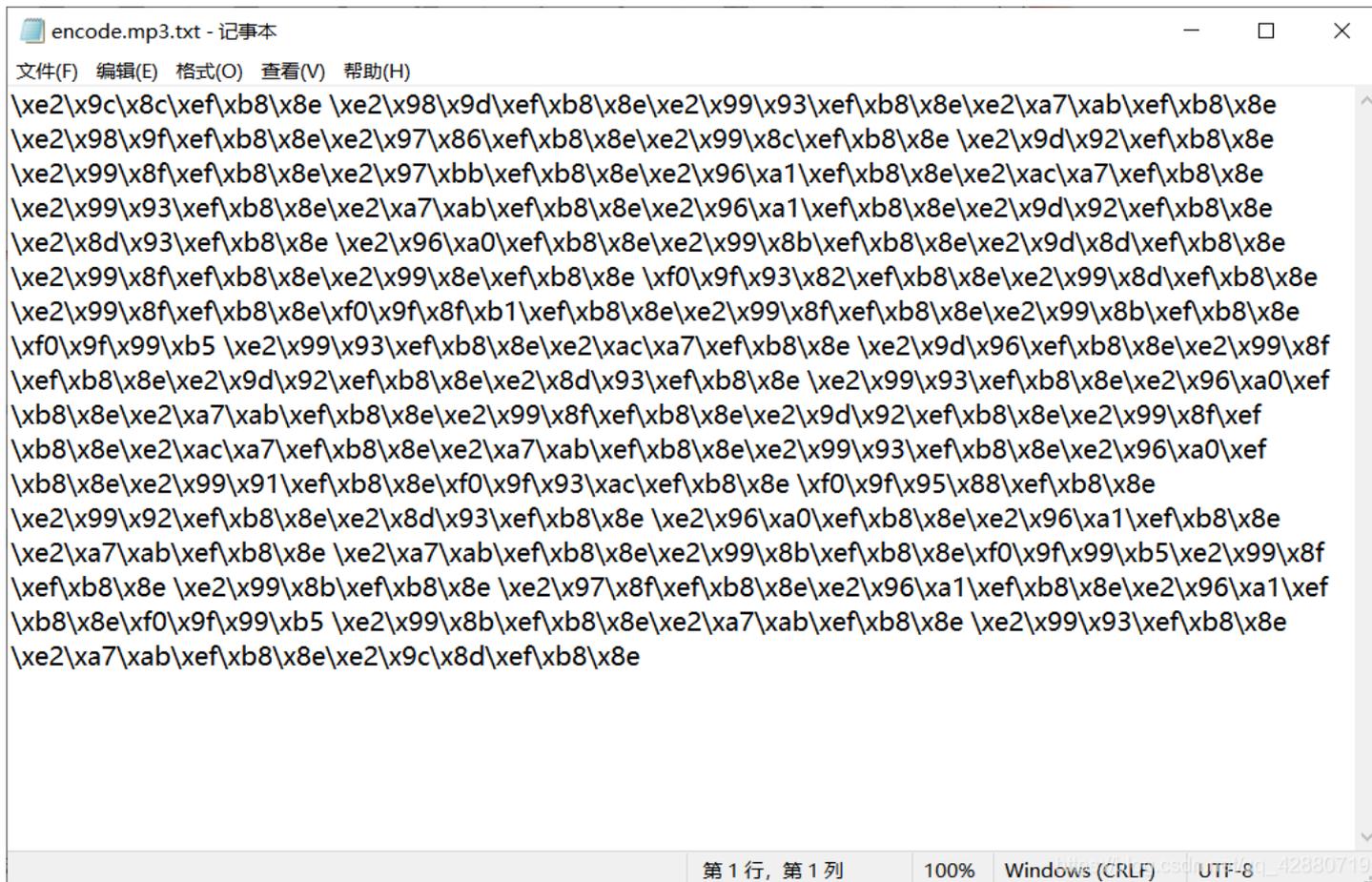
05582832	91 A3 F0 9F 91 89 E2 84 B9 F0 9F 94 AA F0 9F 8D	'εδ '!â!δ  δδ
05582848	8E F0 9F 94 84 F0 9F 91 A3 F0 9F 9A AA F0 9F 98	δ  δ 'εδ  δδ
05582864	81 F0 9F 91 A3 F0 9F 92 B5 F0 9F 90 85 F0 9F 8D	δ 'εδ 'μδ   δ
05582880	B5 F0 9F 94 AC F0 9F 9B A9 F0 9F 98 87 F0 9F 96	μδ  -δ  @δ  δ
05582896	90 F0 9F 96 90 F0 9F 8E 85 E2 9C 85 F0 9F 8F 8E	δ   δ  â  δ
05582912	F0 9F 91 8C F0 9F 9A A8 F0 9F 98 86 F0 9F 8E A4	δ '!δ  "δ  δ  *
05582928	F0 9F 8E 85 F0 9F A6 93 F0 9F 8C BF F0 9F A6 93	δ  δ ! δ  δδ !
05582944	F0 9F 99 83 E2 9C 96 F0 9F 8D 8C F0 9F 9B A9 F0	δ  â  δ   δ  @δ
05582960	9F 98 82 F0 9F 91 91 F0 9F 8C 8F E2 98 83 F0 9F	δ 'δ   â  δ
05582976	98 87 F0 9F 98 8D F0 9F 9B A9 F0 9F 9A B9 F0 9F	δ   δ  @δ  'δ
05582992	98 80 F0 9F 8D 8C F0 9F 8E 88 F0 9F 92 A7 F0 9F	δ   δ  δ 'δ
05583008	97 92 F0 9F 97 92	'δ  '

[https://blog.csdn.net/qq\\_42880719](https://blog.csdn.net/qq_42880719)

文件尾发现密文，将其16进制导出后转hex <http://stool.chinaz.com/hex>



然后使用emoji-aes <https://aghorler.github.io/emoji-aes/> 生成一个flag{}，发现与密文前几位相同，锁定emoji-aes，寻找秘钥有mp3并且提示八位数字，猜测与本次主题有关，尝试歌曲的发布时间和冬奥会开始时间，发现20220204这个数字拿去mp3stego能解出来



将x替换为空，再去刚刚hex

Unicode编码    UTF-8编码    URL编码/解码    Unix时间戳    Ascii/Native编码互转    **Hex编码/解码**

Wingdings symbols

bugku做过，wingdings(闹酒狂欢)  
使用<https://lingoiam.com/WingdingsTranslator>

# Wingdings Translator

Convert regular English text to copy and pasteable Wingdings text.

A GitHub repository named **1cePeak** is very interesting. Why not take a look at it?

Wingdings symbols

[https://blog.csdn.net/qq\\_42880719](https://blog.csdn.net/qq_42880719)

最后找到了这个<https://github.com/Tr0jAnV1rU4/1cePeak/blob/main/A/post-checkout>  
下载下来记事本打开

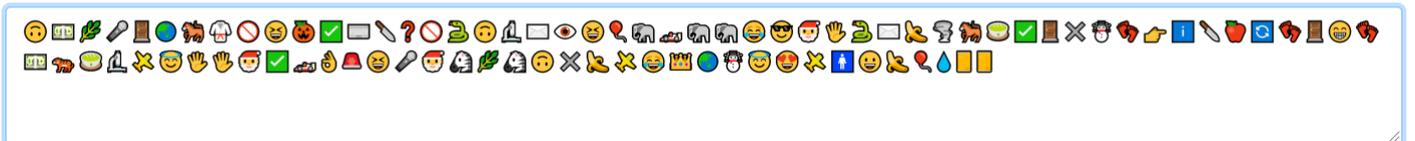
```
post-checkout-1 - 记事本  
文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)  
#!/bin/sh  
echo How_6ad_c0uld_a_1cePeak_be? >&2
```

## Decrypt

To decrypt, select the agreed rotation (if custom), enter the emoji-aes string, and then the pre-shared encryption key.

Advanced

Message



Key

.....

Decrypt

flag{e32f619b-dbcd-49bd-9126-5d841aa01767}

(复现) 4.l\_will\_but\_not\_quite

vmem, 明显内存取证题, 还给了个加密python就离谱啊

先进行常规操作

先查profile

```
mumuzi@kali:~/桌面$ volatility -f mem.vmem imageinfo
Volatility Foundation Volatility Framework 2.6
INFO : volatility.debug : Determining profile based on KDBG search.
..
Suggested Profile(s) Win7SP1x64, Win7SP0x64, Win2008R2SP0x64,
Win2008R2SP1x64_24000, Win2008R2SP1x64_23418, Win2008R2SP1x64, Win7SP1x64_
4_24000, Win7SP1x64_23418
```

然后查一下进程

```
mumuzi@kali:~/桌面$ volatility -f mem.vmem --profile=Win7SP1x64 pslist
Volatility Foundation Volatility Framework 2.6
Offset(V) Name PID PPID Thds Hnds Sess Wow64 Start Exit
0xfffffa8000cbfb30 System 4 0 84 515 0 0 2021-03-29 09:44:08 UTC+0000
0xfffffa80012734f0 smss.exe 256 4 2 29 0 0 2021-03-29 09:44:08 UTC+0000
0xfffffa8001e1c3d0 csrss.exe 332 324 9 416 0 0 2021-03-29 09:44:15 UTC+0000
0xfffffa80019e5b30 csrss.exe 384 376 11 310 1 0 2021-03-29 09:44:16 UTC+0000
0xfffffa8001ef3920 wininit.exe 392 324 3 77 0 0 2021-03-29 09:44:16 UTC+0000
0xfffffa8001e9e910 winlogon.exe 424 376 3 113 1 0 2021-03-29 09:44:16 UTC+0000
0xfffffa8001efeb30 services.exe 488 392 7 194 0 0 2021-03-29 09:44:17 UTC+0000
0xfffffa8001f35330 lsass.exe 496 392 7 592 0 0 2021-03-29 09:44:18 UTC+0000
0xfffffa8001f42b30 lsm.exe 508 392 10 141 0 0 2021-03-29 09:44:18 UTC+0000
0xfffffa80022bf6f0 svchost.exe 600 488 11 347 0 0 2021-03-29 09:44:23 UTC+0000
0xfffffa80022ddb30 svchost.exe 672 488 8 275 0 0 2021-03-29 09:44:24 UTC+0000
0xfffffa800231a700 svchost.exe 764 488 20 459 0 0 2021-03-29 09:44:24 UTC+0000
0xfffffa8002328210 svchost.exe 800 488 16 368 0 0 2021-03-29 09:44:25 UTC+0000
0xfffffa8002357660 svchost.exe 824 488 33 948 0 0 2021-03-29 09:44:25 UTC+0000
0xfffffa800237fb30 svchost.exe 992 488 10 520 0 0 2021-03-29 09:44:26 UTC+0000
0xfffffa80023da390 svchost.exe 344 488 15 483 0 0 2021-03-29 09:44:27 UTC+0000
0xfffffa80024197d0 spoolsv.exe 1032 488 12 315 0 0 2021-03-29 09:44:29 UTC+0000
0xfffffa800242cb30 svchost.exe 1072 488 19 307 0 0 2021-03-29 09:44:29 UTC+0000
0xfffffa800228ab30 vmtoolsd.exe 1244 488 9 281 0 0 2021-03-29 09:44:31 UTC+0000
0xfffffa8002601b30 taskhost.exe 1508 488 9 206 1 0 2021-03-29 09:44:35 UTC+0000
0xfffffa8002610b30 dwm.exe 1724 800 3 68 1 0 2021-03-29 09:44:36 UTC+0000
0xfffffa800101bb30 TPAutoConnSvc. 1760 488 10 140 0 0 2021-03-29 09:44:36 UTC+0000
0xfffffa8002674b30 explorer.exe 1792 1636 44 879 1 0 2021-03-29 09:44:37 UTC+0000
0xfffffa80025c5b30 dlhhost.exe 2024 488 13 186 0 0 2021-03-29 09:44:38 UTC+0000
0xfffffa8002526b30 TPAutoConnect. 1356 1760 5 118 1 0 2021-03-29 09:44:39 UTC+0000
0xfffffa8002713060 conhost.exe 1428 384 1 32 1 0 2021-03-29 09:44:39 UTC+0000
0xfffffa8002537b30 msdtc.exe 1744 488 12 144 0 0 2021-03-29 09:44:40 UTC+0000
0xfffffa8002840b30 vmtoolsd.exe 2160 1792 7 297 1 0 2021-03-29 09:44:45 UTC+0000
0xfffffa80028a6b30 SearchIndexer. 2416 488 11 656 0 0 2021-03-29 09:44:53 UTC+0000
0xfffffa80028c1b30 jusched.exe 2496 2200 6 377 1 1 2021-03-29 09:44:55 UTC+0000
0xfffffa80029d6680 svchost.exe 2748 488 7 110 0 0 2021-03-29 09:45:05 UTC+0000
0xfffffa80023ef990 svchost.exe 860 488 13 333 0 0 2021-03-29 09:46:36 UTC+0000
0xfffffa80019dfb30 WmiPrvSE.exe 1440 600 7 109 0 0 2021-03-29 09:48:34 UTC+0000
0xfffffa8002749b30 jucheck.exe 2960 2496 7 368 1 1 2021-03-29 09:50:24 UTC+0000
0xfffffa8001e38b30 javaws.exe 400 2960 0 0 1 0 2021-03-29 09:50:24 UTC+0000 2021-03-29 09:50:24 UTC+0000
0xfffffa8001d0d200 jp2launcher.ex 1932 4000 27 439 1 0 2021-03-29 09:50:24 UTC+0000
0xfffffa8001fc9060 taskeng.exe 3044 824 4 83 1 0 2021-03-30 07:52:37 UTC+0000
0xfffffa800282eb30 SearchProtocol 2020 2416 8 321 0 0 2021-03-30 07:55:59 UTC+0000
0xfffffa8001fb2b0 SearchFilterHo 3024 2416 5 98 0 0 2021-03-30 07:55:59 UTC+0000
0xfffffa8001fbb990 WinRAR.exe 1696 1792 18 564 1 0 2021-03-30 07:56:21 UTC+0000 https://blog.csdn.net/qq_42880719
```

可以发现最后使用的是winrar, 猜测进行了压缩, |grep rar和zip试试

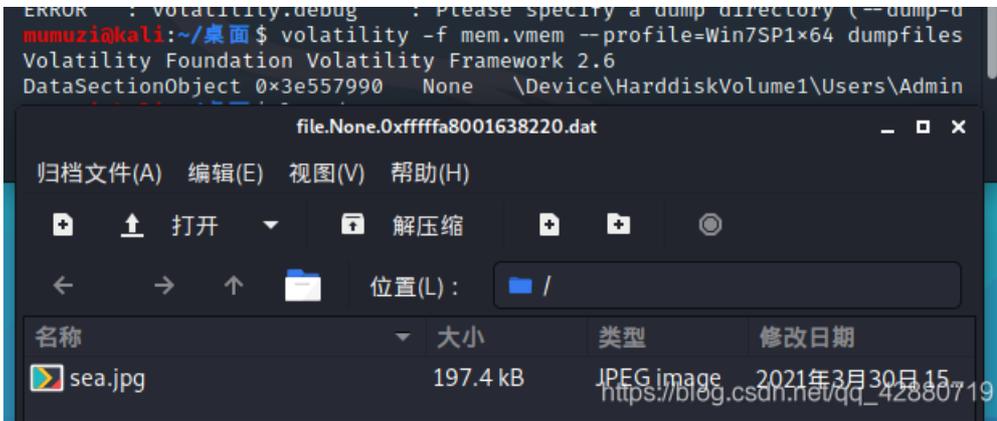
```
Volatility Foundation Volatility Framework 2.6
mumuzi@kali:~/桌面$ volatility -f mem.vmem --profile=Win7SP1x64 filescan |grep zip
Volatility Foundation Volatility Framework 2.6
0x000000003e23ab50 16 0 RW-rw- \Device\HarddiskVolume1\Users\Administrator\AppData\Roaming\Microsoft\Windows\Recent\sea.zip.lnk
0x000000003e557990 2 0 RW-rw- \Device\HarddiskVolume1\Users\Administrator\Desktop\sea.zip
0x000000003e63a110 1 0 R-Dr-d \Device\HarddiskVolume1$\Recycle.Bin\S-1-5-21-3891451472-281351741-2593777832-500\IN5QJ1.zip
0x000000003e8ab810 2 0 -W- \Device\HarddiskVolume1$\Recycle.Bin\S-1-5-21-3891451472-281351741-2593777832-500\IU8BK03.zip
0x000000003eacea20 16 0 -W-rw- \Device\HarddiskVolume1\Program Files\WinRAR\zipnew.dat
0x000000003ecf1f20 15 0 R-r-d \Device\HarddiskVolume1\Windows\System32\zipfldr.dll
0x000000003ed15070 2 0 RW-rw- \Device\HarddiskVolume1\Users\Administrator\Desktop\倒影.zip
0x000000003ed3b070 10 0 R-r-d \Device\HarddiskVolume1\Program Files\Java\jre1.8.0_271\bin\zip.dll
mumuzi@kali:~/桌面$ volatility -f mem.vmem --profile=Win7SP1x64 filescan |grep rar
Volatility Foundation Volatility Framework 2.6
0x000000003e23ef20 2 0 R-rwd \Device\HarddiskVolume1\Users\Administrator\AppData\Roaming\Microsoft\Windows\Libraries\Music.library-ms
0x000000003e260d10 2 0 R-rwd \Device\HarddiskVolume1\Users\Administrator\AppData\Roaming\Microsoft\Windows\Libraries\Pictures.library-ms
0x000000003e262c80 2 1 R-rwd \Device\HarddiskVolume1\Users\Administrator\AppData\Roaming\Microsoft\Windows\Libraries
0x000000003e2645f0 2 1 R-rwd \Device\HarddiskVolume1\Users\Administrator\AppData\Roaming\Microsoft\Windows\Libraries
0x000000003e3ac370 16 1 RW-rw- \Device\HarddiskVolume1\Users\Administrator\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\index.dat
0x000000003e409070 16 0 RW-rw- \Device\HarddiskVolume1\Windows\System32\config\systemprofile\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\index.dat
0x000000003e47f4c0 1 1 RW-rw- \Device\HarddiskVolume1\Users\Administrator\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\index.dat
0x000000003e5d6580 2 0 -W-rwd \Device\HarddiskVolume1\Users\Administrator\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\RMTCDL9\hm[1].js
0x000000003e70d330 1 0 R-rwd \Device\HarddiskVolume1\Users\Public\Libraries\desktop.ini
0x000000003e751640 2 0 R-r-d \Device\HarddiskVolume1\Windows\System32\Tasks\Microsoft\Windows\Windows Media Sharing\UpdateLibrary
0x000000003e7dbb70 16 0 -W- \Device\HarddiskVolume1\Users\Administrator\AppData\Roaming\Microsoft\Windows\Cookies\administrator@ad.winrar.com[1].txt
0x000000003e7ec6c0 16 0 -W-rw- \Device\HarddiskVolume1\Program Files\WinRAR\rarnew.dat
0x000000003eae15c0 16 0 RW-rw- \Device\HarddiskVolume1\Windows\ServiceProfiles\LocalService\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\index.dat
```

```

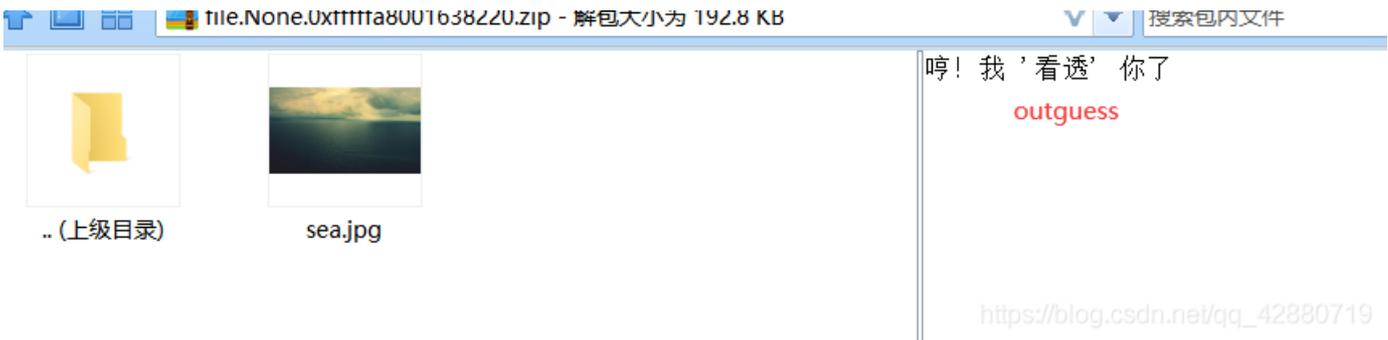
0x000000003ecf1b30 16 0 RW--- \Device\HarddiskVolume1\Users\Administrator\Desktop\winrar571scp.exe
0x000000003ed0dda0 1 1 RW-rw- \Device\HarddiskVolume1\Users\Administrator\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\index.dat
0x000000003ed37e50 2 0 -W-rwd \Device\HarddiskVolume1\Users\Administrator\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\536T1YP0\json2.m
n[1].js
0x000000003eda0860 1 1 RW-rw- \Device\HarddiskVolume1\Users\Administrator\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\index.dat
0x000000003f4389c0 1 1 RW-rw- \Device\HarddiskVolume1\Users\Administrator\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\index.dat
0x000000003f45f070 2 0 R-rwd \Device\HarddiskVolume1\Users\Administrator\AppData\Roaming\Microsoft\Windows\Libraries\Documents.library-ms
0x000000003f463b50 1 1 RW-rw- \Device\HarddiskVolume1\Users\Administrator\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\index.dat
0x000000003f4a2ea0 2 0 -W-rwd \Device\HarddiskVolume1\Users\Administrator\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\536T1YP0\swfobjec
t.min[1].js
0x000000003f87ba20 1 0 R-rwd \Device\HarddiskVolume1\Users\Administrator\AppData\Roaming\Microsoft\Windows\Libraries\Videos.library-ms
0x000000003fa6b5f0 2 0 R-rwd \Device\HarddiskVolume1\Users\Administrator\AppData\Roaming\Microsoft\Windows\Libraries\desktop.ini
0x000000003fd6f3f0 16 0 RW-rw- \Device\HarddiskVolume1\Users\Administrator\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.IE5\536T1YP0\swfobjec
t.min[1].js
mumuzi@kali: ~/桌面 $

```

这两名字奇怪还出现在桌面上，必须得dump出来看看，(另一个没用



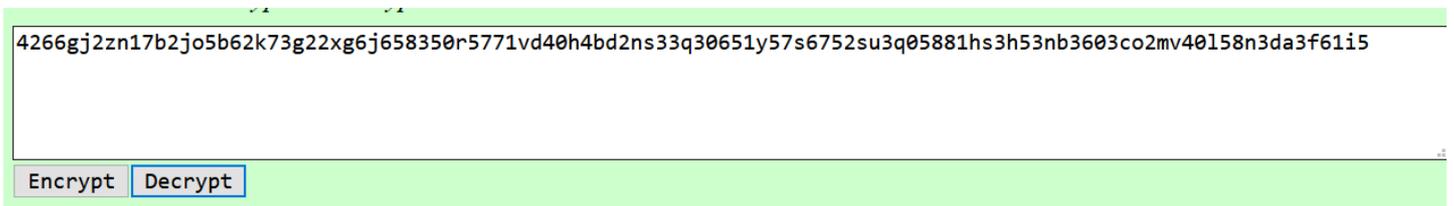
kali其实看不到注释，这里当时是师兄dump出来然后发qq，windows看到了注释



密码猜测成功弱密码123456



然后这里盲区其实没碰到过，是双□六进制编码<https://www.calresult.com/misc/cyphers/twin-hex.html>



This text took approx. 0 milliseconds to process.

### Output Area:

Vnw3HC07BDgbBWNRGTx2fSckf399V1Z9CxIvHVd6fHsaEnR8fX40NyQ7JhM8CWW5fgMNN24=

[https://blog.csdn.net/qq\\_42880719](https://blog.csdn.net/qq_42880719)

Vnw3HC07BDgbBWNRGTx2fSckf399V1Z9CxlVHVd6fHsaEnR8fX40NyQ7JhM8CWW5fgMNN24=

然后看那个加密函数

```
#!/user/bin/python2
import random
def r(s, num):
    l=""
    for i in s:
        if(ord(i) in range(97,97+26)):
            l+=chr((ord(i)-97+num)%26+97)
        else:
            l+=i
    return l

def x(a, b):
    return chr(ord(a)^ord(b))

def encrypt(c):
    secret = c
    n=random.randint(1,1000)
    for i in range(n):
        secret = r(secret, random.randint(1,26))
    secret = secret.encode('base64')

    l = ""
    for i in range(len(secret)):
        l += x(secret[i], secret[(i+1)%len(secret)])
    return l.encode('base64')

flag = "#####"
print "secret =", encrypt(flag)

#secret = The key you got
```

encrypt相当于主函数，是随机一个n然后进入r凯撒加密，加密之后将其base64编码，然后对编码后的字符串每两位进行异或，最后得到的值再base64编码就得到了刚刚解出来的函数。

其中，虽然r里面获取了随机数n，还有对小写字母+num，但是由于是一起增加，所以最后只需要将0-26全部遍历一遍即可，所以暂时可忽略掉此等会再来写

问题出在x(secret[i], secret[(i+1)%len(secret)])

这里因为将最后一位也与第一位异或了，所以不能倒过来异或回去(因为极大可能会损失高位数据，事实也证明的确如此)

那么现在只需要得到第一次加密的base串，那串base解密用try-except,并循环1,26即可。但是如何得到那串base?

其实可以知道，虽然我之前说过了，因为每一位都进行了异或，所以不能逆回去，但是可以爆破啊。其实这里先将那串base解码之后看第一位和最后一位，一个110一个86，很容易将范围缩小，暂且尝试遍历(86,128)，这样我们就相当于得到了最后一位的ascii码十进制值，再逆回去的时候，当长度达到我们解出来的base64串时，停止，并try base64.b64decode(s).decode("utf-8)，如果能解码，则再执行r函数(或者上bugku去凯撒解密遍历，即可找到flag。

写脚本：

```
import base64
import random
secret = "Vnw3HC07BDgbBWNRGTx2fSckf399V1Z9CxIvHVd6fHsaEnR8FX40NyQ7JhM8CWV5fgMNN24="
dec = base64.b64decode(secret).decode("utf-8")
# for i in range(len(dec)):
#     print(ord(dec[i]))
def r(s, num): #凯撒
    l=""
    for i in s:
        if(ord(i) in range(97,97+26)):
            l+=chr((ord(i)-97+num)%26+97)
        else:
            l+=i
    return l

for i in range(86,128):
    j = 1
    tmp = [""]*len(dec)
    tmp[-1] = chr(i)#爆破恢复最后一位，即可恢复所有
    while j != len(dec):
        tmp[-j-1] = chr(ord(dec[-j])^ord(tmp[-j])) #反着进行异或
        j += 1
    s = tmp[-1] #因为最后一位是最后一位和第一位异或，所以刚开始异或的其实是最后一位
    for i in range(len(tmp)-1):
        s += tmp[i]#这里即是第2位至最后一位拼接起来加在第一位后面
    try:
        s = base64.b64decode(s).decode("utf-8")
        for i in range(1,26):#遍历凯撒
            flag = r(s,i)
            print(flag)
    except:
        pass
```

```
for i in range(86,11

Run: Decrypt ×
bhw{0946x1y23z7ba85wbw951a7x2640zy83}
cixd{0946y1z23a7cb85xcx951b7y2640az83}
djye{0946z1a23b7dc85ydy951c7z2640ba83}
ekzf{0946a1b23c7ed85zez951d7a2640cb83}
flag{0946b1c23d7fe85afa951e7b2640dc83}
gmbh{0946c1d23e7gf85bg951f7c2640ed83}
hnci{0946d1e23f7hg85chc951g7d2640fe83}
iodj{0946e1f23g7ih85did951h7e2640gf83}
jpek{0946f1g23h7ji85eje951i7f2640hg83}
kqfl{0946g1h23i7kj85fkf951j7g2640ih83}

Run | TODO | Problems | Terminal | Python Console
PyCharm 2020.3.5 available // Update... (54 minutes ago) https://blog.csdn.net/qq\_42880719
```

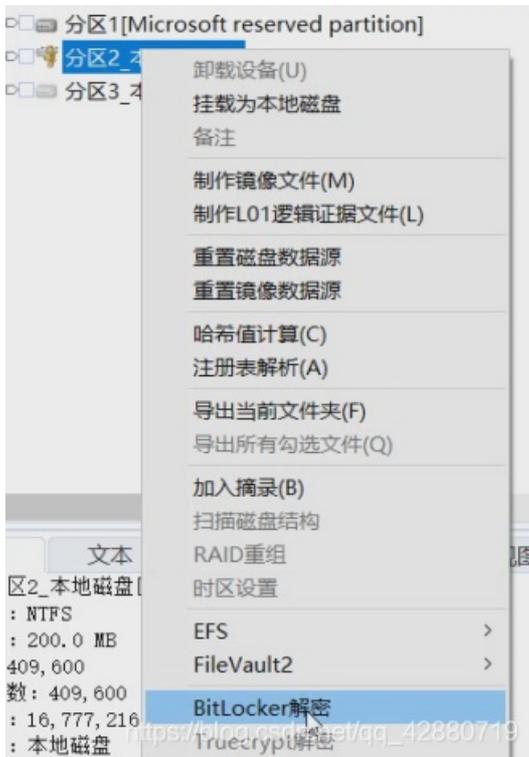
### 5.嫌疑人x的硬盘整理

不会，稍微写一点再引一点最后T佬解出来的解题过程

将x.vmdk放进取证大师，提示需要bitlocker，取证完后查看取证结果



然后右击c盘，点击bitlocker解密



BitLocker解密 ×

解密方式

密码     恢复密钥串     启动密钥文件     内存密钥文件     清除密钥

恢复密钥串

恢复密钥标记

恢复密钥串

恢复密钥文件

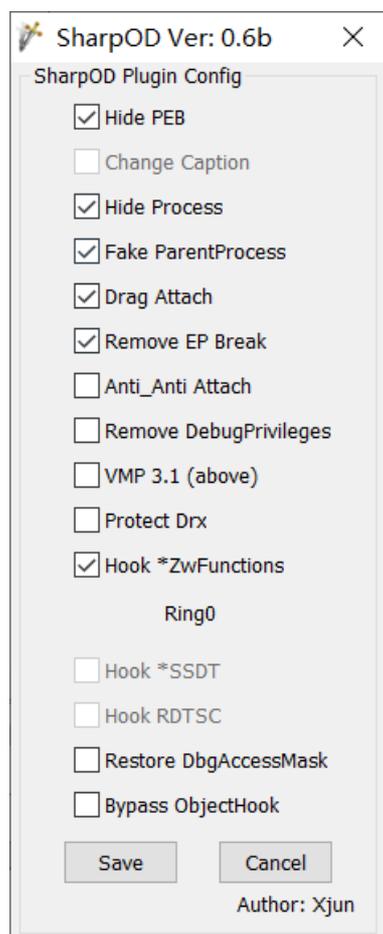
[https://blog.csdn.net/qq\\_42880719](https://blog.csdn.net/qq_42880719)

解开C盘之后，重新取证

<input checked="" type="checkbox"/>	39	\$TxfLogContainer000000000...	2,097,152
<input checked="" type="checkbox"/>	40	chat1.exe	4,989,952
<input checked="" type="checkbox"/>	41	未分配簇	196,247,552

序号	名称	文件类型	文件大小 (字节)
<input type="checkbox"/>	1	error code.xlsx	15,274

取出这两个文件，xlsx未发现宏，chat1.exe为关键，并且最后提示不要逆chat1.exe，更加锁定了在chat1.exe里，而且调试后发现反调试，其实猜测flag在内存中，根据T佬说用sharpOD反反调试操作一波  
首先x64dbg安装这个插件，勾选如下



然后运行程序，F9到达第一个断点处，此时在内存中找不到东西，发现再F9达到几处断点后程序关闭，根据正常运行时候弹出connect fail!可以知道那4处断点时有connect fail!弹出，在最后一个断点处查看内存中的字符串（虽然之后发现第二个断点处已经有值了）

0695103 chat1.exe:\$695103 #373503

内存 2	内存 3	内存 4	内存 5	监视 1	局部变量	结构体
十六进制				ASCII		
C CC CC CC	CC CC CC CC	48 89 5C 24	08 33 DB 48	iiiiiiiih.\\$.30H		
D 42 FF 41	BA FE FF FF	7F 44 8B CB	49 3B C2 41	.ByA*byy.D.EI;AA		
B 0D 00 00	C0 45 0F 47	CB 45 85 C9	0F 88 FA 63	*...AE.GEE.E..uc		
A 00 48 85	D2 74 26 4C	2B D2 4C 2B	C1 49 8D 04	..H.Ot&+Ol+At..		
2 48 85 C0	74 17 41 0F	B7 04 08 66	85 C0 74 0D	.H.At.A...f.At.		
6 89 01 48	83 C1 02 48	83 EA 01 75	E0 48 85 D2	F..H.A.H.e.uah.O		
8 8D 41 FE	48 0F 45 C1	48 F7 DA 45	1B C9 41 F7	H.Aph.EAh-Ue.EA-		

地址	反汇编	字符串
30000001400010D0	lea rcx,qword ptr ds:[14000348]	"init fail\n"
30000001400010E4	lea r8,qword ptr ds:[1400032A0]	"POST / HTTP/1.1\r\nconnection: close\r\ncontent-type: application/json\r\n"
300000014000110E	lea r8,qword ptr ds:[1400034C8]	"{"username": "admin", "password": "*****"}\r\n"
300000014000114F	lea rcx,qword ptr ds:[1400034F8]	"chat.purplemoon.onion"
3000000140001225	lea rdx,qword ptr ds:[140003520]	"\r\n\r\n"
3000000140001242	lea rcx,qword ptr ds:[140003528]	"recv error!"
300000014000129C	lea rcx,qword ptr ds:[140003538]	"ERROR CODE: %d\n"
30000001400012C2	lea r8,qword ptr ds:[1400033B0]	"GET / HTTP/1.1\r\nconnection: close\r\ncontent-type: application/json\r\nco"
30000001400012D0	lea r8,qword ptr ds:[140003548]	"flag is flag{3c531...7e3081415}"
300000014000133F	lea rcx,qword ptr ds:[140003510]	"connect fail\n"
300000014000142B	lea rcx,qword ptr ds:[140001A80]	"3控表\x01"
30000001400018D4	cmp word ptr ds:[140000000],ax	"M2?"
30000001400018E4	lea rdx,qword ptr ds:[140000000]	"M2?"
300000014000F56D	mov rax,qword ptr ds:[14002F6C0]	"ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/"
300000014000F57E	mov rax,qword ptr ds:[14002F6C8]	"IJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/"
300000014000F58E	mov rax,qword ptr ds:[14002F6D0]	"QRSTUVWXYZabcdefghijklmnopqrstuvwxyz0123456789+/"
300000014000F59C	mov rax,qword ptr ds:[14002F6D8]	"YZabcdefghijklmnopqrstuvwxyz0123456789+/"
300000014000F5A7	mov rax,qword ptr ds:[14002F6E0]	"ghijklmnopqrstuvwxyz0123456789+/"
300000014000F5B2	mov rax,qword ptr ds:[14002F6E8]	"opqrstuvwxyz0123456789+/"
300000014000F5B8	mov rax,qword ptr ds:[14002F6F0]	"xyz0123456789+/"
300000014000F5C8	mov rax,qword ptr ds:[14002F6F8]	"456789+/"
3000000140014779	lea r12,qword ptr ds:[14002F6A0]	"0123456789abcdef"
300000014001D044	lea rcx,qword ptr ds:[14002FC48]	"L'register"
300000014001F8A4	lea rdx,qword ptr ds:[14002D4F0]	"string too long"
300000014001FA6C	lea rcx,qword ptr ds:[14002D528]	"invalid string position"
300000014001FA76	lea rdx,qword ptr ds:[14002D528]	"invalid string position"

最后找到flag，这样解可能是作者留下的后门解出来的