

i春秋 MISC ReCreators

原创

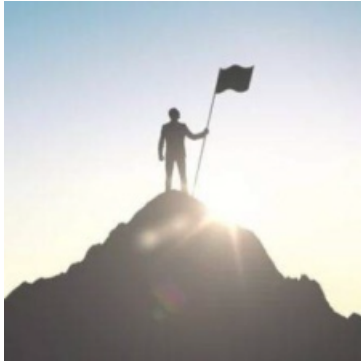
A_dmins 于 2019-06-24 16:50:38 发布 1537 收藏 1

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本文链接: https://blog.csdn.net/qq_42967398/article/details/93490479

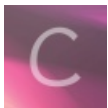
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订阅专栏

i春秋 MISC ReCreators

一天一道CTF题目, 能多不能少

下载文件, 不知道文件是什么格式, 用winhex查看一下文件头, 发现是kdmv:

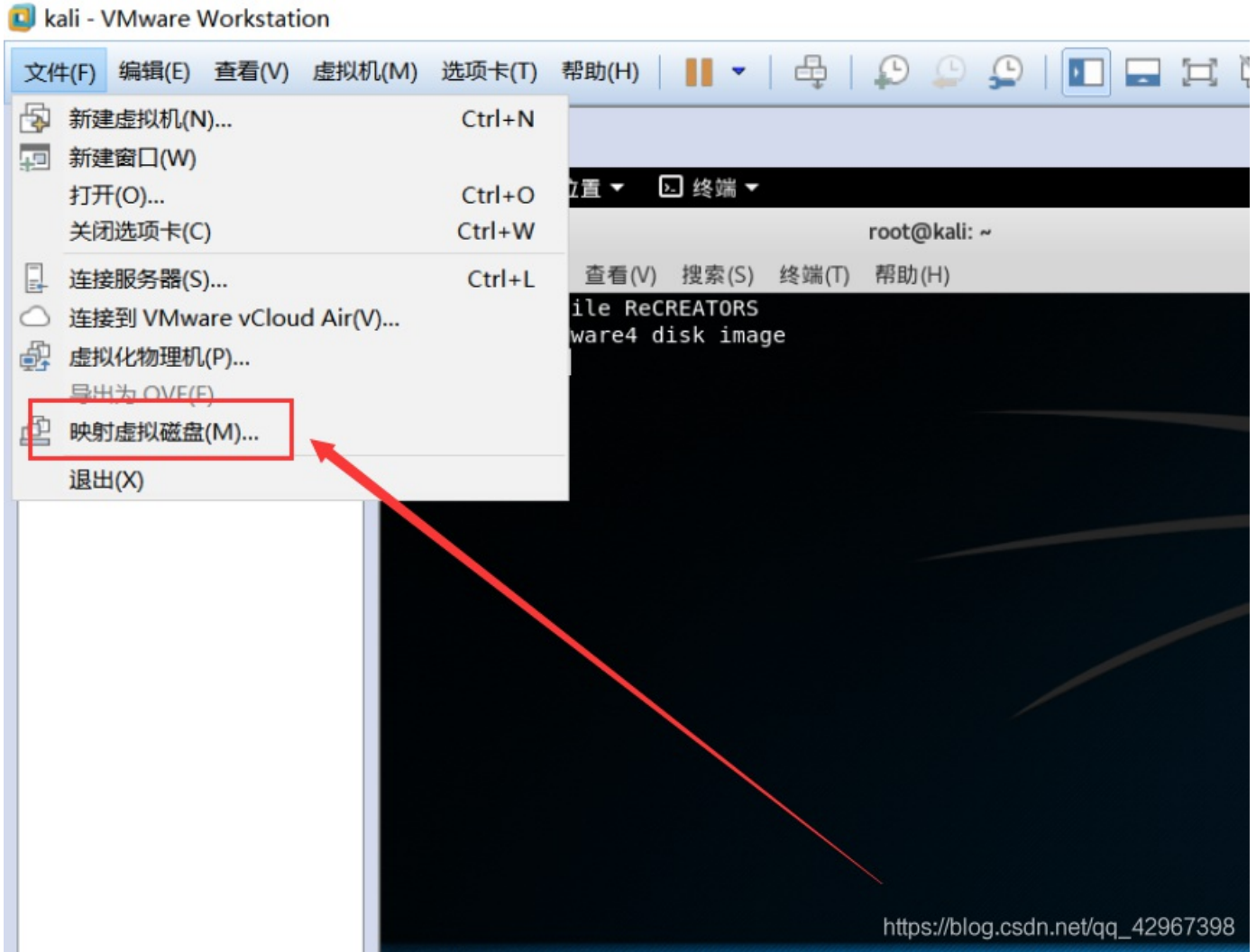
00	4B 44 4D 56 01 00 00 00 03 00 00 00 00 00 40 00	KDMV	@
16	00 00 00 00 80 00 00 00 00 00 00 00 00 01 00 00 00	€	
32	00 00 00 00 14 00 00 00 00 00 00 00 00 02 00 00 00		
48	15 00 00 00 00 00 00 00 16 01 00 00 00 00 00 00 00		
64	80 02 00 00 00 00 00 00 00 0A 20 0D 0A 00 00 00 00	€	
80	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00		
96	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00		
12	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00		
28	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00		
44	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00		
60	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00		
76	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00		
92	00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00		

咋也不知道, 咋也不敢问啊, 直接百度一下, 结果么的, , , ,

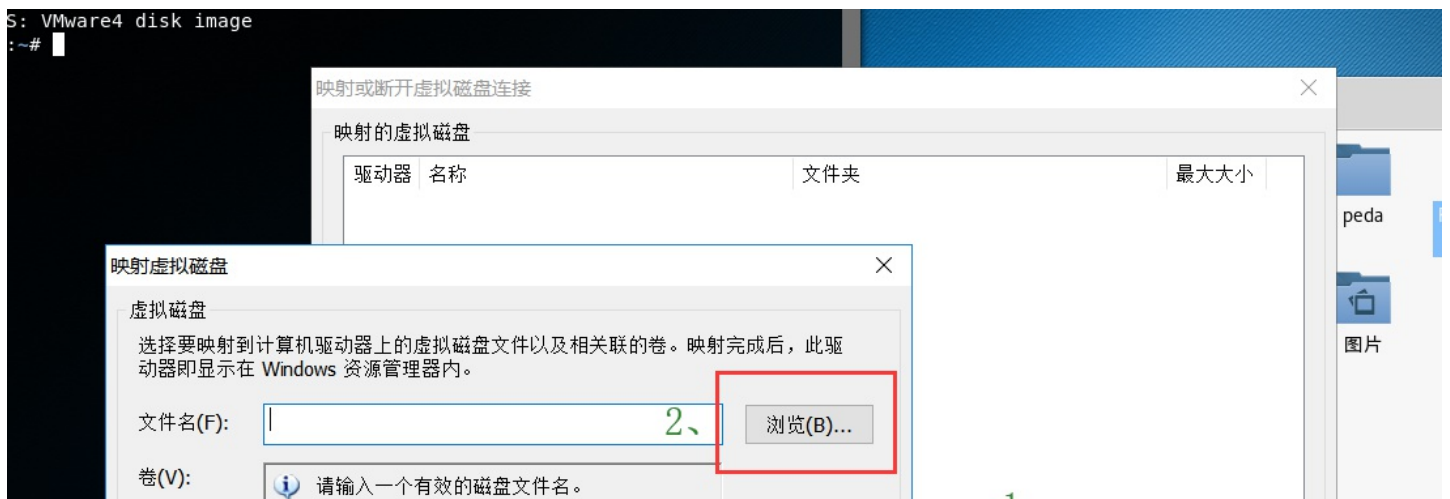
虚拟机启动, 用kali的file命令查看一下文件, 发现是 **ReCREATORS: VMware4 disk image**

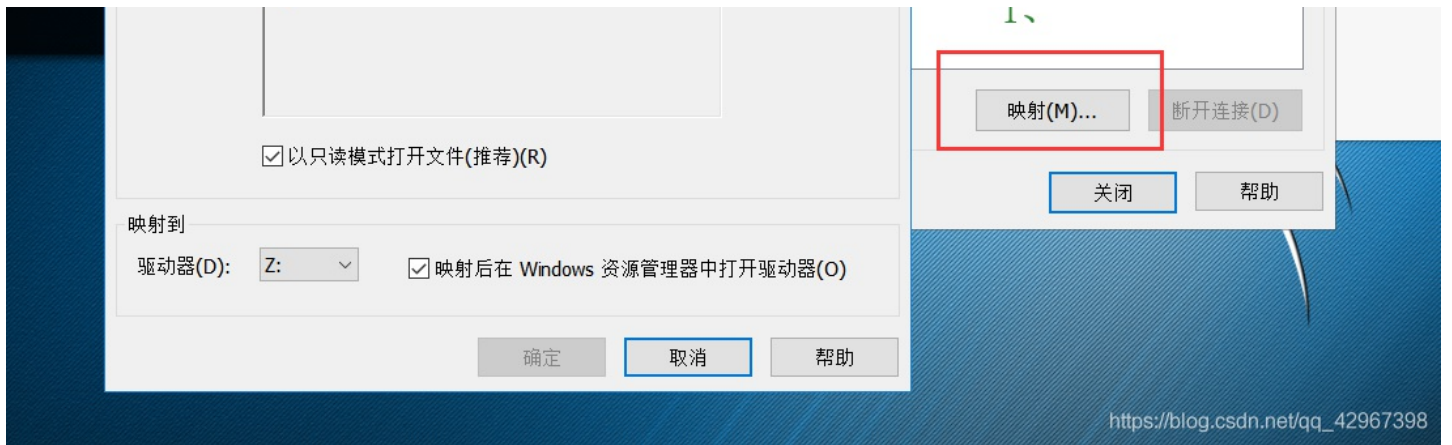
```
root@kali:~# file ReCREATORS
ReCREATORS: VMware4 disk image
root@kali:~#
```

原来是虚拟机映像文件，将文件后缀改为.vmdk
用虚拟机打开，打开方法：



点击映射虚拟磁盘，然后点映射，再找到文件就可以链接到：

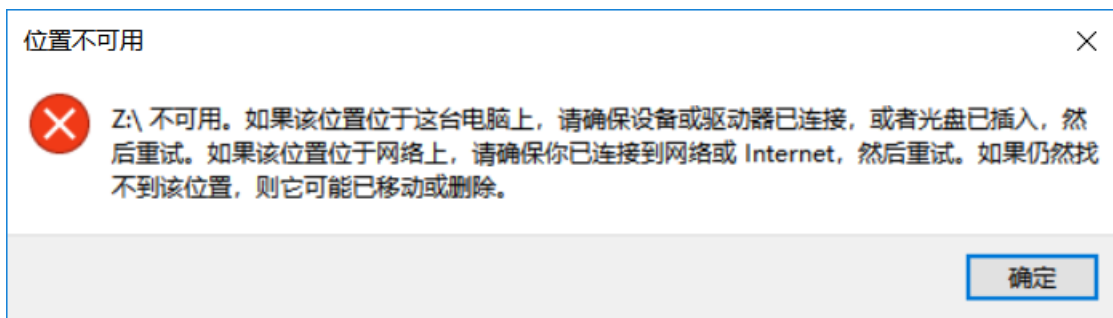




连上之后有一个MP4文件：

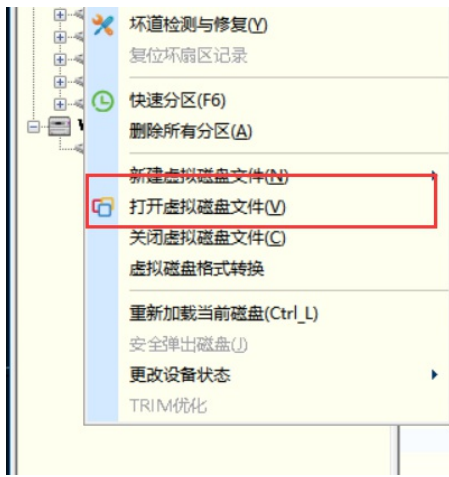


想把它拖出去，结果半天托不出去，爆如下错误：



心态爆炸，只能换一种方式打开了，用DiskGenius打开：





https://blog.csdn.net/qq_42967398

打开后直接提取，发现听不了提示文件损坏，用winhex打开，发现异常部分：

```

76 33 34 34 31 33 34 34 31 33 34 33 38 33 34 33 35 3441344134383435
32 33 35 33 35 33 35 33 32 33 35 33 33 33 34 34 35 3535353235333445
38 33 34 34 32 33 35 34 31 33 34 34 31 33 35 33 35 3442354134413535
24 33 33 33 34 33 35 33 33 33 33 33 32 33 34 34 36 3334353333323446
10 33 34 34 31 33 34 34 35 33 34 33 33 33 35 33 35 3441344534333535
36 33 33 33 32 33 35 33 36 33 34 33 33 33 35 33 34 3332353634333534
72 33 34 34 31 33 35 34 31 33 34 33 34 33 35 33 35 3441354134343535
38 33 35 33 35 33 35 33 34 33 34 33 33 33 34 33 36 3535353434333436
74 33 34 34 32 33 33 33 35 33 34 34 33 33 34 33 36 3442333534433436
20 33 34 33 37 33 35 33 36 33 34 33 33 33 34 34 33 3437353634333443
36 33 34 34 32 33 35 34 31 33 34 33 34 33 34 33 35 3442354134343435
32 33 34 34 34 33 35 33 36 33 34 34 32 33 35 33 34 3444353634423534
38 33 34 33 39 33 34 34 35 33 34 34 33 33 35 33 35 3439344534433535
34 33 35 33 35 33 35 33 36 33 35 33 33 33 34 34 32 3535353635333442
20 33 34 33 39 33 35 34 31 33 34 33 34 33 35 33 36 3439354134343536
16 33 34 33 35 33 35 33 35 33 33 33 32 33 35 33 31 3435353533323531
32 33 34 33 39 33 33 33 35 33 34 34 33 33 34 33 35 3439333534433435
18 33 34 34 34 33 35 33 36 33 34 34 32 33 34 34 35 3444353634423445
34 33 34 34 32 33 35 33 36 33 34 33 36 33 34 33 36 3442353634363436
30 33 34 34 32 33 35 33 33 33 34 34 32 33 34 34 36 3442353334423446
36 33 34 34 31 33 34 34 35 33 34 33 33 33 35 33 36 3441344534333536
12 33 34 34 36 33 35 33 35 33 33 33 32 33 35 33 34 3446353533323534
28 33 34 34 32 33 33 33 35 33 34 33 36 33 35 33 36 3442333534363536
14 33 34 33 35 33 35 33 32 33 35 33 33 33 35 33 37 3435353235333537
30 33 34 33 39 33 35 33 36 33 34 34 31 33 35 33 34 3439353634413534
76 33 34 33 35 33 35 33 36 33 33 33 32 33 34 34 32 3435353633323442
32 33 34 34 31 33 35 34 31 33 34 33 36 33 34 33 35 3441354134363435
38 33 34 34 32 33 35 33 32 33 34 34 32 33 35 33 33 3442353234423533
24 33 34 34 31 33 34 34 31 33 34 34 32 33 35 33 35 3441344134423535
10 33 35 33 39 33 35 33 32 33 35 33 33 33 34 33 38 3539353235333438
36 33 34 33 39 33 35 33 35 33 35 34 31 33 34 33 36 3439353535413436
72 33 34 33 37 33 35 33 33 33 33 33 32 33 35 33 37 3437353333323537
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20 33 34 34 31 33 35 33 35 33 35 34 31 33 34 33 35 3441353535413435
36 33 34 33 39 33 35 33 33 33 35 34 31 33 35 33 36 3439353335413536
32 33 34 33 39 33 35 33 36 33 34 34 33 33 34 33 36 3439353634433436
38 33 34 34 32 33 35 33 35 33 35 33 32 33 35 33 33 3442353535323533
34 33 34 34 32 33 33 33 35 33 34 33 36 33 34 33 35 3442333534363435
20 33 33 33 34 32 33 35 33 33 33 34 33 33 33 35 33 36 3334353334333536
16 33 34 34 32 33 33 33 35 33 33 34 34 31 33 34 33 36 3442333534413436
32 33 34 33 37 33 35 33 34 33 34 33 33 33 34 34 34 3437353434333444
18 33 34 34 31 33 34 34 31 33 34 33 33 33 34 33 35 3441344134423435

```

提取出来：

344134413438343535353235333445344235413441353533343533332344634413445343335353323536343335343441354134343535
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3439353634363535333234453533353534373441343934353533353034393344

一眼看过去，全是数字，感觉是进制转换成ASCII码，没有超过十的，用工具发现十进制转不了，用16进制进行转换得到：

4A4A48455552534E4B5A4A553453324F4A4E4355325643544A5A445555443464B354C464756434C4B5A44454D564B54494E4C555556534B
495A44564555325149354C454D564B4E4B5646464B534B4F4A4E43564F5532544B3546564552535749564A544556324B4A5A46454B524B53
4A4A4B555952534849555A46475332574A52444559524B544A555A4549535A5649564C464B5552534B354645345343564B354A464754434D
4A4A44464B544B534A4E4B554F53534D4B564A564F55324D4A5242455356534E4B4D5A465153534F495A43564B5552534A52445555545347
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495643554756534B4B4E465555534346474A47564756534B4B5A474549524B584A4E494553535346495A4756495332544A4E48454D564B54
4B5A4A5559534A564A564C4557564A534C4246455554434649354C454756434C4C4A44464D543255494E4255595253444B5247564D553255
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4B5A4555324D53484A4A4E4555524B584B35425649533232494E435653555A534A4E46464551325549564B564756434B4A5A44464D544B55
494E445557524A53495644564B51324D4A524645455653504B5A4E464D52324B4A52435449564B544A4E4556555343574A4E4B4547544B4A
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495246564D535356475A4B455756324B4A5A46554B5632574B4E4745595153474B5A4356435532484A45325532564B5A4B52425551534B56
4C4A4B553255324B4B4E4455555443564B4E4C564753434C4C4A44464B4E4355494E4A555554534D495A47564D5353564A4E495655525350
4B4D5A464F53534F4A56444547565354495247454D53435649564B45475253484A4A47454B564B574B4E4645595353474B5A475647533254
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4A354A454755534B4A455A464B564B534B4E474555565344495A4956474D53584A4A4C454B524B444B5A46464753324B495A4C454756324C
49564655324E5355474A49455350493D

看上去好像还是16进制，继续转，得到一串类似于base64编码的一串字符：

JJHEURSNKZJU4S20JNCU2VCTJZDUUTCfk5LFGVCLKZDEMVKtINLUUVSKIZDVEU2QI5LEMVKNKVFfKSKOJNCVOU2TK5FVERSWIVJTEV2KJZFekRKS
JJkUYRSHIUZFGS2WJRDEYRKTJUZEISZVIVLfkURSK5FE4SCVK5JFGTCMJJDFKTKSJNKUOSSMKVJVOU2MJRBESVSNKMZfQSSOIZCVKURSJRDUUTSG
JVJUWV2KKJCEKU2VJNKEWTSgKZKVEQ2HJNLESVCFKZFU6S2KIZCU2VCLKVFE4RCFJ5LFGWLLJDFMTKRGJEEUSJskVMVES2MI5EVUVSTKMFgSSW
IvcUGVSKKNFUUSCFGJGVGVSkkZGEIRKXJNIESSfIZGVIS2TJNHEMVKTkZJUYSJVJVLewJSLBFEUTCfI5LEGVCLLJDFMT2UINBUYRSDKRGVMU2U
JFNEIVKFJUZFoSSGI5KUOVJSJRFfURSFJNJtET2KJZCFKV2TKNGESVSHKZEU2MSHJjNEURKXK5BVIS22INCSUZSJNfFEQ2UIVKVGVCKJZDFMTKU
INDUWRJSIVDVkQ2MJRfEEVSPKZNFMR2KJRCTIVKtJNEVUSCWJNKEGtKJGVGEKSKNFewMSCKVDVGUSWJNHEyVSTKJVJGsvIZLEKVRISIEVMTcG
I5KFGTCLKZGVMUKRGJLUWTSNKU2FKU2JJNNEGVSnkNjVESRUGJKVOUSDIRfVMSSVGZKEWV2KJZFUKV2WkNGEYQSGKZCVCU2HJE2U2VKZKRBUQSKV
LJKU2U2KKNDUUTCvKNLvgSCLLJDFKNcUINJUUTSMIZGVMSSVjNIVURSPKMZFOSSOJVDEGVSTIRGEMSCVIVKEGRSHJjGekVwKNfEYSSGKZGVGS2T
JNHEUVKXK5JUIS2SIJKTIVJskZfFUSSfLJEWTSLkJDFKT2TJMZEYRSMIUFMU2EJjHEMRCLKNJUOSSNLJCEOV2DJRFUUTCvJVJEWVSLJZEekV2W
JNNEWUSHKZGVCMSWJjDEMRRKIZeyR2OIJLE2URSINfE4RCWJ5LEWVKLJZDEMtkTGJKUSTJSIVLVMU2NJFFEWVKLJZJVOS2OIRKVGVSskVEURKW
J5JEGUSKJEZfKVKSKNGEUVSdIZIVGMSXJJLEKRKDKZFFGS2KIZLEGV2LIVFU2NSUGJIESPI=

但是，base64转完是一串乱码，换一种方法，最后base32解码成功：

base编码

base16、base32、base64

```
JJHEURSNKZJU4S20JNCU2VCTJZDUOTCFK5LFGVCLKZDEMVKTLNLUVSKIZDVEU2QI5LEMVKNVFFKSKOJNCVU2TK5FVERSIVJTEV2KJZFEKRKSJJKUYRSHIUFZFGS2WJRDEYRKTJUZEISZVIVLFKURSK5FE4SCVK5JFGTCMJDFKTKSJKUOSMKVJV0U2MRBESVSNKMZFGSSOIZCVKURSJRDUUTSGJVJUW2KKJCEKU2VJNKEWTSKGZKVQ2HJNLESVCFKZFU6S2KIZCU2VCLKVF4RCJ5LFGWLLJDFMTKRGJEEUSJSKVMVES2MI5EVUVSTKMZPGSSWIVCUGVSKNFUUSCFGJGVGVSKKZGEIRKXJNIESSSFI2GVIS2TJNHEMVTKZJUYSJVJLEWVJSLBFEUTCFI5LEGVCLLJDFMT2UINBUYRSDKRGVMU2UJFNEIVKJUZFOSSGI5KUOVJSJRFFURSFJNJTE2TKJZCFKV2TKNGESVSHKZEU2MSHJNEURKXK5BVIS22INCVSU2S3JNFFEQ2UIVKVGCKJZDFMTKUINDUWRJSIVDKQ2MJRFEVSPKZNFMR2KJRCTIVKJNEVUSCWNKEGTJGVGEKSKNFVWSSCKVDY GUSWJNHEYVSTKVJGVSZVIZLEKVR5I5VMTGCI5KFGTCLKZGVUMKRGJLUWTSNKU2FKU2JNNEGVSNKNJVESRUGJKVOUSDIRFVMSVVGZKEWV2KJZFUUV2WKNXEYQSGKZCVU2HJE2U2VKZKRBUQSKVLJKU2U2KKNDUUTCVKNLVGSCLLJDFKNCUINJUUTSMIZGVMSVJNIVURSPKMZFOSSOJVDEGVSTIRGEMSCVIVKEGRSHJJGEKWKNFYSSGKZGVGS2TJNHEUVKXK5JUIS2S1JKTIVJSKZFFUSFLJEWTSLKJDFKT2TJMZEYRSMIUZFMU2EJ2JHEMRCLKNJUOSSNLJCE0V2DRPUUTCJVJEWVSLJZEEKV2WJNNEWUSHKZGVMSWJ2JEMRKRKI2EYR20I2JLE2URSNF4RCWJ5LEWVKLJZDEMTKGTJKUSTJ5IVLVMU2NJFFEWVKLJZJVOS20IRKVGVSSEVEVURKJ5JEGUSKJEZFKVSKNGEUVSDIZIVGMSXJ2LEKRRDKZFFGS2KIZLEGV2LIVFU2NSUGJIESPI=
```

编码

字符集

编码

解码

```
JNJFMVSNKNKEMTSNGJLEWVSTKVFUSCWJVJFGRSPGVFUMUJUINKEWSSWKRFFVES2WJNJEERJULFGE2SKVLFLESM2DK5EVUR2WJNHUWRSLJFUMRKUGJLUSWLLBIVMS2XJNFEUR2LGNJFMFSKJWRDESUKTKNFVURCGKIVTEVKOKJFEMTKUJNDEOV5ZKZFMQ2HJI2UYRKLGI2VSS2SJVEECVJSKJHE2MSVJVLDEWKPJIEFMTKSKNFUSVSLI5MVKU2XJLEGVCTKZFOVOTCCLFCTMVSTIZDUEM2WJFGUGU2LJZFEKS20JNDUWSSLIVGIM2GJZJEWVCTKZCEYS2KJRCTEUSTJNFVMTCKE2EGUCLLJBVOVZVGJLE4USKIZHVKTMI5LEIRSJKZBUGSRVKNLVSUSSK5FVEV2GIVLFGTSLKVMVQ2WKNMU4USIKZCVMSSRJ42UWRCDKVJU6TKWJNKEWVSLBFVEQSGI5MUYTCHIUZUMSJSJLJUSWSHKZFU4TCSJNLFMVJUKQZFO52WJNMFVSDLFHUETCFGJLEUVS2LJFVMSKSNJUWSDKRBU4U2VJZJYRKNRFRUOSK2LFL2VSDJNFDKSSGJMZDGVCLKJLUMRKNVKNHEWVKZKRGVMQ2VJFFEQ2LGNBVMR2CJNDVOVKUKNFMS2UIM2EWSMIJUKUNSWKNDUSVRUIZEVORCRJ2UURS2LJVCFS2WJVEECVJSKJFVCWKEKM6T2PI=
```

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```
JNJFMVSNKNKEMTSNGJLEWVSTKVFUSCWJVJFGRSPGVFUMUJUINKEWSSWKRFFVES2WJNJEERJULFGE2SKVLFLESM2DK5EVUR2WJNHUWRSLJFUMRKUGJLUSWLLBIVMS2XJNFEUR2LGNJFMFSKJWRDESUKTKNFVURCGKIVTEVKOKJFEMTKUJNDEOV5ZKZFMQ2HJI2UYRKLGI2VSS2SJVEECVJSKJHE2MSVJVLDEWKPJIEFMTKSKNFUSVSLI5MVKU2XJLEGVCTKZFOVOTCCLFCTMVSTIZDUEM2WJFGUGU2LJZFEKS20JNDUWSSLIVGIM2GJZJEWVCTKZCEYS2KJRCTEUSTJNFVMTCKE2EGUCLLJBVOVZVGJLE4USKIZHVKTMI5LEIRSJKZBUGSRVKNLVSUSSK5FVEV2GIVLFGTSLKVMVQ2WKNMU4USIKZCVMSSRJ42UWRCDKVJU6TKWJNKEWVSLBFVEQSGI5MUYTCHIUZUMSJSJLJUSWSHKZFU4TCSJNLFMVJUKQZFO52WJNMFVSDLFHUETCFGJLEUVS2LJFVMSKSNJUWSDKRBU4U2VJZJYRKNRFRUOSK2LFL2VSDJNFDKSSGJMZDGVCLKJLUMRKNVKNHEWVKZKRGVMQ2VJFFEQ2LGNBVMR2CJNDVOVKUKNFMS2UIM2EWSMIJUKUNSWKNDUSVRUIZEVORCRJ2UURS2LJVCFS2WJVEECVJSKJFVCWKEKM6T2PI=
```

继续base32，得到：

```
KRVVMS2TFNM2VKVSUJZHVMSRF05KFQ4CTKJVTKRKVRBE4YLMUIUYVI3CWIZGVKOKFKZKFET2WIZKXQVKWKJJK2ZVIVLFIQSSKZDFUQ2UNRJFMTK6GVVYKVGCGJ5LEK23YKRMHAU2RNM2UMV2YOBHVMSKIVKGYUSWJCVTSVKWLBYE6VSFGB3VIMCSKNJEKNGKJKEMT3FNKXSVDLKJLE2RSKKVLFQ4CPKZCwW52VNRJFOULGVDFIVCCJ5SWYRRWKRWFVSNKUUYXCVSYNRHVEVJQ05KDCUSOMVKTVKXKRBFGLLGE3FI22WIZGVKNLRKVU4T2WKVKXQVCYOBLE2VJVIZKVISSKZCTCSUNRLEMTKGIZYVMVCKJ5JFK23XKRWFUSNKUUYTMVCUIJHGK3CVGBKGWUTSJVKT4KVLBUE6VSGIV4FIWDQJ5JFKMDXKVMHAU2RKQYDS===
```

还是base家族的，继续base32：

```
TkVJek5UVTNOVFEwTXpSRk5EUTBNa1E1T1VFMU9EVTROVUxUVRRek5EVTBRVZCT1RVME5qUToFVEkxTXpSQk5FWXpOVFJET1RVME9UVXpOVE0wT0RSRESFRTOe1UyTkrVMFJUvXpOvEkWU1RWqk5FTTB0e1F6T1RVMU1qVX10RU0wT1RNeU5UWTBSak16TkVFMU5qUkNOVUuXpVMU5FUTFRVE16T1VFMFFqVTJORUKwT1RRMU16TTBNe1U0TkRrMU1qUXhOVFEwTXpORU0wUXpSQT09
```

再继续转，发现base32出错，，，，

最后发现base64成功：

```
TkVJek5UVTVNOVFEwTXpSRk5EUTBNa1E1T1VFMU9EVTROVFUxUVRRek5EVTBRVZCT1RVME5qUTF0VEkxTXpSQk5FWXp0VJFJET1RVME9UVXp0VE0wT0RSRE5FRTF0e1UyTkRVMFJUUVXp0VEkwU1RWQk5FTTB0e1F6T1RVMU1qVX10RU0wT1RNeU5UWTBSak16TkVFMU5qUkNOVUUxTXpVMU5FUTFRVE16T1VFMFFqVTJ0RUkwt1RRMU16TTBNe1U0TkRzMU1qUXh0VFEwTXp0RU0wUXpSQT09
```

编码

字符集

编码

解码

```
NEIzNTU3NTQ0MzRFNDQ0MjQ5NUE1ODU4NTU1QTQzNDU0QTVBNTU0NjQ1NTI1MzRBNEYzNTRDNTU0OTUzNTM0ODRDNEE1NzU2NDU0RTUzNTI0RTVBNEM0NzQzNTU1MjUyNEM00TMyNTY0RjMzNEE1NjRCNUE1MzU1NEQ1QTMzNUE0QjU2NEI0NTQ1MzM0MzU4NDk1MjQxNTQ1MzNEM0QzRA==
```

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得到：

```
NEIzNTU3NTQ0MzRFNDQ0MjQ5NUE1ODU4NTU1QTQzNDU0QTVBNTU0NjQ1NTI1MzRBNEYzNTRDNTU0OTUzNTM0ODRDNEE1NzU2NDU0RTUzNTI0RTVBNEM0NzQzNTU1MjUyNEM00TMyNTY0RjMzNEE1NjRCNUE1MzU1NEQ1QTMzNUE0QjU2NEI0NTQ1MzM0MzU4NDk1MjQxNTQ1MzNEM0QzRA==
```

继续base64：

```
4B355754434E4442495A5858555A43454A5A55464552534A4F354C55495353484C4A5756454E53524E5A4C47435552524C4932564F334A564B5A53554D5A335A4B564B454533435849524154533D3D3D
```

又变成了16进制，，，，

继续：

```
K5WTCNDBIZXXUZCEJZUFERSJ05LUISSHLJWVENSZRNLG CURRLI2V03JVKZSUMZ3ZKVKKEE3CXIRATS===
```

又变成了base家族，，，，

base32成功，得到：

```
Wm14aFozdDNhRFIwWdJGZmR6QnVaR1Z5Wm5VeFgyUTB1WDA9
```

继续base32错误，base64成功：

```
ZmxhZ3t3aDR0X2FfdzBuZGVyZnUxX2Q0eX0=
```


继续base64:

base16、base32、base64

```
ZmxhZ3t3aDR0Y2FfdzBuZGVyZnUxY2Q0eX0=
```

编码

base64

字符集

utf8(unicode编码)

编码

解码

```
flag{wh4t_a_w0nderful_d4y}
```

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得到flag: `flag{wh4t_a_w0nderfu1_d4y}`

真的服气，一直换换换，被打得一点脾气都没有