

原创

〔已注销〕于 2020-04-25 18:20:43 发布



1005



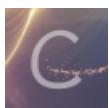
收藏 2

分类专栏: [CTFWP](#) 文章标签: [wp](#)

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8 篇文章 0 订阅

订阅专栏

MISC

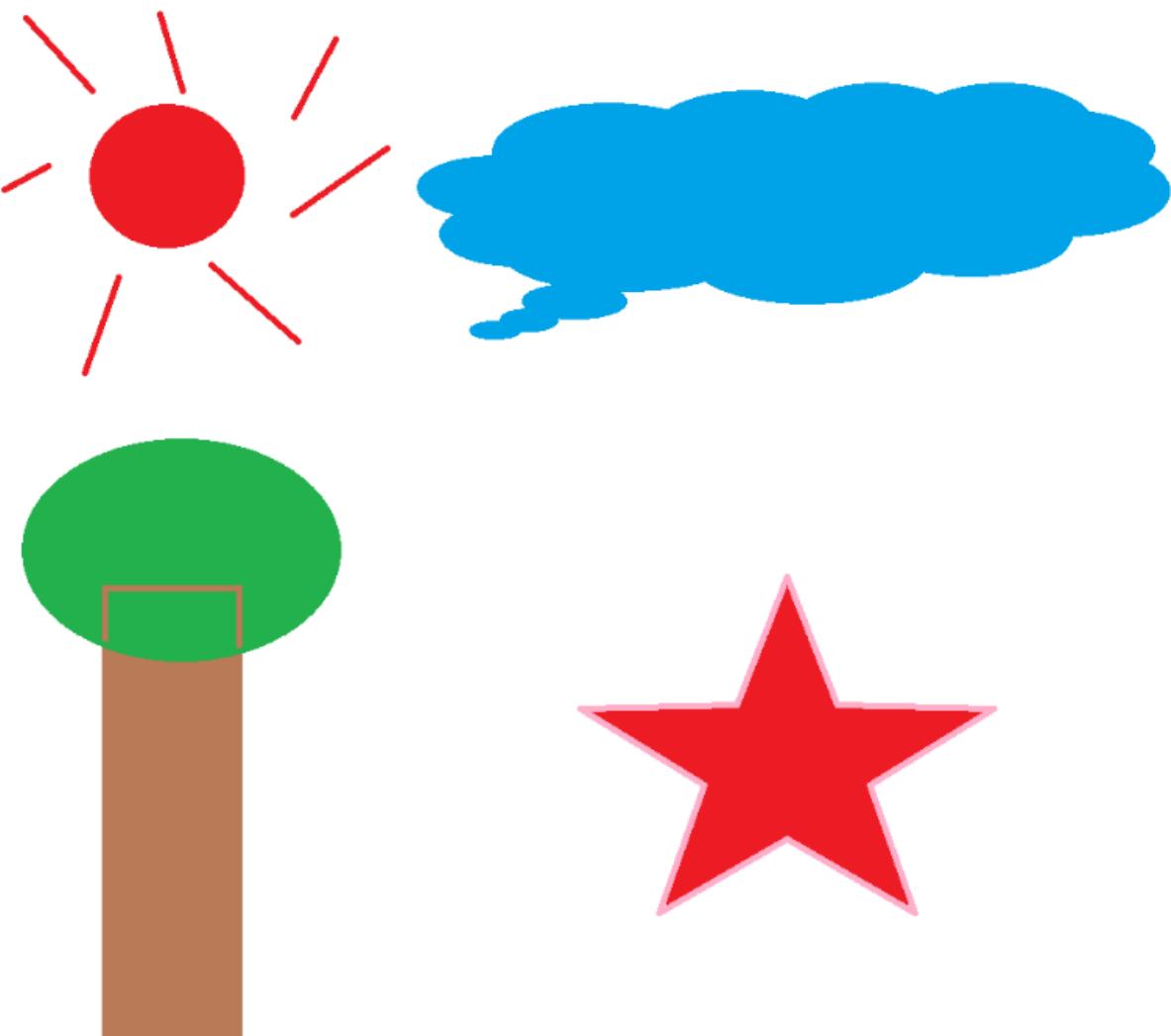
最简单

首先使用winrar修复伪加密

查看文件尾, 发现是png结尾

5190h:	51A0h:	51B0h:	51C0h:	51D0h:	51E0h:	51F0h:	5200h:	5210h:	5220h:	5230h:	5240h:	5250h:	5260h:	5270h:	5280h:	5290h:	52A0h:	52B0h:	52C0h:	52D0h:	52E0h:	52F0h:	5300h:	5310h:	5320h:	5330h:	5340h:	5350h:	5360h:	5370h:	5380h:	5390h:	53A0h:	53B0h:	53C0h:	53D0h:	53E0h:	53F0h:	5400h:	5410h:	5420h:	5430h:	5440h:	5450h:	5460h:	5470h:	5480h:	5490h:	54A0h:	54B0h:	54C0h:	54D0h:	54E0h:	54F0h:	5500h:	5510h:	5520h:	5530h:	5540h:	5550h:	5560h:	5570h:	5580h:	5590h:	55A0h:	55B0h:	55C0h:	55D0h:	55E0h:	55F0h:	5600h:	5610h:	5620h:	5630h:	5640h:	5650h:	5660h:	5670h:	5680h:	5690h:	56A0h:	56B0h:	56C0h:	56D0h:	56E0h:	56F0h:	5700h:	5710h:	5720h:	5730h:	5740h:	5750h:	5760h:	5770h:	5780h:	5790h:	57A0h:	57B0h:	57C0h:	57D0h:	57E0h:	57F0h:	5800h:	5810h:	5820h:	5830h:	5840h:	5850h:	5860h:	5870h:	5880h:	5890h:	58A0h:	58B0h:	58C0h:	58D0h:	58E0h:	58F0h:	5900h:	5910h:	5920h:	5930h:	5940h:	5950h:	5960h:	5970h:	5980h:	5990h:	59A0h:	59B0h:	59C0h:	59D0h:	59E0h:	59F0h:	5A00h:	5A10h:	5A20h:	5A30h:	5A40h:	5A50h:	5A60h:	5A70h:	5A80h:	5A90h:	5AA0h:	5AB0h:	5AC0h:	5AD0h:	5AE0h:	5AF0h:	5B00h:	5B10h:	5B20h:	5B30h:	5B40h:	5B50h:	5B60h:	5B70h:	5B80h:	5B90h:	5BA0h:	5BB0h:	5BC0h:	5BD0h:	5BE0h:	5BF0h:	5C00h:	5C10h:	5C20h:	5C30h:	5C40h:	5C50h:	5C60h:	5C70h:	5C80h:	5C90h:	5CA0h:	5CB0h:	5CC0h:	5CD0h:	5CE0h:	5CF0h:	5D00h:	5D10h:	5D20h:	5D30h:	5D40h:	5D50h:	5D60h:	5D70h:	5D80h:	5D90h:	5DA0h:	5DB0h:	5DC0h:	5DD0h:	5DE0h:	5DF0h:	5E00h:	5E10h:	5E20h:	5E30h:	5E40h:	5E50h:	5E60h:	5E70h:	5E80h:	5E90h:	5EA0h:	5EB0h:	5EC0h:	5ED0h:	5EE0h:	5EF0h:	5F00h:	5F10h:	5F20h:	5F30h:	5F40h:	5F50h:	5F60h:	5F70h:	5F80h:	5F90h:	5FA0h:	5FB0h:	5FC0h:	5FD0h:	5FE0h:	5FF0h:	5F01h:	5F11h:	5F21h:	5F31h:	5F41h:	5F51h:	5F61h:	5F71h:	5F81h:	5F91h:	5F02h:	5F12h:	5F22h:	5F32h:	5F42h:	5F52h:	5F62h:	5F72h:	5F82h:	5F92h:	5F03h:	5F13h:	5F23h:	5F33h:	5F43h:	5F53h:	5F63h:	5F73h:	5F83h:	5F93h:	5F04h:	5F14h:	5F24h:	5F34h:	5F44h:	5F54h:	5F64h:	5F74h:	5F84h:	5F94h:	5F05h:	5F15h:	5F25h:	5F35h:	5F45h:	5F55h:	5F65h:	5F75h:	5F85h:	5F95h:	5F06h:	5F16h:	5F26h:	5F36h:	5F46h:	5F56h:	5F66h:	5F76h:	5F86h:	5F96h:	5F07h:	5F17h:	5F27h:	5F37h:	5F47h:	5F57h:	5F67h:	5F77h:	5F87h:	5F97h:	5F08h:	5F18h:	5F28h:	5F38h:	5F48h:	5F58h:	5F68h:	5F78h:	5F88h:	5F98h:	5F09h:	5F19h:	5F29h:	5F39h:	5F49h:	5F59h:	5F69h:	5F79h:	5F89h:	5F99h:	5F0Ah:	5F1Ah:	5F2Ah:	5F3Ah:	5F4Ah:	5F5Ah:	5F6Ah:	5F7Ah:	5F8Ah:	5F9Ah:	5F0Bh:	5F1Bh:	5F2Bh:	5F3Bh:	5F4Bh:	5F5Bh:	5F6Bh:	5F7Bh:	5F8Bh:	5F9Bh:	5F0Ch:	5F1Ch:	5F2Ch:	5F3Ch:	5F4Ch:	5F5Ch:	5F6Ch:	5F7Ch:	5F8Ch:	5F9Ch:	5F0Dh:	5F1Dh:	5F2Dh:	5F3Dh:	5F4Dh:	5F5Dh:	5F6Dh:	5F7Dh:	5F8Dh:	5F9Dh:	5F0Eh:	5F1Eh:	5F2Eh:	5F3Eh:	5F4Eh:	5F5Eh:	5F6Eh:	5F7Eh:	5F8Eh:	5F9Eh:	5F0Fh:	5F1Fh:	5F2Fh:	5F3Fh:	5F4Fh:	5F5Fh:	5F6Fh:	5F7Fh:	5F8Fh:	5F9Fh:	5F00h:	5F10h:	5F20h:	5F30h:	5F40h:	5F50h:	5F60h:	5F70h:	5F80h:	5F90h:	5F01h:	5F11h:	5F21h:	5F31h:	5F41h:	5F51h:	5F61h:	5F71h:	5F81h:	5F91h:	5F02h:	5F12h:	5F22h:	5F32h:	5F42h:	5F52h:	5F62h:	5F72h:	5F82h:	5F92h:	5F03h:	5F13h:	5F23h:	5F33h:	5F43h:	5F53h:	5F63h:	5F73h:	5F83h:	5F93h:	5F04h:	5F14h:	5F24h:	5F34h:	5F44h:	5F54h:	5F64h:	5F74h:	5F84h:	5F94h:	5F05h:	5F15h:	5F25h:	5F35h:	5F45h:	5F55h:	5F65h:	5F75h:	5F85h:	5F95h:	5F06h:	5F16h:	5F26h:	5F36h:	5F46h:	5F56h:	5F66h:	5F76h:	5F86h:	5F96h:	5F07h:	5F17h:	5F27h:	5F37h:	5F47h:	5F57h:	5F67h:	5F77h:	5F87h:	5F97h:	5F08h:	5F18h:	5F28h:	5F38h:	5F48h:	5F58h:	5F68h:	5F78h:	5F88h:	5F98h:	5F09h:	5F19h:	5F29h:	5F39h:	5F49h:	5F59h:	5F69h:	5F79h:	5F89h:	5F99h:	5F0Ah:	5F1Ah:	5F2Ah:	5F3Ah:	5F4Ah:	5F5Ah:	5F6Ah:	5F7Ah:	5F8Ah:	5F9Ah:	5F0Bh:	5F1Bh:	5F2Bh:	5F3Bh:	5F4Bh:	5F5Bh:	5F6Bh:	5F7Bh:	5F8Bh:	5F9Bh:	5F0Ch:	5F1Ch:	5F2Ch:	5F3Ch:	5F4Ch:	5F5Ch:	5F6Ch:	5F7Ch:	5F8Ch:	5F9Ch:	5F0Dh:	5F1Dh:	5F2Dh:	5F3Dh:	5F4Dh:	5F5Dh:	5F6Dh:	5F7Dh:	5F8Dh:	5F9Dh:	5F0Eh:	5F1Eh:	5F2Eh:	5F3Eh:	5F4Eh:	5F5Eh:	5F6Eh:	5F7Eh:	5F8Eh:	5F9Eh:	5F0Fh:	5F1Fh:	5F2Fh:	5F3Fh:	5F4Fh:	5F5Fh:	5F6Fh:	5F7Fh:	5F8Fh:	5F9Fh:	5F00h:	5F10h:	5F20h:	5F30h:	5F40h:	5F50h:	5F60h:	5F70h:	5F80h:	5F90h:	5F01h:	5F11h:	5F21h:	5F31h:	5F41h:	5F51h:	5F61h:	5F71h:	5F81h:	5F91h:	5F02h:	5F12h:	5F22h:	5F32h:	5F42h:	5F52h:	5F62h:	5F72h:	5F82h:	5F92h:	5F03h:	5F13h:	5F23h:	5F33h:	5F43h:	5F53h:	5F63h:	5F73h:	5F83h:	5F93h:	5F04h:	5F14h:	5F24h:	5F34h:	5F44h:	5F54h:	5F64h:	5F74h:	5F84h:	5F94h:	5F05h:	5F15h:	5F25h:	5F35h:	5F45h:	5F55h:	5F65h:	5F75h:	5F85h:	5F95h:	5F06h:	5F16h:	5F26h:	5F36h:	5F46h:	5F56h:	5F66h:	5F76h:	5F86h:	5F96h:	5F07h:	5F17h:	5F27h:	5F37h:	5F47h:	5F57h:	5F67h:	5F77h:	5F87h:	5F97h:	5F08h:	5F18h:	5F28h:	5F38h:	5F48h:	5F58h:	5F68h:	5F78h:	5F88h:	5F98h:	5F09h:	5F19h:	5F29h:	5F39h:	5F49h:	5F59h:	5F69h:	5F79h:	5F89h:	5F99h:	5F0Ah:	5F1Ah:	5F2Ah:	5F3Ah:	5F4Ah:	5F5Ah:	5F6Ah:	5F7Ah:	5F8Ah:	5F9Ah:	5F0Bh:	5F1Bh:	5F2Bh:	5F3Bh:	5F4Bh:	5F5Bh:	5F6Bh:	5F7Bh:	5F8Bh:	5F9Bh:	5F0Ch:	5F1Ch:	5F2Ch:	5F3Ch:	5F4Ch:	5F5Ch:	5F6Ch:	5F7Ch:	5F8Ch:	5F9Ch:	5F0Dh:	5F1Dh:	5F2Dh:	5F3Dh:	5F4Dh:	5F5Dh:	5F6Dh:	5F7Dh:	5F8Dh:	5F9Dh:	5F0Eh:	5F1Eh:	5F2Eh:	5F3Eh:	5F4Eh:	5F5Eh:	5F6Eh:	5F7Eh:	5F8Eh:	5F9Eh:	5F0Fh:	5F1Fh:	5F2Fh:	5F3Fh:	5F4Fh:	5F5Fh:	5F6Fh:	5F7Fh:	5F8Fh:	5F9Fh:	5F00h:	5F10h:	5F20h:	5F30h:	5F40h:	5F50h:	5F60h:	5F70h:	5F80h:	5F90h:	5F01h:	5F11h:	5F21h:	5F31h:	5F41h:	5F51h:	5F61h:	5F71h:	5F81h:	5F91h:	5F02h:	5F12h:	5F22h:	5F32h:	5F42h:	5F52h:	5F62h:	5F72h:	5F82h:	5F92h:	5F03h:	5F13h:	5F23h:	5F33h:	5F43h:	5F53h:	5F63h:	5F73h:	5F83h:	5F93h:	5F04h:	5F14h:	5F24h:	5F34h:	5F44h:	5F54h:	5F64h:	5F74h:	5F84h:	5F94h:	5F05h:	5F15h:	5F25h:	5F35h:	5F45h:	5F55h:	5F65h:	5F75h:	5F85h:	5F95h:	5F06h:	5F16h:	5F26h:	5F36h:	5F46h:	5F56h:	5F66h:	5F76h:	5F86h:	5F96h:	5F07h:	5F17h:	5F27h:	5F37h:	5F47h:	5F57h:	5F67h:	5F77h:	5F87h:	5F97h:	5F08h:	5F18h:	5F28h:	5F38h:	5F48h:	5F58h:	5F68h:	5F78h:	5F88h:	5F98h:	5F09h:	5F19h:	5F29h:	5F39h:	5F49h:	5F59h:	5F69h:	5F79h:	5F89h:	5F99h:	5F0Ah:	5F1Ah:	5F2Ah:	5F3Ah:	5F4Ah:	5F5Ah:	5F6Ah:	5F7Ah:	5F8Ah:	5F9Ah:	5F0Bh:	5F1Bh:	5F2Bh:	5F3Bh:	5F4Bh:	5F5Bh:	5F6Bh:	5F7Bh:	5F8Bh:	5F9Bh:	5F0Ch:	5F1Ch:	5F2Ch:	5F3Ch:	5F4Ch:	5F5Ch:	5F6Ch:	5F7Ch:	5F8Ch:	5F9Ch:	5F0Dh:	5F1Dh:	5F2Dh:	5F3Dh:	5F4Dh:	5F5Dh:	5F6Dh:	5F7Dh:	5F8Dh:	5F9Dh:	5F0Eh:	5F1Eh:	5F2Eh:	5F3Eh:	5F4Eh:	5F5Eh:	5F6Eh:	5F7Eh:	5F8Eh:	5F9Eh:	5F0Fh:	5F1Fh:	5F2Fh:	5F3Fh:	5F4Fh:	5F5Fh:	5F6Fh:	5F7Fh:	5F8Fh:	5F9Fh:	5F00h:	5F10h:	5F20h:	5F30h:	5F40h:	5F50h:	5F60h:	5F70h:	5F80h:	5F90h:	5F01h:	5F11h:	5F21h:	5F31h:	5F41h:	5F51h:	5F61h:	5F71h:	5F81h:	5F91h:	5F02h:	5F12h:	5F22h:	5F32h:	5F42h:	5F52h:	5F62h:	5F72h:	5F82h:	5F92h:	5F03h:	5F13h:	5F23h:	5F33h:	5F43h:	5F53h:	5F63h:	5F73h:	5F83h:	5F93h:	5F04h:	5F14h:	5F24h:	5F34h:	5F44h:	5F54h:	5F64h:	5F74h:	5F84h:	5F94h:	5F05h:	5F15h:	5F25h:	5F35h:	5F45h:	5F55h:	5F65h:	5F75h:	5F85h:	5F95h:	5F06h:	5F16h:	5F26h:	5F36h:	5F46h:	5F56h:	5F66h:	5F76h:	5F86h:	5F96h:	5F07h:	5F17h:	5F27h:	5F37h:	5F47h:	5F57h:	5F67h:	5F77h:	5F87h:	5F97h:	5F08h:	5F18h:	5F28h:	5F38h:	5F48h:	5F58h:	5F68h:	5F78h:	5F88h:	5F98h:	5F09h:	5F19h:	5F29h:	5F39h:	5F49h:	5F59h:	5F69h:	5F79h:	5F89h:	5F99h:	5F0Ah:	5F1Ah:	5F2Ah:	5F3Ah:	5F4Ah:	5F5Ah:	5F6Ah:	5F7Ah:	5F8Ah:	5F9Ah:	5F0Bh:	5F1Bh:	5F2Bh:	5F3Bh:	5F4Bh:	5F5Bh:	5F6Bh:	5F7Bh:	5F8Bh:	5F9Bh:	5F0Ch:	5F1Ch:	5F2Ch:	5F3Ch:	5F4Ch:	5F5Ch:	5F6Ch:	5F7Ch:	5F8Ch:	5F9Ch:	5F0Dh:	5F1Dh:	5F2Dh:	5F3Dh:	5F4Dh:	5F5Dh:	5F6Dh:	5F7Dh:	5F8Dh:	5F9Dh:	5F0Eh:	5F1Eh:	5F2Eh:	5F3Eh:	5F4Eh:	5F5Eh:	5F6Eh:	5F7Eh:	5F8Eh:	5F9Eh:	5F0Fh:	5F1Fh:	5F2Fh:	5F3Fh:	5F4Fh:	5F5Fh:	5F6Fh:	5F7Fh:	5F8Fh:	5F9Fh:	5F00h:	5F10h:	5F20h:	5F30h:	5F40h:	5F50h:	5F60h:	5F70h:	5F80h:	5F90h:	5F01h:	5F11h:	5F21h:	5F31h:	5F41h:	5F51h:	5F61h:	5F71h:	5F81h:	5F91h:	5F02h:	5F12h:	5F22h:</

Misc-A_Beautiful_Picture-DreamerJack.png



https://blog.csdn.net/qq_45808659

使用010打开图片，发现长高不对应大小，修改高度后即可得到flag

名称	值	开始	大小	颜色
> struct PNG_CHUNK_IHDR ihdr	1000 x 900 (x8)	10h	Dh	Fg: Bg:
uint32 crc	C2C143B3h	1Dh	4h	Fg: Bg:
> struct PNG_CHUNK chunk[1]	sRGB (Ancillary...	21h	Dh	Fg: Bg:
> struct PNG_CHUNK chunk[2]	gAMA (Ancillary...	2Eh	10h	Fg: Bg:
> struct PNG_CHUNK chunk[3]	phYS (Ancillary...	3Eh	15h	Fg: Bg:
struct PNG_CHUNK chunk[4]	IDAT (Critical ...	53h	43FEh	Fg: Bg:
uint32 length	17394	53h	4h	Fg: Bg:
> union CTYPE type	IDAT	57h	4h	Fg: Bg:

判断图片高度隐写

例题：判断图片高度隐写的方法

struct PNG_SIGNATURE sig	0h	8h	Fg:	Bg:
struct PNG_CHUNK chunk[0]	8h	19h	Fg:	Bg:
uint32 length	8h	4h	Fg:	Bg:
union CTYPE type	Ch	4h	Fg:	Bg:
struct PNG_CHUNK_IHDR ihdr	10h	Dh	Fg:	Bg:
528 x 700 (x8)	10h	4h	Fg:	Bg:
uint32 width	14h	4h	Fg:	Bg:
uint32 height	18h	1h	Fg:	Bg:
ubyte bits	19h	1h	Fg:	Bg:
enum PNG_COLOR_SPACE_TYPE color	1Ah	1h	Fg:	Bg:
enum PNG_COMPR_METHOD compr_method	1Bh	1h	Fg:	Bg:
enum PNG_FILTER_METHOD filter	1Ch	1h	Fg:	Bg:
enum PNG_INTERLACE_METHOD interl	1Ch	1h	Fg:	Bg:

计算图片的大小应该是528*700*3(RGB图像通常每像素3字节)=1108800

struct PNG_SIGNATURE sig	0h	8h	Fg:	Bg:
struct PNG_CHUNK chunk[0]	8h	19h	Fg:	Bg:
struct PNG_CHUNK chunk[1]	21h	15h	Fg:	Bg:
struct PNG_CHUNK chunk[2]	36h	A59h	Fg:	Bg:
struct PNG_CHUNK chunk[3]	A8Fh	20h	Fg:	Bg:
struct PNG_CHUNK chunk[4]	A8Bh	18F592h	Fg:	Bg:
1635718	AEBh	4h	Fg:	Bg:
union CTYPE type	ABFh	4h	Fg:	Bg:
ubyte data[1635718]	AC3h	18F586h	Fg:	Bg:
uint32 crc	190049h	4h	Fg:	Bg:
struct PNG_CHUNK chunk[5]	19004Dh	Ch	Fg:	Bg:
IEND				

但是IDAT模块的数值比它大，所以可以判定原图片的高度或者宽度被改小

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xiaojiejie.jpg



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在kali使用identify、exiftool查看数据都得到信息，用010打开后CTRL+F搜索BJD或者CTF尝试，flag得到

04 2E AC 9B EC D8 F6 CE 79 A1 16 F6 3C 9F 59 8B	..->iØöly;.ö<YY<
6D EB F6 07 D3 B5 74 C4 F3 E7 B9 89 70 4F 9B EE	mëö.ÓµtÁóç¹‰pO>í
3B 7A 56 86 0C E9 42 4A 44 7B 68 61 6F 6B 61 6E	;zV†.éBJD{haokan
6D 61 5F 78 6A 6A 7D 7C 2F 7C EA 4C 6E 77 2F 03	ma_xjj}} / nw/.
3E 9C 56 13 47 45 36 7A 25 84 6A 61 53 9E 83 91	>œV.GE6z%,jasif'
FD 2B 9D 9D D1 2A EA 0B 89 30 31 4D 14 F4 33 E7	ý+..Ñ*ê.%01M.ô3j
C8 52 3A 0E D9 AA 44 32 9A AE 4F 6E 41 E2 B4 46	ÈR:.ÙªD2š@OnAâ'F
2C D7 D2 A1 0D F3 60 80 6A 88 45 BB E2 00 3C 10	,xÒ;.ó`€j^E»â.<.
05 03 D8 C4 B9 90 39 CE 7A 7A 76 A0 44 26 E3 6F	..ØÄ¹.9Îzzv D&ão
CA 0F 00 72 28 25 92 AC BB 51 89 20 63 B5 31 9C	Ê.r(%'»Q‰ cµlæ
CE B3 7B BE E5 53 23 07 BE 6A 92 31 9B D4 AF 06	Îs{¾åS#.¾j'1>Ô-.
1C 0C 05 C1 EF D2 A9 12 69 D9 21 0E 0F 1E B9 22	...Áiò©.https://blog.csdn.net/qq_45808659

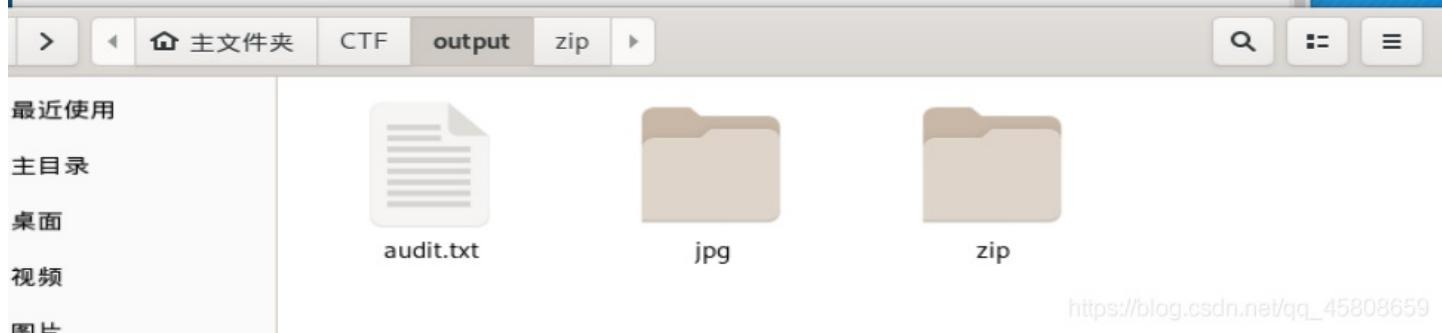
EASYBABA



打开是一张图片。查看图片大小发现为19M，使用binwalk分离文件

```
root@kali:~/CTF# binwalk ezbb.jpg
DECIIMAL      HEXADECIMAL      DESCRIPTION
-----      -----      -----
0            0x0      JPEG image data, JFIF standard 1.01
30           0x1E      TIFF image data, big-endian, offset of first image
directory: 8
6702845      0x6646FD      MySQL MISAM index file Version 9
20891106     0x13EC5E2      End of Zip archive, footer length: 22
```

```
root@kali:~/CTF# foremost ezbb.jpg
ERROR: /root/CTF/output is not empty
Please specify another directory or run with -T.
root@kali:~/CTF#
```



得到一个压缩包，将压缩包打开后里面有个图片，大小为40M，而且图片无法显示



使用exiftool查看，发现是movie，格式为avi



共四张，扫码后得到6167696E5F6C 6F76655F59 424A447B696D 316E677D

尝试用16进制转字符串，更改一下顺序即可得到flag

圣火昭昭



凡我弟子 喵喵喵！

使用exiftool打开得到信息，使用新与佛论禅解密，得到gemlovecom，后听出题人说去掉com

```
root@kali: ~/CTF
文件(F) 编辑(E) 查看(V) 搜索(S) 终端(T) 帮助(H)
File Access Date/Time      : 2020:03:21 21:45:20+08:00
File Inode Change Date/Time : 2020:03:21 21:45:20+08:00
File Permissions            : rwxrw-rw-
File Type                   : JPEG
File Type Extension         : jpg
MIME Type                   : image/jpeg
JFIF Version                : 1.01
Resolution Unit              : inches
X Resolution                 : 96
Y Resolution                 : 96
Exif Byte Order              : Big-endian (Motorola, MM)
XP Comment                  : 新佛曰：諸壽隸僧壽降吽壽諸壽陀壽摩隸僧鉢薩願心
```

壽咤壽囉寂壽闇諸壽哆壽慧壽聞壽色吽惑壽所壽蜜如
Padding : (Binary data 2060 bytes, use -b option to extract)
Image Width : 238
Image Height : 316
Encoding Process : Baseline DCT, Huffman coding
Bits Per Sample : 8
Color Components : 3
Y Cb Cr Sub Sampling : YCbCr4:2:0 (2 2)
Image Size : 238x316
Megapixels : 0.075

后知道要使用outguess，在kali安装

outguess 使用方法

转载 xuqi7 最后发布于2017-03-18 23:33:47 阅读数 7761 ☆ 收藏

outguess是一个图片隐写软件，可以在github上下载：<https://github.com/crvick/outguess>，根据说明编译使用
google找到的使用方法

加密:

```
outguess -k "my secret key" -d hidden.txt demo.jpg out.jpg
```

加密之后， demo.jpg 会覆盖 out.jpg。

hidden.txt中的内容是要隐藏的东西

解密：

```
outguess -k "my secret key" -r out.jpg hidden.txt
```

解密之后，解密内容放在hidden.txt中

参考网址：

<https://www.quora.com/How-do-you-use-the-OutGuess-steganography-program>

按照格式输入outguess -k "gemlove" -r sheng_huo_zhao_zhao.jpg aa.txt, 即可得到flag

```
root@kali:~/CTF# outguess -k "gemlove" -r sheng_huo_zhao_zhao.jpg aa.txt
Reading sheng_huo_zhao_zhao.jpg....
Extracting usable bits: 16072 bits
Steg retrieve: seed: 217, len: 35
root@kali:~/CTF#
```

CRYPTO

签到题

base64解密

QkpEe1czbGMwbWVfVDBfQkpEQ1RGfQ==

老文盲了

單龜締眾擴灝澦匱襍黼瀨鈎職鵠驕嘞咧眾郭鯪

單龜締眾擴灝澦匱襍黼瀨鈎職鵠驕嘞咧眾郭鯪

×

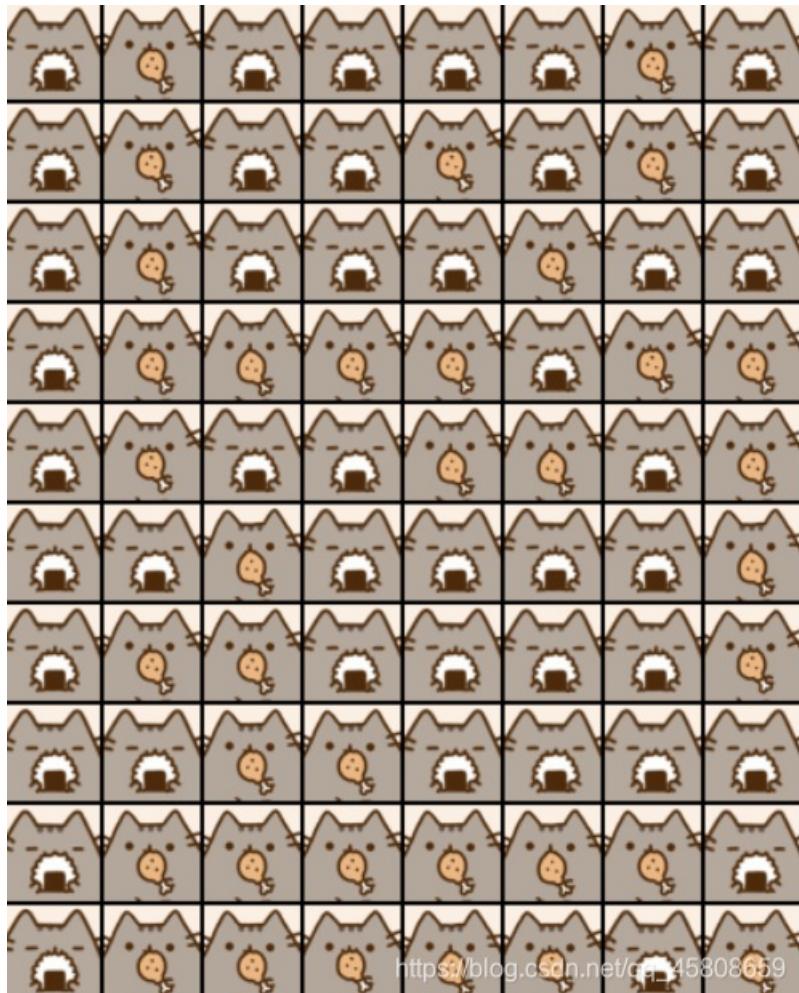
Bì jí dì dà kuò hào zhè jiù shì fǔ lài gē zhí jiē jiāo lè bā dà kuò hào



20/5000 拼
https://blog.csdn.net/qq_45808659

根据拼音即可知道flag为flag{灝澦匱襍黼瀨鈎職鵠驕嘞咧}

[cat_flag](#)



将饭团为0，鸡腿为1，得到

0100001001001001000100011101101001101001000010110000100110000011111001111101

将二进制转换为字符串** http://www.txttool.com/wenben_binarystr.asp ** 即可得到flag

Y1nglish

Nkbaslk ds sef aslckdqdqst. Sef aslckdqdqst qo lzqtbw usf ufkoplkt zth oscpslsfko. Dpkfk zfk uajk dwcko su dscqao qt dpqo aslckdqdqst, kzap su npqap qo jkfw mzoqa. Qu wse zfk qtdkfodkh qt tkdnsfw okaefqdw, nkbaslk ds czfdqaqc zd. Bkd lk dkbb wse z odsfw.

Q nzo pzjqtv hqttkf zd z fkodzefztd npkt Pzffw Odkkbk azlk qt, pk qo z lzcztkok ufsl lzczt med tsn pk qo tsd bajqtv qt lzczt, lzwmk Pzffw qo' d z lzcztkok tzlk med pk qo fkzb bw z lzcztkok. Pzffw nsfwkh qt z bznwk' o suuqak wkzfo zvs, med pk qo tsn nsfwqtv zd z mzlw. Pk vkdo z vssh ozbfw, med pk zbnzwo msffsno lskw ufsl pquo ufqktho zth tkjkf czwo qd mzaw. Pzffw ozn lk zth azlk zthozdzd

dpk ozlk dzmbk. Pk pzo tkjkf msffsnkh lskw ufs1 lk. Npqbk pk nzo kzdqtv, Q zowkh pql ds bkth lk &2. Ds lw oefcfqok, pk vjlk lk dpk lskw qllkhqzdkbw. 'Q pzjk tkjkf msffsnkh ztw lskw ufs1 wse,' Pzffw ozqh, 'os tsn wse azt czw usf lw hqttkf!' Tsn q nqbb vjlk wse npzd wse nztd.

MIH{cwdp0t_Mfed3_u0fa3_sF_geqcgeqc_ZQ_Af4aw}

[BJDCTF 2nd] Y1nglish-y1ng

1

Y1ng根据English居然独自发明了一门语言，就叫Y1nglish

明文都是可读的英文单词，flag如果提交失败，自己读一下，
把错误的单词修正，再提交(某个地方的u和i不需要调换顺序，
错误点不在那里)

https://blog.csdn.net/qq_45808659

使用别人提供链接 ** <https://quipqiup.com/> ** 得到



quipqiup is a fast and automated cryptogram solver by [Edwin Olson](#). It can solve simple substitution ciphers often found in newspapers, including puzzles like cryptoquipps (in which word boundaries are preserved) and patristocrats (inwhi chwör dboun darie saren t).

Puzzle:

Qu wse zf1 qtdkfkodkh qt tkdnsw# okaefqdw, nkbaslk ds czfdqaqc zd. Bkd lk dkbb wse z odsfw.
Q nzo pzjqtv hqttkf zd z fkodzeftd nkpt Pzffw nsfwkh qt z bznwkf o suuqak wkzfo zvs, med pk qo tsn nsfwqtv zd z mztw. Pk vkdo z vszh ozbzfw, med pk zbnzwo msffsnho lskw ufs1 pgo ufqktho zth tkjkf czwo qd mzaw. Pzffw ozn lk zth azlk zthozdd dpk ozlk dzmbk. Pk pzo tkjkf msffsnkh lskw ufs1 lk. Npqbk pk nzo kzdqtv, Q zowkh pql ds bkth lk &2. Ds lw oefcfqok, pk vjlk lk dpk lskw qllkhqzdkbw. 'Q pzjk tkjkf msffsnkh ztw lskw ufs1 wse,' Pzffw ozqh, 'os tsn wse azt czw usf lw hqttkf!' Tsn q nqbb vjlk wse npzd wse nztd.

MIH{cwdp0t_Mfed3_u0fa3_sF_geqcgeqc_ZQ_Af4aw}

Clues: For example G=R QVW=THE

auto

Solve

0 -1.433 Welcome to our competition. Our competition is mainly for freshmen and sophomores. There are five types of topics in this competition, each of which is very basic. If you are interested in network security, welcome to participate. Let me tell you a story. I was having dinner at a restaurant when Harry Steele came in, he is a Japanese from Japan but now he is not living in Japan, maybe Harry isn't a Japanese name but he is really a Japanese. Harry worried about a lawyer's office years ago, but he is now working at a bank. He gets a good salary, but he always borrows money from his friends and never pays it back. Harry saw me and came and sat at the same table. He has never borrowed money from me. While he was eating, I asked him to lend me \$2. To my surprise, he gave me the money immediately. I have never borrowed any money from you,' Harry said, 'so now you can pay for my dinner!' Now I will give you what you want. BJD{pyth0n_Br0t3_f0rc3_0h_quipquip_A1_Cr4cy}

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根据题目，可知题目中的k都被替换为了k，在得到的flag中有两个带y的单词，根据明文是可读的英文单词，将后面那个y修改为k即可得到flag

燕言燕语

Challenge

109 Solves

X

[BJDCTF 2nd]燕言燕语-y1ng

1

小燕子，穿花衣，年年春天来这里，我问燕子你为啥来，燕子说：

79616E7A69205A4A517B78696C7A765F6971737375686F635|

Flag

Submit

https://blog.csdn.net/qq_45808659

79616E7A69205A4A517B78696C7A765F6971737375686F635F73757A6A677D20

十六进制转字符得到yanzi ZJQ{xilzv_iqssuhoc_suzjg} 提交flag不正确

yanzi为密钥，尝试密钥的加密方式

维吉尼亚密码加密解密

ZJQ{xilzv_iqssuhoc_suzjg}

密钥 yanzi

加密

解密

BJD{yanzi_jiushige_shabi}

https://blog.csdn.net/qq_45808659

灵能精通

[BJDCTF 2nd] 灵能精通 - y1ng

1

身经百战的Y1ng已经达到崇高的武术境界，以自律克己来取代狂热者的战斗狂怒与传统的战斗形式。Y1ng所受的训练也进一步将他们的灵能强化到足以瓦解周遭的物质世界。借由集中这股力量，Y1ng能释放灵能能量风暴来摧毁敌人的心智、肉体与器械。

得到的 flag 建议用 flag{} 包上提交。

 jpg

Flag

https://blog.csdn.net/qq_45808659

Submit



圣堂武士密码(Templar Cipher)是共济会的“**猪圈密码**”的一个变种，一直被共济会圣殿骑士用。

明文字母和对应密文：



https://blog.csdn.net/qq_45808659

猪圈密码的变型圣堂武士密码

imknighttemplar



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