

BUUCTF Misc snake

原创

Misc真快乐:) 于 2022-03-06 19:19:51 发布 2753 收藏

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本文链接: https://blog.csdn.net/Leslie_LIL/article/details/123315027

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题目如下:

题目 [解题快手榜](#) ×

snake

1

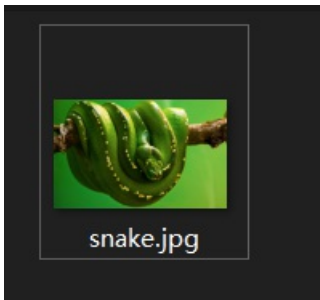
注意: 得到的 flag 请包上 flag{} 提交

8033a99b-d...

Flag

提交

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binwalk一下

```
PS D:\CTF\buu\misc\snake\snake> py -m binwalk .\snake.jpg
```

DECIMAL	HEXADECIMAL	DESCRIPTION
0	0x0	JPEG image data, JFIF standard 1.01
30	0x1E	TIFF image data, big-endian, offset of first image directory: 8
2925	0xB6D	Copyright string: "Copyright Apple Inc., 2015"
278260	0x43EF4	Zip archive data, at least v1.0 to extract, compressed size: 82
me: key		
278375	0x43F67	Zip archive data, at least v1.0 to extract, compressed size: 48
me: cipher		
278632	0x44068	End of Zip archive, footer length: 22

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提取

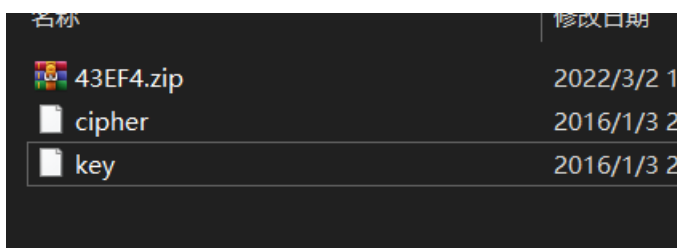
```
PS D:\CTF\buu\misc\snake\snake> py -m binwalk -e .\snake.jpg
```

DECIMAL	HEXADECIMAL	DESCRIPTION
0	0x0	JPEG image data, JFIF standard 1.01
30	0x1E	TIFF image data, big-endian, offset of first image
2925	0xB6D	Copyright string: "Copyright Apple Inc., 2015"

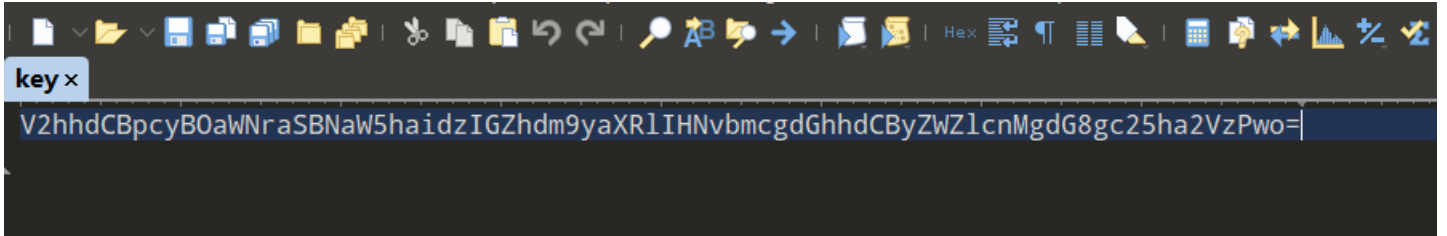
WARNING: Extractor.execute failed to run external extractor 'unzip -P '' -o '%e'
'unzip -P '' -o '%e'' might not be installed correctly

278260	0x43EF4	Zip archive data, at least v1.0 to extract, compre
me: key		
278375	0x43F67	Zip archive data, at least v1.0 to extract, compre
me: cipher		
278632	0x44068	End of Zip archive, footer length: 22

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这个key看着就很可疑（绝对不是一下没想起来cipher是什么意思）用010Editor打开，是base64，解码就好了



Base64 在线解码、编码

常规Base64 CSS Base64 DES加密/解密 3DES加密/解密 AES加密/解密 RSA加密/解密

V2hhdCBpcyBOaWNraSBNaW5haidzIGZhdm9yaXRlIHNVbmcgdGhhdCByZWZlcnMgdG8gc25ha2VzPwo=

编码源格式: 文本 Hex 解码结果: 自动检测 中文编码: UTF-8 编码 解码

What is Nicki Minaj's favorite song that refers to snakes?

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emmmm, 翻译一下大概就是这个人最喜欢的关于蛇的歌是哪首, 搜一下看看, 有大佬解出来说是**anaconda**, 那么这个就是**cipher**的秘钥了

我脑子砸到地上也想不到这题的解法

解密网站 <http://serpent.online-domain-tools.com/>

再详细的看这位大佬写的<https://blog.csdn.net/ITmincherry/article/details/99417927>

ops_request_misc=%257B%2522request%255Fid%2522%253A%2522164656446716780255296053%2522%252C%2522sc
m%2522%253A%25220140713.130102334.pc%255Fall.%2522%257D&request_id=164656446716780255296053&biz_id=
0&utm_medium=distribute.pc_search_result.none-task-blog-2_allfirst_rank_ecpm_v1~rank_v31_ecpm-1-
99417927.pc_search_result_cache&utm_term=buuctf+snake&spm=1018.2226.3001.4187

Serpent – Symmetric Ciphers Online

Input type:


File:

Function:

Mode:

Key:
(plain)

Plaintext Hex

 100%
File was uploaded.

Decrypted text:

00000000	43 54 46 7b 77 69 6f 5f 6b 6a 65 73 5f 78 65 7b	C T F {
00000010	70 65 66 71 61 66 66 70 66 66 72 73 68 71 66 78	
00000020	74 66 69 72 66 66 66 66 66 66 66 66 66 66 66 66	}

[\[Download as a binary file\] \[?\]](#)

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啊， Misc真快乐:)