

# 攻防世界 Misc高手进阶区 5分题 crc

原创

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## CTF

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订阅专栏

### 前言

继续ctf的旅程

攻防世界Misc高手进阶区的5分题

本篇是crc的writeup

发现攻防世界的题目分数是动态的

就仅以做题时的分数为准了

### 解题过程

得到一个压缩包

..			文件夹		
1.txt *	6	18	文本文档	2017/11/24 18:50	CC86365B
2.txt *	6	18	文本文档	2017/11/24 18:51	BCEE7ED5
3.txt *	6	18	文本文档	2017/11/24 18:51	CCCA7E74
convert.txt *	15,360	1,962	文本文档	2017/11/24 21:48	9EBFAE5D

解压要密码

看了看不是伪加密

爆破失败

题目是crc

应该跟crc有关

查了查

因为有三个txt极小

所以可以通过crc爆破

```

cy@kalifisher:~/ctf$ python crc32.py reverse 0xCC86365B
4 bytes: {0x65, 0xd7, 0x1e, 0xf0}
verification checksum: 0xcc86365b (OK)
alternative: 05J728 (OK)
alternative: 0EvF7h (OK)
alternative: 2ysXnu (OK)
alternative: 3y2iul (OK)
alternative: R9DrOf (OK)
alternative: WQkoQX (OK)
alternative: avuKGt (OK)
alternative: d0875V (OK)
alternative: dSwk4B (OK)
alternative: forum_ (OK)
alternative: go3DvF (OK)
alternative: ldpDP2 (OK)
alternative: r6wKtc (OK)
alternative: s66zoz (OK)
alternative: yQGfVS (OK)
cy@kalifisher:~/ctf$ python crc32.py reverse 0xBCEE7ED5
4 bytes: {0x1c, 0xeb, 0xe5, 0x41}
verification checksum: 0xbcee7ed5 (OK)
alternative: 2VSVDo (OK)
alternative: 50TgnD (OK)
alternative: 7sQy7Y (OK)
alternative: 91ctf_ (OK)
alternative: AVfsVk (OK)
alternative: N5K_u8 (OK)
alternative: 0YyCje (OK)
alternative: PgLPQi (OK)
alternative: aYUJmn (OK)
alternative: c425Xo (OK)
alternative: cePT4s (OK)
alternative: d1zWsp (OK)
alternative: pt05kx (OK)
alternative: rTzw3q (OK)
cy@kalifisher:~/ctf$ python crc32.py reverse 0xCCCA7E74
4 bytes: {0x3f, 0x09, 0x32, 0xe4}
verification checksum: 0xccca7e74 (OK)
alternative: 1Atmmb (OK)
alternative: 6XsSGI (OK)
alternative: EXFyUM (OK)
alternative: KWYiIC (OK)
alternative: Qm0jH5 (OK)
alternative: SpkdxD (OK)
alternative: TilZRO (OK)
alternative: Uub7HB (OK)
alternative: ZfsjnA (OK)
alternative: cN30_z (OK)
alternative: com_66 (OK)
alternative: dW4quQ (OK)
alternative: kXjpRF (OK)
alternative: lAmNxm (OK)
alternative: n0EmLx (OK)
alternative: r24Q5p (OK)
alternative: rcV0Yl (OK)
alternative: tf_ciJ (OK)

```

经过尝试得到解压密码 `forum_91ctf_com_66`

得到一串二进制

```

0011110001101001011011011001110010000011100110111001001100011001111010010001001100100011000010111010001100001
00111010011010010110110110000101100111011001010010111101110000011011100110011100111011011000100110000101110011
0110010100110110001101000010110001101001010101100100001001001111010100100111011100110000010010110100011101100111
011011110100000101000001010000010100111001010011010101010110100001000101010101011001110100000101000001
0100000101010010011001110100000101000001010000101000101011001010000110100000101001001010000010100000101000001
0100000101001001101110100100000110111011000100100000101000001010000010100011001010010001100000110110001000101
0101000101010110010100100011010001101110010011110011001101100100010100010101100100110101011000100111001111000
0100001001000001010100010101010010101100110001001011110101101001001111010101010100011101001001
0110011101001000011011000111000101001110001100100110010101110001011101000110111010110011011000110101001100110
01010001011001100111010101000111011010010101000100101111010100000111001000111001000110011101001110110110110
0011010001010000001011110011010100110110001100000011100100101111010000010101000001100111010011110110100001000001
010100010100001001001001010101010001100100000101010011010000100100000101010001010011001110101001101000101
0100001001000001010001010110100001010001010101010000100100100101010100001101010001101110011100001000111
0011100101100110010110000011000100111001011010100110111001111001010011110101100001000110101011011101101110

```

01101100011010000110011010001000110100000110111001011100110111010001110101000001101011010011000100110001101110  
0110110101110110010100110110010101100011011011100111001011011101101110100010101000001010100110100011001000010  
0101000101000101011001110101000101000101010001001001001010001010110100001000001010100010100001001001001010101  
0100011001000001010100110100001001000001010100010100010101100111010100100100111101000001001110010110110101000100  
010010100110011001110100011100010011100001101110100100001100110001100000110010101000001001010011101010111000  
0010111101101100001101110110100001010000011011010001000011100001000100011100100101010000110101010001010110  
01000011010100010100101001000011011001110110111010000110101000101001000101000011010000110100001101000001  
011001110100101001000001011010110100101101000110110011101001010010000010110011101001001010000110101000101001001  
01011000010000010011010101101011010001000011010101100010010011010100010010111101110101001101010110111  
01111001010101000011000000111000011011010100010000101111010110010101000001001100001011110101100001110101010100  
0101000000101111010001010110010001010111011100000100010101100111010010010100001101010000110100001  
011010110100001101010001011011110100101101000011010000010110011101001010010000010110011101001001  
01000011010100010100101001000011011001110110100101001000001011001110100101001000001100011101001001  
0110011001010010000010110101101001011010001101001010010000010110011101001001010000110101000101001001  
001011110100110101001101000010001101110100111101010010011110000111010100110011010001000100001110001  
011001000101000001010100011101100011011001011010011100100100010101000100100001100001100001110001  
011010000100000101010001010000100100100101010101000110010000010101000100100001010100010101100111  
0101001101000101010000100100000101000101011010000101000101100001010000101100111001010010000011011101011000  
01001000010110100110011000110101010010010110001000110010010100011101010011001101000101010000011100101110110  
001110010110010100101011101110100010111011010000100110001111001011100110100101001001001001001001001001  
0100000101010011010001100100001001010001010001011001110101000101000101010001001001001001001001001001  
010000010100001001001001010101010001100100000101010011010000100100001100110100010010000100110101100101011  
0111011001100001001100010111100100101110011001000110010011101110101100110111010100000110000101001010100  
01100110011100010101000001110110001100010100010100101110110001001001011010010101001010100101001001001  
0100010101000010010000010101001101000010010010010101000101000101010000010101001101000110010000100101000101  
0110011101010001010001010100001001001001010001010110100001000001010100110100001001110010011110010110010100110010  
010010000011001000110110011101110101101001000001010100110011010110011000111001011101000110100110101  
00111000011011110100101101111000010010010100010101101000010000010101000101000100100100101010100011001000001  
0101001101000010010000010101000101000101011001110101001101000101010000100100001010110100001010001010101  
0100001001001001010001010100001001100111011001000111100101001111001010011100101001110010101101011000  
01101110010011100111011101010110010101110010010001000110101101100101000100110110011001010110011001110001  
01001011011101010101110101101001000101011001110100100100001101010001010010001101000010110101101000011  
0101000101101111010010110100000101101011010000101100111010010100100000101100111010010010100001101010001  
010010100100001101100111011100110100010001101110110101101100011010101110101010001100100011001100101  
011101100101011101000010011101010111001011001100100100001001001010000100011000001110100011011010110101101011  
0111010101000111001110010110010001100101011100110101001101000010010000010101000101000101011001110101001101000101  
010000100100000101000101011010000101000101010101000010010010010100001001000001010100110100001001001001  
01010001010001010100000101010011010001100100001000110100010010000100100101101110101001110000101010001010100  
01000110001101000010111101100101011110100101011011011100111001011101110110011100011100001100111  
0011001101001001011001010111100000110100010000010100101101111000010010010100010101101000010000010101000101000010  
01001001010101010100011001000001010100110100001001000001010100010100010101100111010100110100001001000001  
010001010110100001010001010101010000100100100101000101010001000110011101100100010101110100010011101001101011  
010100010100111101000001001101110110101100101110111010001110001011011000011001001110110110000011001101100101  
0010111101110000011011100110110010011000101000001110010010001010110011101010001010001001001001001001001  
011010000100000101010001010000100100100101010101000110010000010101001101000010010000100100010101100111  
01010011010001010100001001000001010001010001100101010000100100110100001010001001100111010101001111001  
0011000000101011010011000110101101010000010011110011011101110000001110000011010101100001010110000100010001001000  
00101111001100110100100001111000010110100011100100110101001011101110010001100110110010100101001000010  
0101000101000101011001110101000101000101010000100100100101000101011010000100000101010001010001001001010101  
01000110010000010101001101000010010000010101000101000101011001110101001101000010010010010100100001001100  
010010010011010001110101010110000011001101001100011001000110101010100010001001001000100100010010001001000  
01010100001110000110010001001101011010111011000101110100110101000101110100110110011000101100101101011  
010000110100000101100111010010100100000101101011010010110100001011001110100101001000001011001110100100101000011  
0101000101001001010000110100000101101011010000110101000101011110100101101000001011011010000110100010001110111  
0110001001100101001010110101000101101110010100100111011101101101001101110111010000101110011010001100101010111  
011001100100101001110100011011010101100100100001000110011100110100111001010000010010010100110101000101001001  
010000110100000101101011010000110101000101101110100101101000001011010110100001101000001011001110100101001000001  
01100111010010010100001101010001010010100100001101100111001110011100110100010001001001001001100



0100101001000011011001110110111101000011010100010100100101000011010000010110101101000011010000010110011101001010  
0100000101101011010010110100001101110111010001000011100100110110011011110101000101001111010001010011011000111000  
0011010001001100001100010101000101000001010000010100000101000001010001001001010010010101010011010101000101  
011100100110101101001010011001110110011101100111001111010011110100100010001111100011110000101110110100101101101  
0110011100111110

转ascii码

得到

```
</img>
```

是个图片



```
EgSEBAEhQUBIEBASBIQEASFB0L9DNp92LRm63b1gPnV9+pTm/SPj6yfKigQBIUFAS  
BAQEgSEBAEhQUBIEBASBC7vkD1YMj+9s+Qo5oMlxyNPWnIusYefJyQICAKCagJAK  
KCgJAgICQICAKC/Q7ZgyWTtUmTM+inL6U9eOLvsijBQEgQEIEhAQBIUFASBAQEgS  
EBIHTQHbJrtX9m0yXDC73f4w7kwcdX394KxIEhAQBIUFASBAQEgSEBAEhQUBIEDgN  
ZJ/emjq5G3dywjtpzw2tFy84zIoEASFBQEgQEIEhAQBIUFASBAQEgQujyx+emI4uZN  
0c1/t03t4J9/rE3+yFQkCQoKAKCagJAgICQJCgoCQICAKCPR3yE7e+HlnydbUJbPa3J5  
dq//mE7+yFQkCQoKAKCagJAgICQJCgoCQICAKCPQD2adNDkmX7DI+mPyT15xm7  
A5Z+JOEBAEhQUBIEBASBIQEASFBQEgQ+IkD2SWT0HwEObmVeNKS7b3nr9eKBAE  
hQUBIEBASBIQEASFBQEgQEIE+oHsknHnnckh6eG9Jg9VXvJeB/kO2U9cL2tFgoCQI  
CAKcAgJAKKcGJAgICQICAKCX58YTm3w9G2wk/8r9/TI+JoVCQJCgoCQICAKCagJAK  
KCgJAgICQInAaywH9kRYKAKCagJAgICQJCgoCQICAKCagJAKKcWd96oQOE684L1Q  
AAAAABJRUI5ErkJggg==
```

\*请上传小于300KB的.jpg/jpeg/.gif/.bmp/.png/.ico格式图片，不建议将大图转换。

[图片转成Base64](#) | [Base64还原图片](#) | [清空结果](#)

得到二维码

扫描



已解码数据 1:

位置:(13.5,8.5)-(200.0,8.4)-(13.5,195.1)-(200.0,195.0)

颜色正常, 正像

版本: 3

纠错等级:H, 掩码:6

内容:

flag{owid0-c91hf-9iahg}

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得到flag

## 结语

crc爆破