

CTF练习题[Crypto]-一段Base64

原创

适好" 已于 2022-02-21 10:38:35 修改 27 收藏

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[CTF练习题](#) 专栏收录该内容

14 篇文章 0 订阅

订阅专栏

<https://ctf.bugku.com/challenges/detail/id/53.html?page=1>

拿到题目, txt文件

```
文件(F) 编辑(E) 格式(O) 查看(V) 帮助(H)
XDEzNFwxNzBcNjVcMTQzXDEzNFwxNzBcNjdcNjVcMTM0XDE3MFw2M1w2MFwxMzRcMTcwXDYzXDYwXDEzNFwxNzBcNjNcNjVcMTM0XDE3MFw2M1w2M1w
MzRcMTcwXDY1XDE0M1wxMzRcMTcwXDY3XDY1XDEzNFwxNzBcNjNcNjBcMTM0XDE3MFw2M1w2MFwxMzRcMTcwXDYzXDYwXDEzNFwxNzBcNjNcNjRcMTM
0XDE3MFw2NVwxNDNcMTM0XDE3MFw2N1w2NVwxMzRcMTcwXDYzXDYwXDEzNFwxNzBcNjNcNjBcMTM0XDE3MFw2M1w2N1wxMzRcMTcwXDYzXDYyXDEz
NFwxNzBcNjVcMTQzXDEzNFwxNzBcNjdcNjVcMTM0XDE3MFw2M1w2MFwxMzRcMTcwXDYzXDYwXDEzNFwxNzBcNjNcNjZcMTM0XDE3MFw2M1w3MvwxMzR
cMTcwXDY1XDE0M1wxMzRcMTcwXDY3XDY1XDEzNFwxNzBcNjNcNjBcMTM0XDE3MFw2M1w2MFwxMzRcMTcwXDYzXDY2XDEzNFwxNzBcNjZcNjVcMTM0XDE
3MFw2NVwxNDNcMTM0XDE3MFw2N1w2NVwxMzRcMTcwXDYzXDYwXDEzNFwxNzBcNjNcNjBcMTM0XDE3MFw2M1w2N1wxMzRcMTcwXDYzXDY3XDEzNFwx
NzBcNjVcMTQzXDEzNFwxNzBcNjdcNjVcMTM0XDE3MFw2M1w2MFwxMzRcMTcwXDYzXDYwXDEzNFwxNzBcNjNcNjCMTM0XDE3MFw2N1w2NVwxMzRcMTcw
XDY1XDE0M1wxMzRcMTcwXDY3XDY1XDEzNFwxNzBcNjNcNjBcMTM0XDE3MFw2M1w2MFwxMzRcMTcwXDYzXDYwXDEzNFwxNzBcNjNcNjZcMTM0XDE3MFw
2NVwxNDNcMTM0XDE3MFw2N1w2NVwxMzRcMTcwXDYzXDYwXDEzNFwxNzBcNjNcNjBcMTM0XDE3MFw2M1w2N1wxMzRcMTcwXDYzXDYyXDEzNFwxNzBc
NjVcMTQzXDEzNFwxNzBcNjdcNjVcMTM0XDE3MFw2M1w2MFwxMzRcMTcwXDYzXDYwXDEzNFwxNzBcNjNcNjZcMTM0XDE3MFw2N1w2N1wxMzRcMTcwXDY1
XDE0M1wxMzRcMTcwXDY3XDY1XDEzNFwxNzBcNjNcNjBcMTM0XDE3MFw2M1w2MFwxMzRcMTcwXDYzXDY2XDEzNFwxNzBcNjZcNjRcMTM0XDE3MFw2NVw
xNDNcMTM0XDE3MFw2N1w2NVwxMzRcMTcwXDYzXDYwXDEzNFwxNzBcNjNcNjBcMTM0XDE3MFw2M1w2NFwxMzRcMTcwXDYzXDYzXDEzNFwxNzBcNjVcM
TQzXDEzNFwxNzBcNjdcNjVcMTM0XDE3MFw2M1w2MFwxMzRcMTcwXDYzXDYwXDEzNFwxNzBcNjNcNjZcMTM0XDE3MFw2M1w3MFwxMzRcMTcwXDY1XDE0
M1wxMzRcMTcwXDY3XDY1XDEzNFwxNzBcNjNcNjBcMTM0XDE3MFw2M1w2MFwxMzRcMTcwXDYzXDY2XDEzNFwxNzBcNjNcNjFcMTM0XDE3MFw2NVwxNDN
cMTM0XDE3MFw2N1w2NVwxMzRcMTcwXDYzXDYwXDEzNFwxNzBcNjNcNjBcMTM0XDE3MFw2M1w2N1wxMzRcMTcwXDYzXDYyXDEzNFwxNzBcNjVcMTQzX
DEzNFwxNzBcNjdcNjVcMTM0XDE3MFw2M1w2MFwxMzRcMTcwXDYzXDYwXDEzNFwxNzBcNjNcNjZcMTM0XDE3MFw2M1w2M1wxMzRcMTcwXDY1XDE0M1wx
MzRcMTcwXDY3XDY1XDEzNFwxNzBcNjNcNjBcMTM0XDE3MFw2M1w2MFwxMzRcMTcwXDYzXDY2XDEzNFwxNzBcNjZcNjZcMTM0XDE3MFw2NVwxNDNcMT
M0XDE3MFw2N1w2NVwxMzRcMTcwXDYzXDYwXDEzNFwxNzBcNjNcNjBcMTM0XDE3MFw2M1w2N1wxMzRcMTcwXDYzXDY0XDEzNFwxNzBcNjVcMTQzXDEzN
FwxNzBcNjdcNjVcMTM0XDE3MFw2M1w2MFwxMzRcMTcwXDYzXDYwXDEzNFwxNzBcNjNcNjZcMTM0XDE3MFw2M1w2NVwxMzRcMTcwXDY1XDE0M1wxMzRc
MTcwXDY3XDY1XDEzNFwxNzBcNjNcNjBcMTM0XDE3MFw2M1w2MFwxMzRcMTcwXDYzXDYyXDEzNFwxNzBcNjNcNzBcMTM0XDE3MFw2NVwxNDNcMTM0X
DE3MFw2N1w2NVwxMzRcMTcwXDYzXDYwXDEzNFwxNzBcNjNcNjBcMTM0XDE3MFw2M1w2M1wxMzRcMTcwXDYzXDYzXDEzNFwxNzBcNjVcMTQzXDEzNFwxN
```

根据题目提示, 拿去base64解码

<https://base64.us/>

得到解码后的结果

```
\134\170\65\143\134\170\67\65\134\170\63\60\134\170\63\60\134\170\63\65\134\170\63\63\134\170\65\143\134\170\67\
65\134\170\63\60\134\170\63\60\134\170\63\67\134\170\63\64\134\170\65\143\134\170\67\65\134\170\63\60\134\170\63
\60\134\170\63\67\134\170\63\62\134\170\65\143\134\170\67\65\134\170\63\60\134\170\63\60\134\170\63\66\134\170\6
3\71\134\170\65\143\134\170\67\65\134\170\63\60\134\170\63\60\134\170\63\66\134\170\66\65\134\170\65\143\134\170
\67\65\134\170\63\60\134\170\63\60\134\170\63\66\134\170\63\67\134\170\65\143\134\170\67\65\134\170\63\60\134\17
0\63\60\134\170\63\62\134\170\66\65\134\170\65\143\134\170\67\65\134\170\63\60\134\170\63\60\134\170\63\66\134\1
70\63\66\134\170\65\143\134\170\67\65\134\170\63\60\134\170\63\60\134\170\63\67\134\170\63\62\134\170\65\143\134
\170\67\65\134\170\63\60\134\170\63\60\134\170\63\66\134\170\66\66\134\170\65\143\134\170\67\65\134\170\63\60\13
4\170\63\60\134\170\63\66\134\170\66\64\134\170\65\143\134\170\67\65\134\170\63\60\134\170\63\60\134\170\63\64\1
34\170\63\63\134\170\65\143\134\170\67\65\134\170\63\60\134\170\63\60\134\170\63\66\134\170\63\70\134\170\65\143
\134\170\67\65\134\170\63\60\134\170\63\60\134\170\63\66\134\170\63\61\134\170\65\143\134\170\67\65\134\170\63\6
```


0\66\154\176\65\66\154\176\65\65\154\176\65\65\154\176\67\65\154\176\65\66\154\176\65\66\154\176\65\66\154\176\63\63\134\170\63\71\134\170\65\143\134\170\67\65\134\170\63\60\134\170\63\60\134\170\63\62\134\170\63\71

0-7, 推测是八进制, 八进制转字符串, 代码写入HTML文件

```
<script>
document.write("<textarea cols=55 rows=10>" + "八进制字符串" + "</textarea>");
</script>
```



CSDN @适好 "

得到\x十六进制字符串, 拿去转换

<http://www.ab126.com/goju/1711.html>

ASCII在线转换器-十六进制, 十进制, 二进制

ASCII转换到 ASCII (例: a b c)

\\u\0\0\5\3\\u\0\0\7\4\\u\0\0\7\2\\u\0\0\6\9\\u\0\0\6\6\\u\0\0\6\7\\u\0\0\2\6\\u\0\0\6\6\\u\0\0\7\2\\u\0\0\6\6\\u\0\0\6\6\\u\0\0\4\3\\u\0\0\6\8\\u\0\0\6\1\\u\0\0\7\2\\u\0\0\4\3\\u\0\0

添加空格 删除空格 将空白字符转换

十六进制转换到16进制(例:0x61或61或61/62) 删除 0x

0x5c0x5c0x5c0x750x5c0x300x5c0x300x5c0x350x5c0x330x5c0x5c0x750x5c0x300x5c0x300x5c0x370x5c0x340x5c0x5c0x750x5c0x300x5c0x300x5c0x370x5c0x320x5c0x5c0x750x5c0x300x5c0x300x5c0x360x5c0x390x5c0x5c0x750x5c0x300x5c0x300x5c0x360x5c0x650x5c0x

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获得unioncode字符串

可以通过word替换，处理得到的字符串

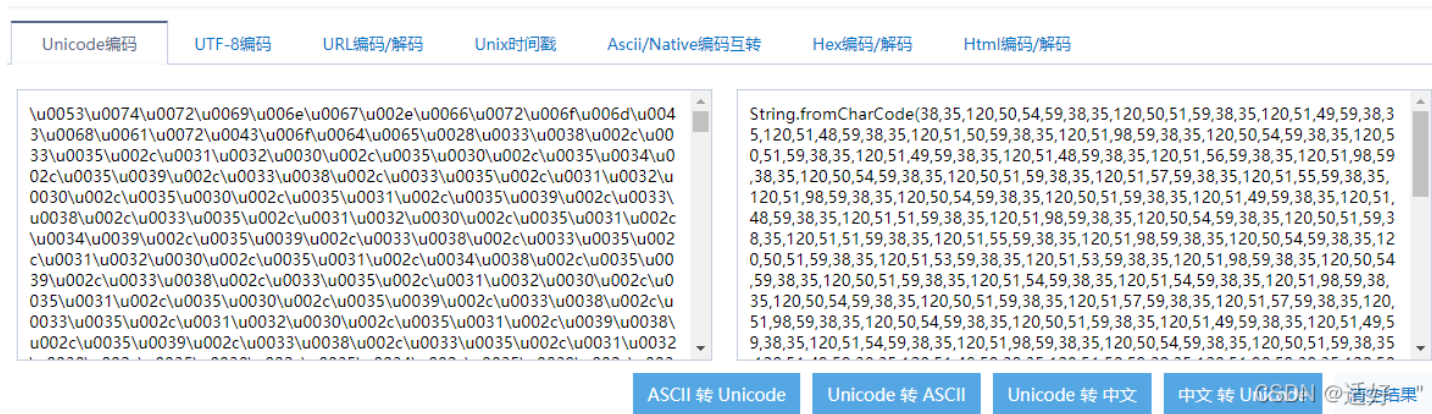


```
\u0053\u0074\u0072\u0069\u006e\u0067\u002e\u0066\u0072\u006f\u006d\u0043\u0068
\u0061\u0072\u0043\u006f\u0064\u0065\u0028\u0033\u0038\u002c\u0033\u0035\u002c
u0031\u0032\u0030\u002c\u0035\u0030\u002c\u0035\u0034\u002c\u0035\u0039\u002c
u0033\u0038\u002c\u0033\u0035\u002c\u0031\u0032\u0030\u002c\u0035\u0030\u002c
u0035\u0031\u002c\u0035\u0039\u002c\u0033\u0038\u002c\u0033\u0035\u002c\u0031
u0032\u0030\u002c\u0035\u0031\u002c\u0034\u0039\u002c\u0035\u0039\u002c\u0033
u0038\u002c\u0033\u0035\u002c\u0031\u0032\u0030\u002c\u0035\u0031\u002c\u0034
u0038\u002c\u0035\u0039\u002c\u0033\u0038\u002c\u0033\u0035\u002c\u0031\u0032
u0030\u002c\u0035\u0031\u002c\u0035\u0030\u002c\u0035\u0039\u002c\u0033\u0038
u002c\u0033\u0035\u002c\u0031\u0032\u0030\u002c\u0035\u0031\u002c\u0039\u0038
\u002c\u0035\u0039\u002c\u0033\u0038\u002c\u0033\u0035\u002c\u0031\u0032\u0030
u002c\u0035\u0030\u0030\u002c\u0035\u0034\u002c\u0035\u0039\u002c\u0033\u0038\u002c
```

USDP @ 适好

再拿去unicode解码

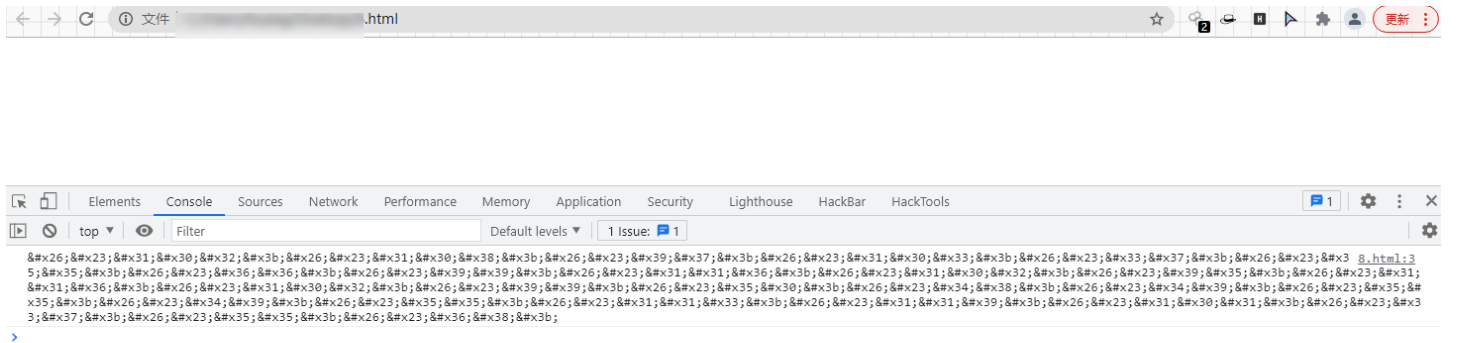
<http://tool.chinaz.com/tools/unicode.aspx>



直接写到html文件里

```
<script>
var A=String.fromCharCode(38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,49,59,38,35,120,51,48,59,38,35,120,
51,50,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,49,59,38,35,120,51,48,59,38,35,12
0,51,56,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,57,59,38,35,120,51,55,59,38,35,
120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,49,59,38,35,120,51,48,59,38,35,120,51,51,59,38,3
5,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,51,59,38,35,120,51,55,59,38,35,120,51,98,59,38
,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,53,59,38,35,120,51,53,59,38,35,120,51,98,59,38,35,120,50,54,59,
38,35,120,50,51,59,38,35,120,51,54,59,38,35,120,51,54,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,5
9,38,35,120,51,57,59,38,35,120,51,57,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,49
,59,38,35,120,51,49,59,38,35,120,51,54,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,
49,59,38,35,120,51,48,59,38,35,120,51,50,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,5
1,57,59,38,35,120,51,53,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,49,59,38,35,120
,51,49,59,38,35,120,51,54,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,49,59,38,35,1
20,51,48,59,38,35,120,51,50,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,57,59,38,35
,120,51,57,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,53,59,38,35,120,51,48,59,38,
35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,52,59,38,35,120,51,56,59,38,35,120,51,98,59,3
8,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,52,59,38,35,120,51,57,59,38,35,120,51,98,59,38,35,120,50,54,59
,38,35,120,50,51,59,38,35,120,51,53,59,38,35,120,51,53,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,
59,38,35,120,51,52,59,38,35,120,51,57,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,5
3,59,38,35,120,51,53,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,49,59,38,35,120,51
,49,59,38,35,120,51,51,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,49,59,38,35,120,
51,49,59,38,35,120,51,57,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,49,59,38,35,12
0,51,48,59,38,35,120,51,49,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,51,59,38,35,
120,51,55,59,38,35,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,53,59,38,35,120,51,53,59,38,3
5,120,51,98,59,38,35,120,50,54,59,38,35,120,50,51,59,38,35,120,51,54,59,38,35,120,51,56,59,38,35,120,51,98,59);
console.log(A);
</script>
```

获得转换后的字符串



CSDN @适好 "

html解码

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 **Html编码/解码**

```
&#x26;&#x23;&#x31;&#x30;&#x32;&#x3b;&#x26;&#x23;&#x31;&#x30;&#x38;&#x3b;&#x26;&#x23;&#x39;&#x37;&#x3b;&#x26;&#x23;&#x31;&#x30;&#x33;&#x3b;&#x26;&#x23;&#x33;&#x37;&#x3b;&#x26;&#x23;&#x35;&#x35;&#x3b;&#x26;&#x23;&#x36;&#x36;&#x3b;&#x26;&#x23;&#x39;&#x39;&#x3b;&#x26;&#x23;&#x31;&#x31;&#x36;&#x3b;&#x26;&#x23;&#x30;&#x32;&#x3b;&#x26;&#x23;&#x31;&#x30;&#x32;&#x3b;&#x26;&#x23;&#x39;&#x35;&#x3b;&#x26;&#x23;&#x31;&#x31;&#x36;&#x3b;&#x26;&#x23;&#x30;&#x32;&#x3b;&#x26;&#x23;&#x39;&#x39;&#x3b;&#x26;&#x23;&#x3b;&#x26;&#x23;&#x35;&#x30;&#x3b;&#x26;&#x23;&#x34;&#x38;&#x3b;&#x26;&#x23;&#x34;&#x39;&#x3b;&#x26;&#x23;&#x35;&#x35;&#x3b;&#x26;&#x23;&#x31;&#x31;&#x33;&#x3b;&#x26;&#x23;&#x31;&#x31;&#x39;&#x3b;&#x26;&#x23;&#x31;&#x30;&#x31;&#x3b;&#x26;&#x23;&#x33;&#x37;&#x3b;&#x26;&#x23;&#x35;&#x35;&#x3b;&#x26;&#x23;&#x36;&#x38;&#x3b;
```

HtmlEncode编码 HtmlDecode解码 清空结果
CSDN @适好 "

再解一次

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 **Html编码/解码**

```
&#102;&#108;&#97;&#103;&#37;&#55;&#66;&#99;&#116;&#102;&#95;&#116;&#102;&#99;&#50;&#48;&#49;&#55;&#49;&#55;&#113;&#119;&#101;&#37;&#55;&#68;
```

HtmlEncode编码 HtmlDecode解码 清空结果
CSDN @适好 "

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 **Html编码/解码**

flag%7Bctf_tfc201717qwe%7D

HtmlEncode编码 HtmlDecode解码 清空结果

CSDN @适好

旁边url再解一下获得flag

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 Html编码/解码

flag{ctf_tfc201717qwe}

utf-8 UrlEncode编码 UriDecode解码 清空结果

CSDN @适好

一段Base64 **Crypto** 未解决 分数: 25 金币: 1

题目作者: harry

一血: H3rmesk1t

一血奖励: 2金币


解决: 954

提示:

描述: flag格式: flag{xxxxxxxxxxxxx}

其他: [下载](#)

flag{ctf_tfc201717qwe}



恭喜您, Flag正确

OK

CSDN @适好