

# 2015广州强网杯 小心猪圈

原创

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题目内容:

R29kIGpvYjo1NzY1NkM2QzIwNjQ2RjZFNjUzQTRBMzU1ODQ3NTkzNjRBNDk0RTM1NTg0NzRCNDk0NDU0NEy1MjUzNTg0MTQ5NDQ0MjRGMzU1MTU4NTM0RjUzNTI0NzQ5MzQ1ODRCNTc1MjU0NEE0QTU1NDc0OTUzNDM1NzRGNEU0RDU2NTE1NTU0NTE0RDQ5NUE0NDRCMzY1MzUwNEU1NTM0NTc1NTU5NEM0RjQ5NDkzZmUzNEIzMzRDNTU0RjQyNTI1NzMyMzQ0MjU0NEQ0QTRDNTQ1MTM1NDQ0MzQ3NEEzNDQ4NDc1OTRDNEE0NzQ2MzI1NzQ1NTYzMzU5NDc0RTQ3NDY0RjM0NDQ1NzRENTY0NDU3NTczNTQ0NDU0OTM0NTk1ODRENTk1MzQ4NDc1NjM0NTc0NTMzNEE1QTQ3NDI1MzQ3MzI0RDRDMzI0RDVBNDk1NDMyNTA0OTNE

解题思路:

1. 观察密文特点, 有英文大小写, 还有数字, 有点base64的感觉。base64解密得:

```
God job: 57656C6C20646F6E653A4A35584759364A414E3558474B49444544F525358414944424F355158534F5352474934584B5752544A4A5547495343574F4E4D56515554514D495A444B3653504E55345755594C4F494933574B334C554F425257323442544D4A4C5451354443474A344847594C4A4746325745563359474E47464F3444574D56445757354445493459584D5953484756345745334A5A47425347324D4C324D5A49543250493D
```

```
R29kIGpvYj01NzY1NkM2QzIWNjQ2RjZFNjUzQTRBMzU1ODQ3NTkzNjRBNDc0RTM1NTg0NzRCNDk0NDU0NEY1MjUzNTg0MTQ5NDQ0MjRGMzU1MTU4NTM0RjUzNTI0NzQ5MzQ1ODRCNTc1MjU0NEE0QTU1NDc0OTUzNDM1NzRGNEU0RDU2NTE1NTU0NTE0RDQ5NUE0NDRCMzY1MzUwNEU1NTM0NTc1NTU5NEM0RjQ5NDkzMzU3NEIzMzRDNTU0RjQyNTI1NzMyMzQ0MjU0NEQ0QTRDNTE1MTM1NDQ0MzQ3NEEzNDQ4NDc1OTRDNEE0NzQ2MzI1NzQ1NTYzMzU5NDc0RTQ3NDY0RjM0NDQ1NzRENTY0NDU3NTczNTQ0NDU0OTM0NTk1ODRENk1MzQ4NDc1NjM0NTc0NTMzNEE1QTQ3NDI1MzQ3MzI0RDRDMzI0RDVBNDk1NDMyNTA0OTNE
```

编码 base64 字符集 utf8(unicode编码)

编码 解码

```
God
job:57656C6C20646F6E653A4A35584759364A414E3558474B4944544F525358414944424F355158534F5352474934584B5752544A4A5547495343574F4E4D5651555
4514D495A444B3653504E55345755594C4F494933574B334C554F425257323442544D4A4C5451354443474A344847594C4A4746325745563359474E47464F3444574D
56445757354445493459584D5953484756345745334A5A47425347324D4C324D5A49543250493D
```

2.

果然有点base64的感觉，再次观察解密结果，数字从0-9，全大写英文字母且没有超过F。这不就是base16加密嘛。

解密得到: Well

```
done:J5XGY6JAN5XGKIDORSXAIDBO5QXSOSRG4XKWRTJJUGISCWONMVQUTQMIZDK6SPNU4WUYLOI13WK3LUOBR
W24BTMJLTQ5DCGJ4HGylJGF2WEV3YGNNGFO4DWMVDWW5DE4YXMYSHGV4WE3JZGBSG2ML2MZIT2PI=
```

3.

看到上面的解密结果，第一眼以为是再次base64解密。发现错误，原来是base32解密（大写英文字母A-Z,数字2-7），解密得到:

```
Only one step away:Q29uZ3JhdHVzYXRpb25zOm9janB7emptcmp3bW8tb2xsai1ubWx3LWpveGktdG1vbG5ybml90dm1zfQ==
```

4.

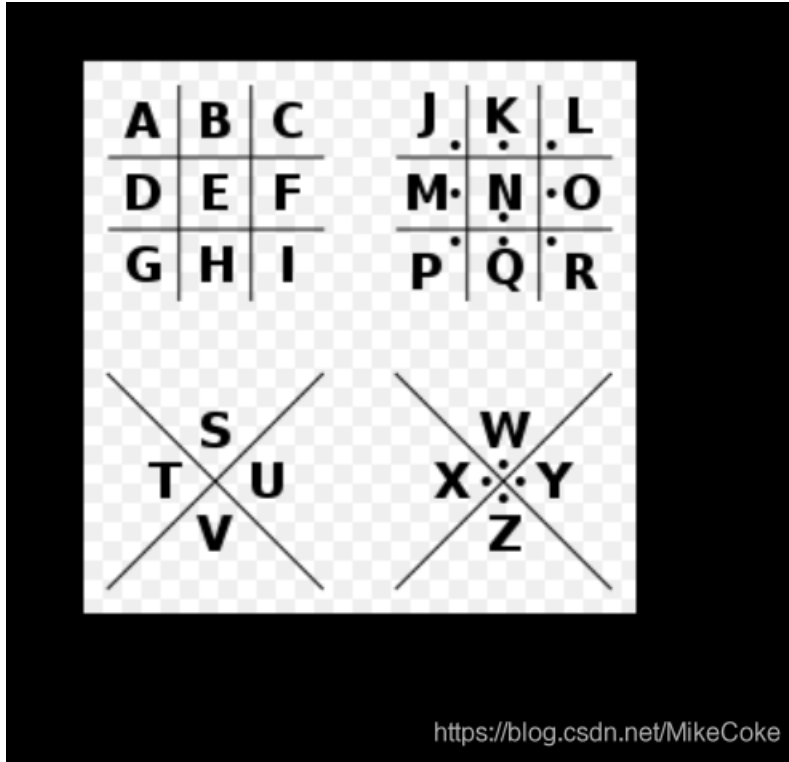
最后一步直接base64解密得到:

```
Congratulations:ocjp{zkirjwmo-ollj-nmlw-joxi-tmolnrmotvms}
```

有flag{}的格式了。

5.

别忘了题目说小心猪圈；还有猪圈加密，百度百科得到猪圈加密转换表：



对比表格：

`ocjp{zkirjwmo-ollj-nmlw-joxi-tmolnrnotvms}`

ocjp换成“flag”

‘o’ - ‘f’

‘c’ - ‘l’

‘j’ - ‘a’

‘p’ - ‘g’

得到`flag{vbriasdf-fcca-edcs-aftr-xdfceiefxzd}`