

wechall Training: Crypto - Caesar II (Crypto, Training)

原创

hhhhorz 于 2019-05-09 17:01:43 发布 1049 收藏

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订阅专栏

Crypto - Caesar II

I guess you are done with Caesar I, aren't you?

The big problem with caesar is that it does not allow digits or other characters.

I have fixed this, and now I can use any ascii character in the plaintext.

The keyspace has increased from 26 to 128 too. \o/

Enjoy!

```
45 6D 6D 62 20 68 6D 60 2A 20 77 6D 73 20 71 6D
6A 74 63 62 20 6D 6C 63 20 6B 6D 70 63 20 61 66
5F 6A 6A 63 6C 65 63 20 67 6C 20 77 6D 73 70 20
68 6D 73 70 6C 63 77 2C 20 52 66 67 71 20 6D 6C
63 20 75 5F 71 20 64 5F 67 70 6A 77 20 63 5F 71
77 20 72 6D 20 61 70 5F 61 69 2C 20 55 5F 71 6C
25 72 20 67 72 3D 20 2F 30 36 20 69 63 77 71 20
67 71 20 5F 20 6F 73 67 72 63 20 71 6B 5F 6A 6A
20 69 63 77 71 6E 5F 61 63 2A 20 71 6D 20 67 72
20 71 66 6D 73 6A 62 6C 25 72 20 66 5F 74 63 20
72 5F 69 63 6C 20 77 6D 73 20 72 6D 6D 20 6A 6D
6C 65 20 72 6D 20 62 63 61 70 77 6E 72 20 72 66
67 71 20 6B 63 71 71 5F 65 63 2C 20 55 63 6A 6A
20 62 6D 6C 63 2A 20 77 6D 73 70 20 71 6D 6A 73
72 67 6D 6C 20 67 71 20 66 63 6C 71 6A 70 62 62
63 6E 66 65 2C
```

解题思路:

python实现16进制转换为10进制, 再从0-127循环移位, 之后转换为字符进行拼接

#16进制--->10进制--->ASCII码--->从0-127循环移位

```
num = "31 59 59 4E 20 54 59 4C 16 20 63 59 5F 20 5D 59 56 60 4F 4E 20 59 58 4F 20 57 59 5C 4F 20 4D 52 4B 5"
hnum = num.split(' ') #密文以空格分隔，存在列表中

onum = []

for i in hnum:
    onum.append(int(i,16)) #密文转换成10进制数

for i in range(128): #循环移位
    a = []
    for j in onum:
        a.append(chr(j+i)) #转化为字符
    a1 = "".join(a) #字符拼接为字符串
    print(a1)
    print("\n")
```

运行结果:

```
Prnc5ina+5xnt5rnkudc5mmd5lmgd5bg kkdmdf5hm5xntq5intqmdx-5Sghr5nmd5v r9e hqkx5d rx5sn5bq bj-5V rm&s5hs>50175jdxr5hr5 5pths5r1`kk5jdxr`bd+5rn5hs5rgntkcm&s5g`ud5s`jdm5xnt5enn5kmmf5sn5edbqxos5sghr5ldrr`fd-5
Vdkk5cnmd+5xntq5rnktshms5hr5gdmr kqccdogf-

Good6job,6you6solved6one6more6challenge6in6your6journey.6This6one6was6fairly6easy6to6crack.6Wasn't6it?61286keys6is6a6quite6small6keyspace,6so6it6shoul6dn't6have6taken6you6too6long6to6decrypt6this6message.6
Well6done,6your6solution6is6hens1rddephg.

Hppe7kpe-7zpv7tpmw7epof7npsf7dibmmfohf7jo7zpv7kpvsofz/7Ui jt7pof7xbt7gbj smz7fbtz7up7dsbd1/7Xbto(u7ju@72397lftz7jt7b7rv ju7tnbmm7lftz7qbd7-7tp7 ju7tipvmeo(u7ibwf7ublf7zpv7upp7mpoh7up7efd7szqu7ui jt7nft7tbhf/7
xfmm7epof-7zpv7tpmvu7po7jt7ifotmsee7qih/
https://blog.csdn.net/qq_23997471
```

6换成空格即可

```
Good6job,6you6solved6one6more6challenge6in6your6journey.6This6one6was6fairly6easy6to6crack.6Wasn't6it?61286
```

```
Good job, you solved one more challenge in your journey. This one was fairly easy to crack. Wasn't it? 128
```



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