SQL injection vulnerability in "/smsa/student_login.php" in Kashipara Responsive School Management System v3.2.0 allows ATTACKER to execute arbitrary SQL commands via the "username" parameter of Student Login page.

Affected Project: Kashipara (https://www.kashipara.com/)

Official Website: Responsive School Management System

(https://www.kashipara.com/project/php/12362/responsive-school-management-system-php-project-source-code)

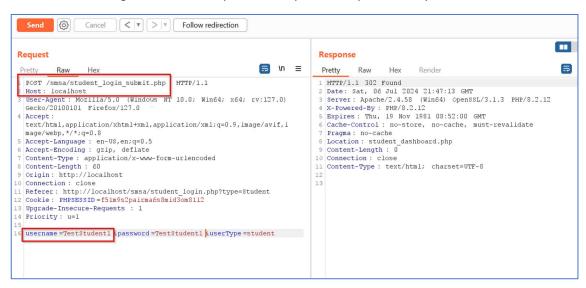
Version: 3.2.0

Related Code file: /smsa/student_login.php

Injection parameter: Student Login request parameter "username" is vulnerable.

Steps:

- 1. Access the Student Login page URL http://localhost/smsa/student_login.php. Enter any random value in "Username" and "Password" text boxes.
- 2. Click on "Login" button and capture the request in Burp Suite Proxy Editor.



- 3. In this login request, the "username" request parameter is vulnerable to SQL injection. This is demonstrated in next steps.
- 4. We will run SQLMAP against the Login request. Command: *sqlmap.py -r req.txt --batch -- flush-session -p username --current-db --current-user --hostname*



```
D:\Tools\SQLMAP\sqlmapproject-sqlmap-79aa315>sqlmap.py -r req.txt --batch --flush-session -p username --current-db
--current-user --hostname
```

5. SQLMAP identifies parameter "username" as vulnerable. Also, SQLMAP successfully lists out the database, current user and hostname.

Solution/Good Reads:

User parameterized SQL queries instead of the dynamic SQL queries.

https://cheatsheetseries.owasp.org/cheatsheets/SQL Injection Prevention Cheat Sheet.html