SQL injection in ADOdb PostgreSQL driver pg_insert_id() method

Critical **dregad** published **GHSA-8x27-jwjr-8545** 2 days ago

Package	Affected versions	Patched versions
php **adodb/adodb-php** (Composer)	<=5.22.8	5.22.9

Description

Improper escaping of a query parameter may allow an attacker to execute arbitrary SQL statements when the code using ADOdb connects to a PostgreSQL database and calls pg_insert_id() with user-supplied data.

Note that the indicated Severity corresponds to a worst-case usage scenario.

Impact

PostgreSQL drivers (postgres64, postgres7, postgres8, postgres9).

Patches

Vulnerability is fixed in ADOdb 5.22.9 (`11107d6`).

Workarounds

Only pass controlled data to pg_insert_id() method's $fieldname parameter, or escape it with pg_escape_identifier() first.

References

- Issue #1070
- Blog post by Marco Nappi

Credits

Thanks to Marco Nappi (**@mrcnpp**) for reporting this vulnerability.

Severity

Critical 10.0 / 10

CVSS v3 base metrics

Attack vector	Network
Attack complexity	Low
Privileges required	None
User interaction	None
Scope	Changed
Confidentiality	High
Integrity	High
Availability	Low

Learn more about base metrics

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:L

CVE ID

CVE-2025-46337

Weaknesses

CWE-89

Credits

mrcnpp Finder

dregad Remediation developer