



# CVE-2023-39418

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2023-39418
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-08-11 13:15:00 UTC
<b>Updated</b>	2023-11-14 14:15:00 UTC
<b>Description</b>	A vulnerability was found in PostgreSQL with the use of the MERGE command, which fails to test new rows against row se

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Postgresql	Postgresql	All	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All

## References

Reference	Source
cve-details	MISC
PostgreSQL: CVE-2023-39418: MERGE fails to enforce UPDATE or SELECT row security policies	MISC
git.postgresql.org Git - postgresql.git/commitdiff	MISC
August 2023 PostgreSQL Vulnerabilities in NetApp Products   NetApp Product Security	MISC
Debian -- Security Information -- DSA-5553-1 postgresql-15	
2228112 -- (CVE-2023-39418) CVE-2023-39418 postgresql: MERGE fails to enforce UPDATE or SELECT row security policies	MISC
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

161232 Oracle Enterprise Linux Security Update for postgresql:15 (ELSA-2023-7785)

161253 Oracle Enterprise Linux Security Update for postgresql:15 (ELSA-2023-7884)

199665 Ubuntu Security Notification for PostgreSQL Vulnerabilities (USN-6296-1)

242614 Red Hat Update for postgresql:15 (RHSA-2023:7785)

242634 Red Hat Update for postgresql:15 (RHSA-2023:7885)

242636 Red Hat Update for postgresql:15 (RHSA-2023:7883)

242657 Red Hat Update for postgresql:15 (RHSA-2023:7884)

356538 Amazon Linux Security Advisory for postgresql15 : ALAS2023-2023-387

503280 Alpine Linux Security Update for postgresql

503281 Alpine Linux Security Update for postgresql13

503282 Alpine Linux Security Update for postgresql14

503283 Alpine Linux Security Update for postgresql12

503284 Alpine Linux Security Update for postgresql15

505920 Alpine Linux Security Update for postgresql15

506163 Alpine Linux Security Update for postgresql13

506165 Alpine Linux Security Update for postgresql14

6000322 Debian Security Update for postgresql-15 (DSA 5553-1)

691229 Free Berkeley Software Distribution (FreeBSD) Security Update for postgresql (59a43a73-3786-11ee-94b4-6cc21735f730)

754278 SUSE Enterprise Linux Security Update for postgresql15 (SUSE-SU-2023:3342-1)

941510 AlmaLinux Security Update for postgresql:15 (ALSA-2023:7785)

941512 AlmaLinux Security Update for postgresql:15 (ALSA-2023:7884)

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