



# CVE-2023-2455

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

## Summary

<b>CVE</b>	CVE-2023-2455
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-06-09 19:15:00 UTC
<b>Updated</b>	2023-07-06 19:15:00 UTC
<b>Description</b>	Row security policies disregard user ID changes after inlining; PostgreSQL could permit incorrect policies to be applied in c

## Risk And Classification

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

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	38	All	All	All
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
Application	Redhat	Software Collections	-	All	All	All

## References

Reference	Source	Link	Tags
cve-details	MISC	<a href="https://access.redhat.com">access.redhat.com</a>	
PostgreSQL: CVE-2023-2455: Row security policies disregard user ID changes after inlining	MISC	<a href="https://www.postgresql.org">www.postgresql.org</a>	
403 Forbidden	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical,

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

<a href="#">160753</a> Oracle Enterprise Linux Security Update for postgresql (ELSA-2023-3714)
<a href="#">160823</a> Oracle Enterprise Linux Security Update for 15 (ELSA-2023-4327)
<a href="#">160851</a> Oracle Enterprise Linux Security Update for postgresql:12 (ELSA-2023-4535)
<a href="#">160855</a> Oracle Enterprise Linux Security Update for postgresql:13 (ELSA-2023-4527)
<a href="#">160865</a> Oracle Enterprise Linux Security Update for postgresql:10 (ELSA-2023-4539)
<a href="#">160930</a> Oracle Enterprise Linux Security Update for postgresql:15 (ELSA-2023-5269)
<a href="#">181779</a> Debian Security Update for postgresql-13 (DSA 5401-1)
<a href="#">181785</a> Debian Security Update for postgresql-11 (DLA 3422-1)
<a href="#">184042</a> Debian Security Update for postgresql-15 (CVE-2023-2455)
<a href="#">199364</a> Ubuntu Security Notification for PostgreSQL Vulnerabilities (USN-6104-1)
<a href="#">241734</a> Red Hat Update for postgresql (RHSA-2023:3714)
<a href="#">241866</a> Red Hat Update for rh-postgresql12-postgresql (RHSA-2023:4313)
<a href="#">241869</a> Red Hat Update for postgresql:15 (RHSA-2023:4327)
<a href="#">241925</a> Red Hat Update for postgresql:10 (RHSA-2023:4539)
<a href="#">241935</a> Red Hat Update for postgresql:13 (RHSA-2023:4527)
<a href="#">241942</a> Red Hat Update for postgresql:12 (RHSA-2023:4535)
<a href="#">242069</a> Red Hat Update for postgresql:15 (RHSA-2023:5269)
<a href="#">242527</a> Red Hat Update for postgresql (RHSA-2023:7545)
<a href="#">242534</a> Red Hat Update for postgresql:13 (RHSA-2023:7580)
<a href="#">242546</a> Red Hat Update for postgresql:12 (RHSA-2023:7666)
<a href="#">242547</a> Red Hat Update for postgresql:12 (RHSA-2023:7667)
<a href="#">242550</a> Red Hat Update for postgresql:13 (RHSA-2023:7695)
<a href="#">242552</a> Red Hat Update for postgresql:12 (RHSA-2023:7694)
<a href="#">242592</a> Red Hat Update for rh-postgresql13-postgresql (RHSA-2023:7772)
<a href="#">356172</a> Amazon Linux Security Advisory for postgresql : ALASPOSTGRESQL13-2023-001
<a href="#">356278</a> Amazon Linux Security Advisory for postgresql : ALASPOSTGRESQL12-2023-001
<a href="#">356294</a> Amazon Linux Security Advisory for postgresql : ALASPOSTGRESQL11-2023-001
<a href="#">356297</a> Amazon Linux Security Advisory for postgresql : ALASPOSTGRESQL14-2023-001
<a href="#">356475</a> Amazon Linux Security Advisory for postgresql : ALASPOSTGRESQL13-2023-001

<a href="#">356475</a> Amazon Linux Security Advisory for postgresql : ALAS2023-2023-001
<a href="#">356538</a> Amazon Linux Security Advisory for postgresql15 : ALAS2023-2023-387
<a href="#">378894</a> Alibaba Cloud Linux Security Update for postgresql:13 (ALINUX3-SA-2023:0109)
<a href="#">503001</a> Alpine Linux Security Update for postgresql
<a href="#">503002</a> Alpine Linux Security Update for postgresql
<a href="#">503003</a> Alpine Linux Security Update for postgresql13
<a href="#">503004</a> Alpine Linux Security Update for postgresql14
<a href="#">503005</a> Alpine Linux Security Update for postgresql12
<a href="#">503006</a> Alpine Linux Security Update for postgresql15
<a href="#">503007</a> Alpine Linux Security Update for postgresql12
<a href="#">505795</a> Alpine Linux Security Update for postgresql12
<a href="#">505796</a> Alpine Linux Security Update for postgresql13
<a href="#">673920</a> EulerOS Security Update for postgresql (EulerOS-SA-2023-3146)
<a href="#">691166</a> Free Berkeley Software Distribution (FreeBSD) Security Update for postgresql (4b636f50-f011-11ed-bbae-6cc21735f730)
<a href="#">754006</a> SUSE Enterprise Linux Security Update for postgresql15 (SUSE-SU-2023:2207-1)
<a href="#">754007</a> SUSE Enterprise Linux Security Update for postgresql15 (SUSE-SU-2023:2206-1)
<a href="#">754008</a> SUSE Enterprise Linux Security Update for postgresql14 (SUSE-SU-2023:2205-1)
<a href="#">754010</a> SUSE Enterprise Linux Security Update for postgresql14 (SUSE-SU-2023:2202-1)
<a href="#">754011</a> SUSE Enterprise Linux Security Update for postgresql13 (SUSE-SU-2023:2201-1)
<a href="#">754012</a> SUSE Enterprise Linux Security Update for postgresql12 (SUSE-SU-2023:2200-1)
<a href="#">754013</a> SUSE Enterprise Linux Security Update for postgresql12 (SUSE-SU-2023:2199-1)
<a href="#">754014</a> SUSE Enterprise Linux Security Update for postgresql12 (SUSE-SU-2023:2198-1)
<a href="#">754016</a> SUSE Enterprise Linux Security Update for postgresql13 (SUSE-SU-2023:2219-1)
<a href="#">941148</a> AlmaLinux Security Update for postgresql (ALSA-2023:3714)
<a href="#">941204</a> AlmaLinux Security Update for postgresql:15 (ALSA-2023:4327)
<a href="#">941224</a> AlmaLinux Security Update for postgresql:12 (ALSA-2023:4535)
<a href="#">941225</a> AlmaLinux Security Update for postgresql:13 (ALSA-2023:4527)
<a href="#">941226</a> AlmaLinux Security Update for postgresql:10 (ALSA-2023:4539)
<a href="#">941260</a> AlmaLinux Security Update for postgresql:15 (ALSA-2023:5269)

[960966](#) Rocky Linux Security Update for postgresql:15 (RLSA-2023:4327)

[961028](#) Rocky Linux Security Update for postgresql:12 (RLSA-2023:4535)

[961043](#) Rocky Linux Security Update for postgresql:13 (RLSA-2023:4527)

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