



# CVE-2023-5870

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

## Summary

<b>CVE</b>	CVE-2023-5870
<b>State</b>	RESERVED
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-12-10 18:15:00 UTC
<b>Updated</b>	2024-01-25 09:15:00 UTC
<b>Description</b>	** RESERVED ** This candidate has been reserved by an organization or individual that will use it when announcing a new

## 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
Application	Postgresql	Postgresql	16.0	All	All	All
Application	Redhat	Codeready Linux Builder Eus	9.2	All	All	All
Application	Redhat	Codeready Linux Builder Eus For Power Little Endian Eus	9.0_ppc64le	All	All	All
Application	Redhat	Codeready Linux Builder Eus For Power Little Endian Eus	9.2_ppc64le	All	All	All
Application	Redhat	Codeready Linux Builder For Arm64 Eus	8.6_aarch64	All	All	All
Application	Redhat	Codeready Linux Builder For Arm64 Eus	9.0_aarch64	All	All	All
Application	Redhat	Codeready Linux Builder For Arm64 Eus	9.2_aarch64	All	All	All
Application	Redhat	Codeready Linux Builder For Ibm Z Systems Eus	9.0_s390x	All	All	All
Application	Redhat	Codeready Linux Builder For Ibm Z Systems Eus	9.2_s390x	All	All	All
Application	Redhat	Codeready Linux Builder For Power Little Endian Eus	9.0_ppc64le	All	All	All
Application	Redhat	Codeready Linux Builder For Power Little Endian Eus	9.2_ppc64le	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.6	All	All	All
Operating System	Redhat	Enterprise Linux Eus	8.8	All	All	All
Operating System	Redhat	Enterprise Linux Eus	9.0	All	All	All

Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Eus</a>	9.2	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Arm 64</a>	8.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Arm 64</a>	8.8_aarch64	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Ibm Z Systems</a>	8.0_s390x	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Ibm Z Systems Eus</a>	8.6_s390x	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Ibm Z Systems Eus</a>	8.8_s390x	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Ibm Z Systems Eus</a>	9.0_s390x	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Ibm Z Systems Eus</a>	9.2_s390x	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Power Little Endian</a>	8.0_ppc64le	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Power Little Endian Eus</a>	8.6_ppc64le	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Power Little Endian Eus</a>	8.8_ppc64le	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Power Little Endian Eus</a>	9.0_ppc64le	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux For Power Little Endian Eus</a>	9.2_ppc64le	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	8.2	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	8.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	8.6	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	9.2	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	8.2	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	8.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	8.6	All	All	All
Application	<a href="#">Redhat</a>	<a href="#">Software Collections</a>	1.0	All	All	All

## References

Reference	Source	Li
Red Hat		ac
Red Hat		ac
Red Hat		ac
Red Hat		ac
Red Hat		ac
Red Hat		ac
PostgreSQL: PostgreSQL 16.1, 15.5, 14.10, 13.13, 12.17, and 11.22 Released!		wv
Red Hat		ac
Red Hat		ac
Red Hat		ac
Red Hat		ac

Red Hat		ac
2247170 – (CVE-2023-5870) CVE-2023-5870 postgresql: Role pg_signal_backend can signal certain superuser processes.		bu
Red Hat		ac
Red Hat		ac
PostgreSQL: CVE-2023-5870: Role "pg_signal_backend" can signal certain superuser processes		wv
Red Hat		ac
Red Hat		ac
December 2023 PostgreSQL Vulnerabilities in NetApp Products   NetApp Product Security		se
Red Hat		ac
Red Hat		ac
Red Hat		ac
Red Hat		ac
Red Hat		ac
Red Hat		ac
cve-details		ac
Red Hat		ac
CVE Program record	CVE.ORG	wv
NVD vulnerability detail	NVD	nv

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">161207</a> Oracle Enterprise Linux Security Update for postgresql:13 (ELSA-2023-7581)
<a href="#">161232</a> Oracle Enterprise Linux Security Update for postgresql:15 (ELSA-2023-7785)
<a href="#">161242</a> Oracle Enterprise Linux Security Update for postgresql (ELSA-2023-7784)
<a href="#">161250</a> Oracle Enterprise Linux Security Update for postgresql:12 (ELSA-2023-7714)
<a href="#">161253</a> Oracle Enterprise Linux Security Update for postgresql:15 (ELSA-2023-7884)
<a href="#">199981</a> Ubuntu Security Notification for PostgreSQL Vulnerability (USN-6538-1)
<a href="#">200053</a> Ubuntu Security Notification for PostgreSQL Vulnerabilities (USN-6538-2)
<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="#">242536</a> Red Hat Update for postgresql:13 (RHSA-2023:7581)
<a href="#">242537</a> Red Hat Update for postgresql:13 (RHSA-2023:7579)
<a href="#">242540</a> Red Hat Update for postgresql (RHSA-2023:7616)

[242540](#) Red Hat Update for postgresql (RHSA-2023:7610)

[242546](#) Red Hat Update for postgresql:12 (RHSA-2023:7666)

[242547](#) Red Hat Update for postgresql:12 (RHSA-2023:7667)

[242550](#) Red Hat Update for postgresql:13 (RHSA-2023:7695)

[242552](#) Red Hat Update for postgresql:12 (RHSA-2023:7694)

[242558](#) Red Hat Update for postgresql:12 (RHSA-2023:7714)

[242591](#) Red Hat Update for rh-postgresql12-postgresql (RHSA-2023:7770)

[242592](#) Red Hat Update for rh-postgresql13-postgresql (RHSA-2023:7772)

[242611](#) Red Hat Update for postgresql (RHSA-2023:7784)

[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)

[357052](#) Amazon Linux Security Advisory for postgresql : ALAS2POSTGRESQL12-2024-007

[357056](#) Amazon Linux Security Advisory for postgresql : ALAS2POSTGRESQL14-2024-004

[357060](#) Amazon Linux Security Advisory for postgresql : ALAS2POSTGRESQL13-2024-005

[379115](#) Alibaba Cloud Linux Security Update for postgresql:13 (ALINUX3-SA-2023:0139)

[503560](#) Alpine Linux Security Update for postgresql14

[503561](#) Alpine Linux Security Update for postgresql12

[503562](#) Alpine Linux Security Update for postgresql15

[505921](#) Alpine Linux Security Update for postgresql15

[505922](#) Alpine Linux Security Update for postgresql16

[506164](#) Alpine Linux Security Update for postgresql14

[6000321](#) Debian Security Update for postgresql-13 (DSA 5554-1)

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

[6000323](#) Debian Security Update for postgresql-11 (DLA 3651-1)

[673520](#) EulerOS Security Update for postgresql (EulerOS-SA-2024-1289)

[691356](#) Free Berkeley Software Distribution (FreeBSD) Security Update for postgresql (bbb18fcb-7f0d-11ee-94b4-6cc21735f730)

[755251](#) SUSE Enterprise Linux Security Update for postgresql14 (SUSE-SU-2023:4418-1)

755253 SUSE Enterprise Linux Security Update for postgresql, postgresql15, postgresql16 (SUSE-SU-2023:4425-1)
755261 SUSE Enterprise Linux Security Update for postgresql13 (SUSE-SU-2023:4434-1)
755262 SUSE Enterprise Linux Security Update for postgresql12 (SUSE-SU-2023:4433-1)
755269 SUSE Enterprise Linux Security Update for postgresql13 (SUSE-SU-2023:4455-1)
755270 SUSE Enterprise Linux Security Update for postgresql12 (SUSE-SU-2023:4454-1)
755286 SUSE Enterprise Linux Security Update for postgresql14 (SUSE-SU-2023:4479-1)
755294 SUSE Enterprise Linux Security Update for postgresql, postgresql15, postgresql16 (SUSE-SU-2023:4495-1)
755603 SUSE Enterprise Linux Security Update for postgresql, postgresql15, postgresql16 (SUSE-SU-2024:0106-1)
941485 AlmaLinux Security Update for postgresql:13 (ALSA-2023:7581)
941501 AlmaLinux Security Update for postgresql (ALSA-2023:7784)
941508 AlmaLinux Security Update for postgresql:12 (ALSA-2023:7714)
941510 AlmaLinux Security Update for postgresql:15 (ALSA-2023:7785)
941512 AlmaLinux Security Update for postgresql:15 (ALSA-2023:7884)
961088 Rocky Linux Security Update for postgresql:13 (RLSA-2023:7581)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status [status.cve.report](#)**