



CVE-2022-2320

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

Summary

CVE	CVE-2022-2320
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-09-01 21:15:00 UTC
Updated	2024-02-01 02:27:00 UTC
Description	A flaw was found in the Xorg-x11-server. The specific flaw exists within the handling of ProcXkbSetDeviceInfo requests. Th

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	X.org	Xorg-server	21.1.0	All	All	All

References

Reference

- Red Hat Customer Portal - Access to 24x7 support and knowledge
- [server 21.1] Fix CVE-2022-2319, CVE-2022-2320 (1939) · Merge requests · xorg / xserver · GitLab
- Red Hat Customer Portal - Access to 24x7 support and knowledge
- Red Hat Customer Portal - Access to 24x7 support and knowledge
- September 2022 X.Org X Server Vulnerabilities in NetApp Products | NetApp Product Security
- 2106683 – (CVE-2022-2320, ZDI-CAN-16070) CVE-2022-2320 xorg-x11-server: out-of-bounds access in ProcXkbSetDeviceInfo request hanc
- ZDI-22-963 | Zero Day Initiative
- X.Org Security Advisory: July 12, 2022
- xkb: swap XkbSetDeviceInfo and XkbSetDeviceInfoCheck · freedesktop/xorg-xserver@dd8caf3 · GitHub
- Red Hat Customer Portal - Access to 24x7 support and knowledge
- Red Hat Customer Portal - Access to 24x7 support and knowledge
- X.Org X server, XWayland: Multiple Vulnerabilities (GLSA 202210-30) — Gentoo security
- Fix CVE-2022-2319, CVE-2022-2320 (!938) · Merge requests · xorg / xserver · GitLab

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[160023](#) Oracle Enterprise Linux Security Update for xorg-x11-server (ELSA-2022-5905)

[160220](#) Oracle Enterprise Linux Security Update for xorg-x11-server and xorg-x11-server-xwayland (ELSA-2022-7583)

[160269](#) Oracle Enterprise Linux Security Update for xorg-x11-server (ELSA-2022-8221)

[160298](#) Oracle Enterprise Linux Security Update for xorg-x11-server-xwayland (ELSA-2022-8222)

[180917](#) Debian Security Update for xorg-server (DLA 3068-1)

[180918](#) Debian Security Update for xorg-server (DSA 5199-1)

[183307](#) Debian Security Update for xwaylandxorg-server (CVE-2022-2320)

[198854](#) Ubuntu Security Notification for X.Org X Server Vulnerabilities (USN-5510-1)

[240593](#) Red Hat Update for xorg-x11-server (RHSA-2022:5905)

[240841](#) Red Hat Update for xorg-x11-server and xorg-x11-server-xwayland (RHSA-2022:7583)

[240872](#) Red Hat Update for xorg-x11-server (RHSA-2022:8221)

[240883](#) Red Hat Update for xorg-x11-server-xwayland (RHSA-2022:8222)

[257186](#) CentOS Security Update for xorg-x11-server (CESA-2022:5905)

[282936](#) Fedora Security Update for xorg (FEDORA-2022-856bb475b7)

[282937](#) Fedora Security Update for xorg (FEDORA-2022-6807c29d58)

[282983](#) Fedora Security Update for xorg (FEDORA-2022-8e787b2a5c)

[282984](#) Fedora Security Update for xorg (FEDORA-2022-573714ca6b)

[296083](#) Oracle Solaris 11.4 Support Repository Update (SRU) 49.126.2 Missing (CPUOCT2022)

[354077](#) Amazon Linux Security Advisory for xorg-x11-server : ALAS2-2022-1856

[354751](#) Amazon Linux Security Advisory for xorg-x11-server : ALAS-2023-1689

[355062](#) Amazon Linux Security Advisory for xorg-x11-server : AL2012-2023-386

[502430](#) Alpine Linux Security Update for xorg-server

[502970](#) Alpine Linux Security Update for xorg-server

[505837](#) Alpine Linux Security Update for xorg-server

672143 EulerOS Security Update for xorg-x11-server (EulerOS-SA-2022-2452)
672206 EulerOS Security Update for xorg-x11-server (EulerOS-SA-2022-2484)
672227 EulerOS Security Update for xorg-x11-server (EulerOS-SA-2022-2640)
672267 EulerOS Security Update for xorg-x11-server (EulerOS-SA-2022-2672)
672279 EulerOS Security Update for xorg-x11-server (EulerOS-SA-2022-2704)
672334 EulerOS Security Update for xorg-x11-server (EulerOS-SA-2022-2785)
672385 EulerOS Security Update for xorg-x11-server (EulerOS-SA-2022-2750)
710658 Gentoo Linux X.Org X server, XWayland Multiple Vulnerabilities (GLSA 202210-30)
752337 SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2022:2375-1)
752339 SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2022:2369-1)
752343 SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2022:2373-1)
752344 SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2022:2374-1)
752345 SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2022:2370-1)
752346 SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2022:2371-1)
940755 AlmaLinux Security Update for xorg-x11-server and xorg-x11-server-Xwayland (ALSA-2022:7583)
940806 AlmaLinux Security Update for xorg-x11-server-Xwayland (ALSA-2022:8222)
940807 AlmaLinux Security Update for xorg-x11-server (ALSA-2022:8221)
960185 Rocky Linux Security Update for xorg-x11-server and xorg-x11-server-Xwayland (RLSA-2022:7583)
960508 Rocky Linux Security Update for xorg-x11-server-Xwayland (RLSA-2022:8222)
960627 Rocky Linux Security Update for xorg-x11-server (RLSA-2022:8221)

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