



# CVE-2021-4009

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

## Summary

<b>CVE</b>	CVE-2021-4009
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-12-17 17:15:00 UTC
<b>Updated</b>	2023-11-07 03:40:00 UTC
<b>Description</b>	A flaw was found in xorg-x11-server in versions before 21.1.2 and before 1.20.14. An out-of-bounds access can occur in the

## Risk And Classification

### Problem Types: CWE-119

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	11.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	34	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	35	All	All	All
Application	<a href="#">X.org</a>	<a href="#">X Server</a>	All	All	All	All
Application	<a href="#">X.org</a>	<a href="#">X Server</a>	21.1.0	All	All	All
Application	<a href="#">X.org</a>	<a href="#">X Server</a>	21.1.1	All	All	All

## References

Reference	Source	Link
[SECURITY] Fedora 35 Update: xorg-x11-server-1.20.14-1.fc35 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedo</a>
[ANNOUNCE] xorg-server 1.20.14	MISC	<a href="#">lists.x.org</a>
X.Org X server, XWayland: Multiple Vulnerabilities (GLSA 202305-30) — Gentoo security	GENTOO	<a href="#">security.g</a>
X.Org Security Advisory: December 14, 2021	MISC	<a href="#">lists.x.org</a>
[SECURITY] [DLA 2869-1] xorg-server security update	MLIST	<a href="#">lists.debi</a>
[SECURITY] Fedora 35 Update: xorg-x11-server-Xwayland-21.1.4-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedo</a>

[SECURITY] Fedora 35 Update: xorg-x11-server-Xwayland-21.1.4-1.fc35 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org/">lists.fedo</a>
ZDI-21-1548   Zero Day Initiative	MISC	<a href="https://www.zerodayinitiative.com/">www.zer</a>
[SECURITY] Fedora 34 Update: xorg-x11-server-Xwayland-21.1.4-1.fc34 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org/">lists.fedo</a>
[SECURITY] Fedora 34 Update: xorg-x11-server-Xwayland-21.1.4-1.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org/">lists.fedo</a>
[SECURITY] Fedora 34 Update: xorg-x11-server-1.20.14-1.fc34 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org/">lists.fedo</a>
[SECURITY] Fedora 35 Update: xorg-x11-server-1.20.14-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org/">lists.fedo</a>
Debian -- Security Information -- DSA-5027-1 xorg-server	DEBIAN	<a href="https://www.debian.org/">www.deb</a>
[SECURITY] Fedora 34 Update: xorg-x11-server-1.20.14-1.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org/">lists.fedo</a>
January 2022 X.Org X Server Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com/">security.r</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org/">www.cve</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov/">nvd.nist.g</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[159586](#) Oracle Enterprise Linux Security Update for xorg-x11-server (ELSA-2022-0003)

[159803](#) Oracle Enterprise Linux Security Update for xorg-x11-server and xorg-x11-server-xwayland (ELSA-2022-1917)

[178949](#) Debian Security Update for xorg-server (DSA 5027-1)

[178976](#) Debian Security Update for xorg-server (DLA 2869-1)

[183004](#) Debian Security Update for xwaylandxorg-server (CVE-2021-4009)

[198603](#) Ubuntu Security Notification for X.Org X Server Vulnerabilities (USN-5193-1)

[199621](#) Ubuntu Security Notification for X.Org X Server Vulnerabilities (USN-5193-3)

[239982](#) Red Hat Update for xorg-x11-server (RHSA-2022:0003)

[240317](#) Red Hat Update for xorg-x11-server and xorg-x11-server-xwayland (RHSA-2022:1917)

[257140](#) CentOS Security Update for xorg-x11-server (CESA-2022:0003)

[282172](#) Fedora Security Update for xorg (FEDORA-2021-2eb603951b)

[282178](#) Fedora Security Update for xorg (FEDORA-2021-a7fd510294)

[282210](#) Fedora Security Update for xorg (FEDORA-2021-69e96c8f68)

[282214](#) Fedora Security Update for xorg (FEDORA-2021-664a6554a1)

[296061](#) Oracle Solaris 11.4 Support Repository Update (SRU) 42.113.1 Missing (CPUJAN2022)

[353119](#) Amazon Linux Security Advisory for xorg-x11-server : ALAS2-2022-1744

<a href="#">354703</a> Amazon Linux Security Advisory for xorg-x11-server : ALAS2022-2022-209
<a href="#">355170</a> Amazon Linux Security Advisory for xorg-x11-server : ALAS2023-2023-102
<a href="#">377217</a> Alibaba Cloud Linux Security Update for xorg-x11-server (ALINUX2-SA-2022:0001)
<a href="#">502202</a> Alpine Linux Security Update for xorg-server
<a href="#">502404</a> Alpine Linux Security Update for xwayland
<a href="#">671362</a> EulerOS Security Update for xorg-x11-server (EulerOS-SA-2022-1298)
<a href="#">671388</a> EulerOS Security Update for xorg-x11-server (EulerOS-SA-2022-1314)
<a href="#">671393</a> EulerOS Security Update for xorg-x11-server (EulerOS-SA-2022-1340)
<a href="#">671430</a> EulerOS Security Update for xorg-x11-server (EulerOS-SA-2022-1364)
<a href="#">671492</a> EulerOS Security Update for xorg-x11-server (EulerOS-SA-2022-1480)
<a href="#">671537</a> EulerOS Security Update for xorg-x11-server (EulerOS-SA-2022-1471)
<a href="#">671707</a> EulerOS Security Update for xorg-x11-server (EulerOS-SA-2022-1773)
<a href="#">710738</a> Gentoo Linux X.Org X server, XWayland Multiple Vulnerabilities (GLSA 202305-30)
<a href="#">730409</a> McAfee Web Gateway Multiple Vulnerabilities (WP-4451,WP-4134,WP-4350,WP-4331,WP-4408,WP-4440,WP-4444,WP-4518,WP-4347,WP-4416)
<a href="#">751529</a> SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2021:4122-1)
<a href="#">751530</a> SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2021:4124-1)
<a href="#">751531</a> SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2021:4121-1)
<a href="#">751532</a> SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2021:4120-1)
<a href="#">751533</a> SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2021:4119-1)
<a href="#">751537</a> SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2021:4136-1)
<a href="#">751538</a> OpenSUSE Security Update for xorg-x11-server (openSUSE-SU-2021:4136-1)
<a href="#">751545</a> OpenSUSE Security Update for xorg-x11-server (openSUSE-SU-2021:1606-1)
<a href="#">751754</a> OpenSUSE Security Update for xorg-x11-server (openSUSE-SU-2021:4136-2)
<a href="#">940551</a> AlmaLinux Security Update for xorg-x11-server and xorg-x11-server-Xwayland (ALSA-2022:1917)
<a href="#">960343</a> Rocky Linux Security Update for xorg-x11-server and xorg-x11-server-Xwayland (RLSA-2022:1917)

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