



CVE-2022-46340

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

Summary

CVE	CVE-2022-46340
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-12-14 21:15:00 UTC
Updated	2023-05-30 06:15:00 UTC
Description	A vulnerability was found in X.Org. This security flaw occurs because the swap handler for the XTestFakeInput request of th

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	11.0	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All
Application	X	X.org X11	1.20.4	All	All	All
Application	X.org	X Server	1.20.4	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 37 Update: xorg-x11-server-1.20.14-11.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedo
[SECURITY] Fedora 36 Update: xorg-x11-server-1.20.14-12.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedo
2151755 – (CVE-2022-46340) CVE-2022-46340 xorg-x11-server: X.Org Server XTestSwapFakeInput stack overflow	MISC	bugzilla.r
Debian -- Security Information -- DSA-5304-1 xorg-server	DEBIAN	www.deb
[SECURITY] Fedora 37 Update: xorg-x11-server-1.20.14-12.fc37 - package-announce - Fedora Mailing-Lists	MISC	lists.fedo

[SECURITY] Fedora 37 Update: xorg-x11-server-1.20.14-11.fc37 - package-announce - Fedora Mailing-Lists	MISC	lists.fedo
[SECURITY] Fedora 37 Update: xorg-x11-server-Xwayland-22.1.6-1.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedo
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	access.re
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	access.re
[SECURITY] Fedora 36 Update: xorg-x11-server-1.20.14-12.fc36 - package-announce - Fedora Mailing-Lists	MISC	lists.fedo
[SECURITY] Fedora 37 Update: xorg-x11-server-Xwayland-22.1.6-1.fc37 - package-announce - Fedora Mailing-Lists	MISC	lists.fedo
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	access.re
[SECURITY] Fedora 37 Update: xorg-x11-server-1.20.14-12.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedo
X.Org X server, XWayland: Multiple Vulnerabilities (GLSA 202305-30) — Gentoo security	MISC	security.g
CVE Program record	CVE.ORG	www.cve
NVD vulnerability detail	NVD	nvd.nist.g

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

160370 Oracle Enterprise Linux Security Update for tigervnc (ELSA-2023-0045)
160375 Oracle Enterprise Linux Security Update for xorg-x11-server (ELSA-2023-0046)
160584 Oracle Enterprise Linux Security Update for tigervnc (ELSA-2023-2257)
160631 Oracle Enterprise Linux Security Update for xorg-x11-server (ELSA-2023-2248)
160633 Oracle Enterprise Linux Security Update for xorg-x11-server-xwayland (ELSA-2023-2249)
160654 Oracle Enterprise Linux Security Update for tigervnc (ELSA-2023-2830)
160677 Oracle Enterprise Linux Security Update for xorg-x11-server-xwayland (ELSA-2023-2805)
160679 Oracle Enterprise Linux Security Update for xorg-x11-server (ELSA-2023-2806)
181435 Debian Security Update for xorg-server (DSA 5304-1)
181498 Debian Security Update for xorg-server (DLA 3256-1)
181948 Debian Security Update for xwaylandxorg-server (CVE-2022-46340)
199077 Ubuntu Security Notification for X.Org X Server Vulnerabilities (USN-5778-1)
199494 Ubuntu Security Notification for X.Org X Server Vulnerabilities (USN-5778-2)
241038 Red Hat Update for tigervnc (RHSA-2023:0045)
241039 Red Hat Update for xorg-x11-server (RHSA-2023:0046)
241415 Red Hat Update for xorg-x11-server (RHSA-2023:2248)

241448 Red Hat Update for xorg-x11-server-xwayland (RHSA-2023:2249)
241454 Red Hat Update for tigervnc (RHSA-2023:2257)
241510 Red Hat Update for xorg-x11-server (RHSA-2023:2806)
241514 Red Hat Update for tigervnc (RHSA-2023:2830)
241537 Red Hat Update for xorg-x11-server-xwayland (RHSA-2023:2805)
257215 CentOS Security Update for xorg-x11-server (CESA-2023:0046)
257218 CentOS Security Update for tigervnc (CESA-2023:0045)
283512 Fedora Security Update for xorg (FEDORA-2022-c3a65f7c65)
283535 Fedora Security Update for xorg (FEDORA-2022-721a78b7e5)
283540 Fedora Security Update for xorg (FEDORA-2022-3d88188071)
283559 Fedora Security Update for xorg (FEDORA-2022-dd3eb7e0a8)
354751 Amazon Linux Security Advisory for xorg-x11-server : ALAS-2023-1689
355062 Amazon Linux Security Advisory for xorg-x11-server : AL2012-2023-386
355170 Amazon Linux Security Advisory for xorg-x11-server : ALAS2023-2023-102
377896 Alibaba Cloud Linux Security Update for tigervnc (ALINUX2-SA-2023:0002)
378649 Alibaba Cloud Linux Security Update for xorg-x11-server (ALINUX3-SA-2023:0062)
378653 Alibaba Cloud Linux Security Update for tigervnc (ALINUX3-SA-2023:0063)
379627 Alibaba Cloud Linux Security Update for xorg-x11-server-xwayland (ALINUX3-SA-2024:0044)
502971 Alpine Linux Security Update for xorg-server
502974 Alpine Linux Security Update for xwayland
505838 Alpine Linux Security Update for xorg-server
505841 Alpine Linux Security Update for xwayland
672598 EulerOS Security Update for tigervnc (EulerOS-SA-2023-1340)
672610 EulerOS Security Update for xorg-x11-server (EulerOS-SA-2023-1344)
672786 EulerOS Security Update for xorg-x11-server (EulerOS-SA-2023-1544)
672833 EulerOS Security Update for xorg-x11-server (EulerOS-SA-2023-1569)
672888 EulerOS Security Update for xorg-x11-server (EulerOS-SA-2023-1775)
672938 EulerOS Security Update for xorg-x11-server (EulerOS-SA-2023-1797)
673075 EulerOS Security Update for xorg-x11-server (EulerOS-SA-2023-2180)

673084 EulerOS Security Update for tigervnc (EulerOS-SA-2023-2176)
673169 EulerOS Security Update for xorg-x11-server (EulerOS-SA-2023-2345)
673199 EulerOS Security Update for xorg-x11-server (EulerOS-SA-2023-2325)
691025 Free Berkeley Software Distribution (FreeBSD) Security Update for xorg (9fa7b139-c1e9-409e-bed0-006aadcf5845)
710738 Gentoo Linux X.Org X server, XWayland Multiple Vulnerabilities (GLSA 202305-30)
753006 SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2022:4482-1)
753007 SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2022:4481-1)
753008 SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2022:4479-1)
753009 SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2022:4480-1)
753010 SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2022:4484-1)
753011 SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2022:4483-1)
753750 SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2023:0657-1)
753751 SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2023:0656-1)
753752 SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2023:0655-1)
753762 SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2023:0683-1)
941008 AlmaLinux Security Update for tigervnc (ALSA-2023:2257)
941042 AlmaLinux Security Update for xorg-x11-server (ALSA-2023:2248)
941062 AlmaLinux Security Update for xorg-x11-server-Xwayland (ALSA-2023:2249)
941068 AlmaLinux Security Update for xorg-x11-server (ALSA-2023:2806)
941080 AlmaLinux Security Update for tigervnc (ALSA-2023:2830)
941119 AlmaLinux Security Update for xorg-x11-server-Xwayland (ALSA-2023:2805)

© [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](#)