



# CVE-2021-3472

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## Summary

<b>CVE</b>	CVE-2021-3472
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-04-26 15:15:00 UTC
<b>Updated</b>	2023-11-07 03:38:00 UTC
<b>Description</b>	A flaw was found in xorg-x11-server in versions before 1.20.11. An integer underflow can occur in xserver which can lead to

## Risk And Classification

### Problem Types: CWE-191

## 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>	9.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	32	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	34	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	8.0	All	All	All
Application	<a href="#">X.org</a>	<a href="#">X Server</a>	All	All	All	All

## References

Reference	Source
ZDI-21-463   Zero Day Initiative	MI
[SECURITY] Fedora 34 Update: xorg-x11-server-1.20.11-1.fc34 - package-announce - Fedora Mailing-Lists	FE
[SECURITY] [DLA 2627-1] xorg-server security update	MI
[SECURITY] Fedora 32 Update: xorg-x11-server-1.20.11-1.fc32 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 34 Update: xorg-x11-server-1.20.11-1.fc34 - package-announce - Fedora Mailing-Lists	
X.Org X Server: Privilege escalation (GLSA 202104-02) — Gentoo security	GI

1944167 – (CVE-2021-3472) CVE-2021-3472 xorg-x11-server: XChangeFeedbackControl integer underflow leads to privilege escalation	MI
[SECURITY] Fedora 32 Update: xorg-x11-server-1.20.11-1.fc32 - package-announce - Fedora Mailing-Lists	FE
oss-security - X.Org server security advisory: April 13, 2021	MI
[SECURITY] Fedora 34 Update: xorg-x11-server-Xwayland-21.1.1-1.fc34 - package-announce - Fedora Mailing-Lists	FE
Debian DLA-2627-1 : xorg-server security update	MI
Debian -- Security Information -- DSA-4893-1 xorg-server	DI
Fix XChangeFeedbackControl() request underflow (7aaf54a1) · Commits · xorg / xserver · GitLab	MI
[SECURITY] Fedora 34 Update: xorg-x11-server-Xwayland-21.1.1-1.fc34 - package-announce - Fedora Mailing-Lists	
[SECURITY] Fedora 33 Update: xorg-x11-server-1.20.11-1.fc33 - package-announce - Fedora Mailing-Lists	FE
[SECURITY] Fedora 33 Update: xorg-x11-server-1.20.11-1.fc33 - package-announce - Fedora Mailing-Lists	
X.Org server security advisory: April 13, 2021	MI
oss-sec: X.Org server security advisory: April 13, 2021	MI
CVE Program record	CV
NVD vulnerability detail	NV

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

- [159182](#) Oracle Enterprise Linux Security Update for xorg-x11-server (ELSA-2021-2033)
- [174898](#) SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2021:1179-1)
- [174900](#) SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2021:1181-1)
- [174901](#) SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2021:1180-1)
- [174902](#) SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2021:1182-1)
- [174910](#) SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2021:1188-1)
- [174915](#) SUSE Enterprise Linux Security Update for xorg-x11-server (SUSE-SU-2021:1187-1)
- [178544](#) Debian Security Update for xorg-server (DLA 2627-1)
- [178557](#) Debian Security Update for xorg-server (DSA 4893-1)
- [179585](#) Debian Security Update for xorg-server (CVE-2021-3472)
- [198321](#) Ubuntu Security Notification for X.Org X Server vulnerability (USN-4905-1)
- [239277](#) Red Hat Update for xorg-x11-server (RHSA-2021:2033)
- [257085](#) CentOS Security Update for xorg-x11-server (CESA-2021:2033)
- [281310](#) Fedora Security Update for xorg (FEDORA-2021-f7b4c97879)

<a href="#">281311</a> Fedora Security Update for xorg (FEDORA-2021-139f3fc21c)
<a href="#">281312</a> Fedora Security Update for xorg (FEDORA-2021-112d542766)
<a href="#">281313</a> Fedora Security Update for xorg (FEDORA-2021-0e2981e013)
<a href="#">296053</a> Oracle Solaris 11.4 Support Repository Update (SRU) 35.94.4 Missing (CPUJUL2021)
<a href="#">352281</a> Amazon Linux Security Update for xorg-x11-server: ALAS2-2021-1633
<a href="#">352307</a> Amazon Linux Security Advisory for xorg-x11-server: ALAS-2021-1502
<a href="#">352822</a> Amazon Linux Security Advisory for xorg-x11-server: AL2012-2021-346
<a href="#">377222</a> Alibaba Cloud Linux Security Update for xorg-x11-server (ALINUX2-SA-2021:0030)
<a href="#">500823</a> Alpine Linux Security Update for xorg-server
<a href="#">501944</a> Alpine Linux Security Update for xorg-server
<a href="#">501946</a> Alpine Linux Security Update for xwayland
<a href="#">670212</a> EulerOS Security Update for xorg-x11-server (EulerOS-SA-2021-1863)
<a href="#">670408</a> EulerOS Security Update for xorg-x11-server (EulerOS-SA-2021-1991)
<a href="#">670476</a> EulerOS Security Update for xorg-x11-server (EulerOS-SA-2021-2234)
<a href="#">670682</a> EulerOS Security Update for xorg-x11-server (EulerOS-SA-2021-2440)
<a href="#">670786</a> EulerOS Security Update for xorg-x11-server (EulerOS-SA-2021-2544)
<a href="#">670810</a> EulerOS Security Update for xorg-x11-server (EulerOS-SA-2021-2568)
<a href="#">710012</a> Gentoo Linux X.Org X Server Privilege Escalation Vulnerability (GLSA 202104-02)
<a href="#">730155</a> McAfee Web Gateway Multiple Vulnerabilities(WP-3580, WP-3656, WP-3815, WP-3878, WP-3882, WP-3934,WP-3935, WP-3936, WP-3999)
<a href="#">750266</a> OpenSUSE Security Update for xorg-x11-server (openSUSE-SU-2021:0554-1)

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