



# CVE-2020-14362

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

## Summary

<b>CVE</b>	CVE-2020-14362
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-09-15 19:15:00 UTC
<b>Updated</b>	2022-11-03 20:04:00 UTC
<b>Description</b>	A flaw was found in X.Org Server before xorg-x11-server 1.20.9. An Integer underflow leading to heap-buffer overflow may

## 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="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	14.04	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	6.0	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="#">Xorg-server</a>	All	All	All	All
Application	<a href="#">X.org</a>	<a href="#">Xorg-server</a>	All	All	All	All

## References

### Reference

<a href="#">USN-4488-2: X.Org X Server vulnerabilities   Ubuntu security notices   Ubuntu</a>
<a href="#">X.Org server security advisory: August 25, 2020</a>
<a href="#">ZDI-20-1419   Zero Day Initiative</a>
<a href="#">X.Org X Server: Multiple vulnerabilities (GLSA 202012-01) — Gentoo security</a>
<a href="#">1869144 – (CVE-2020-14362) CVE-2020-14362 xorg-x11-server: XRecordRegisterClients Integer Underflow Privilege Escalation Vulnerability</a>
<a href="#">CVE Program record</a>
<a href="#">NVD vulnerability detail</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[159217](#) Oracle Enterprise Linux Security Update for userspace graphics, xorg-x11, and mesa (ELSA-2021-1804)

[239300](#) Red Hat Update for userspace graphics, xorg-x11, and mesa (RHSA-2021:1804)

[352294](#) Amazon Linux Security Update for xorg-x11-server: AL2012-2021-336

[377209](#) Alibaba Cloud Linux Security Update for xorg-x11-server (ALINUX2-SA-2020:0176)

[377380](#) Alibaba Cloud Linux Security Update for userspace graphics, xorg-x11, and mesa (ALINUX3-SA-2022:0087)

[377568](#) Alibaba Cloud Linux Security Update for userspace graphics, xorg-x11, and mesa (ALINUX3-SA-2022:0114)

[378230](#) Virtuozzo Linux Security Update for xorg-x11-server-Xnest (VZLSA-2020:4953)

[500826](#) Alpine Linux Security Update for xorg-server

[690732](#) Free Berkeley Software Distribution (FreeBSD) Security Update for xorg-server (ffa15b3b-e6f6-11ea-8cbf-54e1ad3d6335)

[730227](#) McAfee Web Gateway Multiple Vulnerabilities (WP-3426, WP-3427, WP-3307, WP-3444, WP-3452, WP-3475)

[940098](#) AlmaLinux Security Update for userspace (ALSA-2021:1804)

[960449](#) Rocky Linux Security Update for userspace (RLSA-2021:1804)

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