



# CVE-2020-25712

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

## Summary

<b>CVE</b>	CVE-2020-25712
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-12-15 17:15:00 UTC
<b>Updated</b>	2020-12-16 21:42:00 UTC
<b>Description</b>	A flaw was found in xorg-x11-server before 1.20.10. A heap-buffer overflow in XkbSetDeviceInfo may lead to a privilege esc

## Risk And Classification

**Problem Types:** CWE-122

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	8.0	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
Application	<a href="#">X.org</a>	<a href="#">X Server</a>	All	All	All	All

## References

Reference
<a href="#">1887276 – (CVE-2020-25712) CVE-2020-25712 xorg-x11-server: XkbSetDeviceInfo heap-based buffer overflow privilege escalation vulnerability</a>
<a href="#">X.Org server security advisory: December 1, 2020</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)

[178657](#) Debian Security Update for caribou (DLA 2675-1)

<a href="#">239300</a> Red Hat Update for userspace graphics, xorg-x11, and mesa (RHSA-2021:1804)
<a href="#">377052</a> Alibaba Cloud Linux Security Update for xorg-x11-server (ALINUX2-SA-2020:0192)
<a href="#">377380</a> Alibaba Cloud Linux Security Update for userspace graphics, xorg-x11, and mesa (ALINUX3-SA-2022:0087)
<a href="#">377568</a> Alibaba Cloud Linux Security Update for userspace graphics, xorg-x11, and mesa (ALINUX3-SA-2022:0114)
<a href="#">500822</a> Alpine Linux Security Update for xorg-server
<a href="#">670935</a> EulerOS Security Update for xorg-x11-server (EulerOS-SA-2021-1019)
<a href="#">690428</a> Free Berkeley Software Distribution (FreeBSD) Security Update for xorg-server (76c8b690-340b-11eb-a2b7-54e1ad3d6335)
<a href="#">730228</a> McAfee Web Gateway Multiple Vulnerabilities (WP-3445, WP-3483, WP-3527, WP-3528, WP-3547, WP-3584, WP-3589, WP-3611)
<a href="#">750510</a> OpenSUSE Security Update for xorg-x11-server (openSUSE-SU-2020:2186-1)
<a href="#">750522</a> OpenSUSE Security Update for xorg-x11-server (openSUSE-SU-2020:2147-1)
<a href="#">940098</a> AlmaLinux Security Update for userspace (ALSA-2021:1804)
<a href="#">960449</a> Rocky Linux Security Update for userspace (RLSA-2021:1804)

© [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](#)