



# CVE-2023-43785

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

## Summary

<b>CVE</b>	CVE-2023-43785
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-10-10 13:15:00 UTC
<b>Updated</b>	2023-11-07 04:21:00 UTC
<b>Description</b>	A vulnerability was found in libX11 due to a boundary condition within the <code>_XkbReadKeySyms()</code> function. This flaw allows a

## Risk And Classification

**Problem Types:** CWE-125

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	38	All	All	All
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>	9.0	All	All	All
Application	<a href="#">X.org</a>	<a href="#">Libx11</a>	All	All	All	All

## References

Reference	Source	Link
2242252 – (CVE-2023-43785) CVE-2023-43785 libX11: out-of-bounds memory access in <code>_XkbReadKeySyms()</code>	MISC	<a href="#">bugzilla.redhat.com</a>
October 2023 libX11 Vulnerabilities in NetApp Products   NetApp Product Security	MISC	<a href="#">security.netapp.com</a>
cve-details	MISC	<a href="#">access.redhat.com</a>
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[199800](#) Ubuntu Security Notification for libx11 Vulnerabilities (USN-6407-1)

<a href="#">199821</a> Ubuntu Security Notification for libx11 Vulnerabilities (USN-6407-2)
<a href="#">285225</a> Fedora Security Update for libX11 (FEDORA-2023-06bff5611a)
<a href="#">296108</a> Oracle Solaris 11.4 Support Repository Update (SRU) 66.164.1 Missing (CPUJAN2024)
<a href="#">356439</a> Amazon Linux Security Advisory for libX11 : ALAS2-2023-2296
<a href="#">356449</a> Amazon Linux Security Advisory for libX11 : ALAS-2023-1859
<a href="#">356542</a> Amazon Linux Security Advisory for libX11 : ALAS2023-2023-383
<a href="#">356979</a> Amazon Linux Security Advisory for libX11 : AL2012-2023-463
<a href="#">503467</a> Alpine Linux Security Update for libx11
<a href="#">505891</a> Alpine Linux Security Update for libx11
<a href="#">6000133</a> Debian Security Update for libx11 (DLA 3602-1)
<a href="#">6000211</a> Debian Security Update for libx11 (DSA 5517-1)
<a href="#">673510</a> EulerOS Security Update for libx11 (EulerOS-SA-2023-3249)
<a href="#">673653</a> EulerOS Security Update for libx11 (EulerOS-SA-2024-1150)
<a href="#">673658</a> EulerOS Security Update for libx11 (EulerOS-SA-2024-1281)
<a href="#">673682</a> EulerOS Security Update for libx11 (EulerOS-SA-2024-1089)
<a href="#">673699</a> EulerOS Security Update for libx11 (EulerOS-SA-2023-3310)
<a href="#">673940</a> EulerOS Security Update for libx11 (EulerOS-SA-2023-3277)
<a href="#">674022</a> EulerOS Security Update for libx11 (EulerOS-SA-2023-3342)
<a href="#">674040</a> EulerOS Security Update for libx11 (EulerOS-SA-2024-1065)
<a href="#">691325</a> Free Berkeley Software Distribution (FreeBSD) Security Update for 11/libx11 Multiple Vulnerabilities (bd92f1ab-690c-11ee-9ed0-001fc69cd6dc)
<a href="#">755028</a> SUSE Enterprise Linux Security Update for libX11 (SUSE-SU-2023:3963-1)
<a href="#">755044</a> SUSE Enterprise Linux Security Update for libX11 (SUSE-SU-2023:3989-1)
<a href="#">907540</a> Common Base Linux Mariner (CBL-Mariner) Security Update for libX11 (31320-1)

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