CVE-2021-31535

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Summary

CVE	CVE-2021-31535
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-05-27 13:15:00 UTC
Updated	2023-11-07 03:34:00 UTC
Description	LookupCol.c in X.Org X through X11R7.7 and libX11 before 1.7.1 might allow remote attackers to execute arbitrary code. T

Risk And Classification

Problem Types: CWE-120

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	33	All	All	All
Application	X.org	Libx11	All	All	All	All
Operating System	X.org	X Window System	All	All	All	All

References

Reference	Source	Lir
Pony Mail!	MLIST	list
Pony Mail!	MLIST	list
[kafka-dev] 20210901 Re: [EXTERNAL] Re: Security vulnerabilities in kafka:2.13-2.6.0/2.7.0 docker image		list
oss-security - libX11 security advisory: May 18, 2021	MISC	ww
Pony Mail!	MLIST	list
libX11 Insufficient Length Check / Injection ≈ Packet Storm	MISC	pa
[kafka-users] 20210901 Re: [EXTERNAL] Re: Security vulnerabilities in kafka:2.13-2.6.0/2.7.0 docker image		list
Debian -- Security Information -- DSA-4920-1 libx11	DEBIAN	ww
Reject string longer than USHRT_MAX before sending them on the wire (8d2e02ae) · Commits · xorg / lib / libX11 · GitLab	MISC	gitl
unparalleled.eu/publications/2021/advisory-unpar-2021-1.txt	MISC	un
oss-security - libx11 API Protocol Command Injection	MISC	ww

The xorg Archives	MISC	list
Pony Mail!	MLIST	list
[kafka-users] 20210831 Security vulnerabilities in kafka:2.13-2.6.0/2.7.0 docker image		list
[SECURITY] Fedora 33 Update: libX11-1.7.2-3.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	list
Using Xterm to Navigate the Huge Color Space	MISC	unp
[SECURITY] [DLA 2666-1] libx11 security update	MLIST	list
Full Disclosure: CVE-2021-31535 libX11 Insufficient Length Checks PoC and Archeology	FULLDISC	sec
[SECURITY] Fedora 33 Update: libX11-1.7.2-3.fc33 - package-announce - Fedora Mailing-Lists		list
oss-security - libX11 security advisory: May 18, 2021	MLIST	ww
X.Org X11 library: Denial of service (GLSA 202105-16) — Gentoo security	GENTOO	sec
libX11 security advisory: May 11, 2021	MISC	list
CVE-2021-31535 X.Org X Vulnerability in NetApp Products | NetApp Product Security	CONFIRM	sec
[kafka-dev] 20210831 Security vulnerabilities in kafka:2.13-2.6.0/2.7.0 docker image		list
CVE Program record	CVE.ORG	ww
NVD vulnerability detail	NVD	nvd

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- 159372 Oracle Enterprise Linux Security Update for libX11 (ELSA-2021-3296)
- 159490 Oracle Enterprise Linux Security Update for libX11 (ELSA-2021-4326)
- 178606 Debian Security Update for libx11 (DLA 2666-1)
- 178619 Debian Security Update for libx11 (DSA 4920-1)
- 178634 Debian Security Update for libx11 (DSA 4920-1)
- 179854 Debian Security Update for libx11 (CVE-2021-31535)
- 198385 Ubuntu Security Notification for libx11 vulnerability (USN-4966-1)
- 239586 Red Hat Update for libX11 (RHSA-2021:3296)
- 239780 Red Hat Update for libx11 (RHSA-2021:4326)
- 257108 CentOS Security Update for libX11 (CESA-2021:3296)
- 281843 Fedora Security Update for libX11 (FEDORA-2021-62bb9998b2)
- 296059 Oracle Solaris 11.4 Support Repository Update (SRU) 36.0.1.101.2 Missing (CPUJUL2021)
- 352474 Amazon Linux Security Advisory for libX11: ALAS-2021-1517

352488 Amazon Linux Security Advisory for libX11: ALAS2-2021-1686

352824 Amazon Linux Security Advisory for libX11: AL2012-2021-348

377071 Alibaba Cloud Linux Security Update for libx11 (ALINUX2-SA-2021:0052)

500335 Alpine Linux Security Update for libx11

501422 Alpine Linux Security Update for libx11

504100 Alpine Linux Security Update for libx11

670647 EulerOS Security Update for libX11 (EulerOS-SA-2021-2405)

670714 EulerOS Security Update for libX11 (EulerOS-SA-2021-2472)

670749 EulerOS Security Update for libX11 (EulerOS-SA-2021-2507)

670776 EulerOS Security Update for libX11 (EulerOS-SA-2021-2534)

670800 EulerOS Security Update for libX11 (EulerOS-SA-2021-2558)

670898 EulerOS Security Update for libX11 (EulerOS-SA-2021-2558)

690123 Free Berkeley Software Distribution (FreeBSD) Security Update for libx11 (58d6ed66-c2e8-11eb-9fb0-6451062f0f7a)

710100 Gentoo Linux X.Org X11 library Denial of service vulnerability (GLSA 202105-16)

750037 SUSE Enterprise Linux Security Update for libX11 (SUSE-SU-2021:1766-1)

750039 SUSE Enterprise Linux Security Update for libX11 (SUSE-SU-2021:1765-1)

750043 SUSE Enterprise Linux Security Update for libX11 (SUSE-SU-2021:1766-1)

750045 SUSE Enterprise Linux Security Update for libX11 (SUSE-SU-2021:1765-1)

750061 SUSE Enterprise Linux Security Update for libX11 (SUSE-SU-2021:1765-1)

750122 SUSE Enterprise Linux Security Update for libX11 (SUSE-SU-2021:1892-1)

750130 SUSE Enterprise Linux Security Update for libX11 (SUSE-SU-2021:1897-1)

750167 OpenSUSE Security Update for libX11 (openSUSE-SU-2021:0857-1)

750186 OpenSUSE Security Update for libX11 (openSUSE-SU-2021:0807-1)

750801 OpenSUSE Security Update for libX11 (openSUSE-SU-2021:1897-1)

905131 Common Base Linux Mariner (CBL-Mariner) Security Update for libX11 (12509)

940177 AlmaLinux Security Update for libX11 (ALSA-2021:4326)

960405 Rocky Linux Security Update for libX11 (RLSA-2021:4326)

CVE.report and Source URL Uptime Status status.cve.report