



# CVE-2013-7439

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

## Summary

<b>CVE</b>	CVE-2013-7439
<b>State</b>	PUBLIC
<b>Assigner</b>	security@ubuntu.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2015-04-16 14:59:00 UTC
<b>Updated</b>	2016-10-18 03:43:00 UTC
<b>Description</b>	Multiple off-by-one errors in the (1) MakeBigReq and (2) SetReqLen macros in include/X11/Xlibint.h in X11R6.x and libX11

## Risk And Classification

**Problem Types:** CWE-189

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.10	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.10	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Application	X.org	Libx11	1.0.1	All	All	All
Application	X.org	Libx11	1.0.2	All	All	All
Application	X.org	Libx11	1.0.3	All	All	All
Application	X.org	Libx11	1.1	All	All	All
Application	X.org	Libx11	1.1	rc1	All	All
Application	X.org	Libx11	1.1	rc2	All	All
Application	X.org	Libx11	1.1.4	All	All	All
Application	X.org	Libx11	1.1.5	All	All	All
Application	X.org	Libx11	1.1.6	All	All	All

Application	X.org	Libx11	1.1.99.1	All	All	All
Application	X.org	Libx11	1.1.99.2	All	All	All
Application	X.org	Libx11	1.2	All	All	All
Application	X.org	Libx11	1.2.1	All	All	All
Application	X.org	Libx11	1.2.2	All	All	All
Application	X.org	Libx11	1.3	All	All	All
Application	X.org	Libx11	1.3.1	All	All	All
Application	X.org	Libx11	1.3.2	All	All	All
Application	X.org	Libx11	1.3.3	All	All	All
Application	X.org	Libx11	1.3.4	All	All	All
Application	X.org	Libx11	1.3.5	All	All	All
Application	X.org	Libx11	1.3.6	All	All	All
Application	X.org	Libx11	1.3.99.901	All	All	All
Application	X.org	Libx11	1.3.99.902	All	All	All
Application	X.org	Libx11	1.3.99.903	All	All	All
Application	X.org	Libx11	1.4.0	All	All	All
Application	X.org	Libx11	1.4.1	All	All	All
Application	X.org	Libx11	1.4.2	All	All	All
Application	X.org	Libx11	1.4.3	All	All	All
Application	X.org	Libx11	1.4.4	All	All	All
Application	X.org	Libx11	1.4.99.901	All	All	All
Application	X.org	Libx11	1.4.99.902	All	All	All
Application	X.org	Libx11	1.5.0	All	All	All
Application	X.org	Libx11	1.5.99.901	All	All	All
Application	X.org	Libx11	1.5.99.902	All	All	All
Application	X.org	Libx11	1.0.1	All	All	All
Application	X.org	Libx11	1.0.2	All	All	All
Application	X.org	Libx11	1.0.3	All	All	All
Application	X.org	Libx11	1.1	All	All	All
Application	X.org	Libx11	1.1	rc1	All	All
Application	X.org	Libx11	1.1	rc2	All	All
Application	X.org	Libx11	1.1.4	All	All	All
Application	X.org	Libx11	1.1.5	All	All	All
Application	X.org	Libx11	1.1.6	All	All	All
Application	X.org	Libx11	1.1.99.1	All	All	All

Application	X.org	Libx11	1.1.99.2	All	All	All
Application	X.org	Libx11	1.2	All	All	All
Application	X.org	Libx11	1.2.1	All	All	All
Application	X.org	Libx11	1.2.2	All	All	All
Application	X.org	Libx11	1.3	All	All	All
Application	X.org	Libx11	1.3.1	All	All	All
Application	X.org	Libx11	1.3.2	All	All	All
Application	X.org	Libx11	1.3.3	All	All	All
Application	X.org	Libx11	1.3.4	All	All	All
Application	X.org	Libx11	1.3.5	All	All	All
Application	X.org	Libx11	1.3.6	All	All	All
Application	X.org	Libx11	1.3.99.901	All	All	All
Application	X.org	Libx11	1.3.99.902	All	All	All
Application	X.org	Libx11	1.3.99.903	All	All	All
Application	X.org	Libx11	1.4.0	All	All	All
Application	X.org	Libx11	1.4.1	All	All	All
Application	X.org	Libx11	1.4.2	All	All	All
Application	X.org	Libx11	1.4.3	All	All	All
Application	X.org	Libx11	1.4.4	All	All	All
Application	X.org	Libx11	1.4.99.901	All	All	All
Application	X.org	Libx11	1.4.99.902	All	All	All
Application	X.org	Libx11	1.5.0	All	All	All
Application	X.org	Libx11	1.5.99.901	All	All	All
Application	X.org	Libx11	1.5.99.902	All	All	All
Application	X.org	X11	6.0	All	All	All
Application	X.org	X11	6.1	All	All	All
Application	X.org	X11	6.3	All	All	All
Application	X.org	X11	6.4	All	All	All
Application	X.org	X11	6.5.1	All	All	All
Application	X.org	X11	6.6	All	All	All
Application	X.org	X11	6.7	All	All	All
Application	X.org	X11	6.8.0	All	All	All
Application	X.org	X11	6.8.1	All	All	All
Application	X.org	X11	6.8.2	All	All	All
Application	X.org	X11	6.9	All	All	All

Application	<a href="#">X.org</a>	X11	6.0	All	All	All
Application	<a href="#">X.org</a>	X11	6.1	All	All	All
Application	<a href="#">X.org</a>	X11	6.3	All	All	All
Application	<a href="#">X.org</a>	X11	6.4	All	All	All
Application	<a href="#">X.org</a>	X11	6.5.1	All	All	All
Application	<a href="#">X.org</a>	X11	6.6	All	All	All
Application	<a href="#">X.org</a>	X11	6.7	All	All	All
Application	<a href="#">X.org</a>	X11	6.8.0	All	All	All
Application	<a href="#">X.org</a>	X11	6.8.1	All	All	All
Application	<a href="#">X.org</a>	X11	6.8.2	All	All	All
Application	<a href="#">X.org</a>	X11	6.9	All	All	All

## References

Reference	Source	Link	Tags
Debian -- Security Information -- DSA-3224-1 libx11	DEBIAN	<a href="http://www.debian.org">www.debian.org</a>	Third Party Advisory
USN-2568-1: libx11, libxrender vulnerability   Ubuntu	UBUNTU	<a href="http://www.ubuntu.com">www.ubuntu.com</a>	Third Party Advisory
Bug 56508 – 4-byte buffer overflow in MakeBigReq	CONFIRM	<a href="https://bugs.freedesktop.org">bugs.freedesktop.org</a>	Issue Tracking
Oracle Solaris Third Party Bulletin - July 2015	CONFIRM	<a href="http://www.oracle.com">www.oracle.com</a>	
[ANNOUNCE] X.Org Security Advisory: Buffer overflow in MakeBigReq macro	MLIST	<a href="https://lists.x.org">lists.x.org</a>	Patch, Vendor Advisory
X.Org libX11 'MakeBigReq()' Macro Buffer Overflow Vulnerability	BID	<a href="http://www.securityfocus.com">www.securityfocus.com</a>	Third Party Advisory,
oss-sec: Re: CVE Request: libX11: buffer overflow in MakeBigReq macro	MLIST	<a href="https://seclists.org">seclists.org</a>	Third Party Advisory,
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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