



# CVE-2017-12176

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

## Summary

<b>CVE</b>	CVE-2017-12176
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2018-01-24 15:29:00 UTC
<b>Updated</b>	2019-10-09 23:22:00 UTC
<b>Description</b>	xorg-x11-server before 1.19.5 was missing extra length validation in ProcEstablishConnection function allowing malicious X

## Risk And Classification

**Problem Types:** CWE-20

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	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	Source	Link
[SECURITY] [DLA 1186-1] xorg-server security update	MLIST	<a href="#">lists.de</a>
xorg/xserver - X server (mirrored from <a href="https://gitlab.freedesktop.org/xorg/xserver">https://gitlab.freedesktop.org/xorg/xserver</a> )	CONFIRM	<a href="#">cgit.fre</a>
1509214 - (CVE-2017-12176) CVE-2017-12176 xorg-x11-server: Unvalidated extra length in ProcEstablishConnection	CONFIRM	<a href="#">bugzilla</a>
Debian -- Security Information -- DSA-4000-1 xorg-server	DEBIAN	<a href="#">www.d</a>
X.Org Server: Multiple vulnerabilities (GLSA 201711-05) — Gentoo security	GENTOO	<a href="#">security</a>
CVE Program record	CVE.ORG	<a href="#">www.c</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nis</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[500821](#) Alpine Linux Security Update for xorg-server

[505579](#) Alpine Linux Security Update for xorg-server

[710370](#) Gentoo Linux X.Org Server Multiple Vulnerabilities (GLSA 201711-05)

© [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](#)