



# CVE-2017-12186

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2017-12186   |
| <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 length validation in X-Resource extension allowing malicious X client to cause 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                             |
|--|---------|----------------------------------|
| <a href="#">xorg/xserver - X server (mirrored from https://gitlab.freedesktop.org/xorg/xserver)</a>                    | CONFIRM | <a href="#">cgit.freedesktop</a> |
| <a href="#">1509216 - (CVE-2017-12186) CVE-2017-12186 xorg-x11-server: unvalidated lengths in X-Resource extension</a> | CONFIRM | <a href="#">bugzilla.redhat</a>  |
| <a href="#">Debian -- Security Information -- DSA-4000-1 xorg-server</a>   | DEBIAN  | <a href="#">www.debian.or</a>    |
| <a href="#">CVE Program record</a>   | CVE.ORG | <a href="#">www.cve.org</a>      |
| <a href="#">NVD vulnerability detail</a>   | NVD     | <a href="#">nvd.nist.gov</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

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