



Bug 2451106 (CVE-2026-33999) - CVE-2026-33999 xorg: xwayland: X.Org X server: Denial of Service via integer underflow in XKB compatibility map handling

Keywords: Security

Reported: 2026-03-25 06:29 UTC by OSIDB Bzimport

Status: NEW

Modified: 2026-04-23 14:13 UTC ([History](#))

Alias: CVE-2026-33999

CC List: 1 user ([show](#))

Product: Security Response

Fixed In Version:

Component: vulnerability

Clone Of:

Environment:

Version: unspecified

Last Closed:

Embargoed:

Hardware: All

OS: Linux

Priority: high

Severity: high

Target Milestone: ---

Assignee: Product Security DevOps Team

QA Contact:

Docs Contact:

URL:

Whiteboard:

Depends On:

Blocks:

TreeView+ [depends on](#) / [blocked](#)

Attachments ([Terms of Use](#))

OSIDB Bzimport 2026-03-25 06:29:42 UTC

[Description](#)

Integer Underflow (Wraparound) vulnerability in the XKB compatibility map handling of the X.Org X server. The issue occurs in XkbSetCompatMap() when a previously truncated "compat" buffer leaves unused space that is later reused without correctly updating the count of valid entries. This can cause internal size/index calculations to become inconsistent and potentially underflow, resulting in a buffer read overrun when subsequent XKB requests are processed. An attacker with access to the X11 server (local or via remote X11 forwarding/SSH tunneling) can trigger the flaw without user interaction, leading to memory-safety violations and potentially a crash or more severe impact depending on how

Xorg/Xwayland is deployed.

Note

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