



## Bug 2345256 (CVE-2025-26596) - CVE-2025-26596 xorg: xwayland: Heap overflow in XkbWriteKeySyms()

**Keywords:**

**Reported:** 2025-02-12 14:23 UTC by OSIDB Bzimport

**Status:** NEW

**Modified:** 2025-10-13 12:12 UTC ([History](#))

**Alias:** CVE-2025-26596

**CC List:** 2 users ([show](#))

**Deadline:** 2025-02-25

**Fixed In Version:**

**Product:** Security Response

**Clone Of:**

**Component:** vulnerability

**Environment:**

**Last Closed:**

**Embargoed:**

**Version:** unspecified

**Hardware:** All

**OS:** Linux

**Priority:** high

**Severity:** high

**Target Milestone:** ---

**Assignee:** Product Security DevOps Team

**QA Contact:**

**Docs Contact:**

**URL:**

**Whiteboard:**

**Depends On:** [2349370](#) [2349371](#) [2349372](#)

**Blocks:**


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

### Attachments [\(Terms of Use\)](#)

### Links

System	ID	Private	Priority	Status	Summary	Last Updated
Red Hat Product Errata	<a href="#">RHSA-2025:2500</a>	0	None	None	None	2025-03-10 12:37:00 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2502</a>	0	None	None	None	2025-03-10 12:46:09 UTC
Red Hat	<a href="#">RHSA-2025:2861</a>	0	None	None	None	2025-03-17

Product Errata						01:28:49 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2862</a>	0	None	None	None	2025-03-17 01:27:49 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2865</a>	0	None	None	None	2025-03-17 01:36:11 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2866</a>	0	None	None	None	2025-03-17 01:14:01 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2873</a>	0	None	None	None	2025-03-17 01:37:45 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2874</a>	0	None	None	None	2025-03-17 01:46:13 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2875</a>	0	None	None	None	2025-03-17 01:44:09 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2879</a>	0	None	None	None	2025-03-17 03:11:23 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:2880</a>	0	None	None	None	2025-03-17 04:20:09 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:3976</a>	0	None	None	None	2025-04-17 06:35:57 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:7163</a>	0	None	None	None	2025-05-13 10:14:17 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:7165</a>	0	None	None	None	2025-05-13 10:15:24 UTC
Red Hat Product Errata	<a href="#">RHSA-2025:7458</a>	0	None	None	None	2025-05-13 15:55:13 UTC

OSIDB Bzimport  2025-02-12 14:23:53 UTC[Description](#)

The computation of the length in XkbSizeKeySyms() differs from what is actually written in XkbWriteKeySyms(), which may lead to a heap based buffer overflow.

errata-xmlrpc 2025-03-10 12:36:59 UTC

[Comment 2](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHSA-2025:2500 <https://access.redhat.com/errata/RHSA-2025:2500>

errata-xmlrpc 2025-03-10 12:46:08 UTC

[Comment 3](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 8

Via RHSA-2025:2502 <https://access.redhat.com/errata/RHSA-2025:2502>

errata-xmlrpc 2025-03-17 01:14:00 UTC

[Comment 4](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 8.2 Advanced Update Support

Via RHSA-2025:2866 <https://access.redhat.com/errata/RHSA-2025:2866>

errata-xmlrpc 2025-03-17 01:27:48 UTC

[Comment 5](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 8.8 Extended Update Support

Via RHSA-2025:2862 <https://access.redhat.com/errata/RHSA-2025:2862>

errata-xmlrpc 2025-03-17 01:28:47 UTC

[Comment 6](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 7 Extended Lifecycle Support

Via RHSA-2025:2861 <https://access.redhat.com/errata/RHSA-2025:2861>

errata-xmlrpc 2025-03-17 01:36:10 UTC

[Comment 7](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 8.4 Advanced Mission Critical Update Support

Red Hat Enterprise Linux 8.4 Telecommunications Update Service

Red Hat Enterprise Linux 8.4 Update Services for SAP Solutions

Via RHSA-2025:2865 <https://access.redhat.com/errata/RHSA-2025:2865>

errata-xmlrpc 2025-03-17 01:37:44 UTC

[Comment 8](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.0 Update Services for SAP Solutions

Via RHSA-2025:2873 <https://access.redhat.com/errata/RHSA-2025:2873>

errata-xmlrpc 2025-03-17 01:44:08 UTC

[Comment 9](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.4 Extended Update Support

Via RHSA-2025:2875 <https://access.redhat.com/errata/RHSA-2025:2875>

errata-xmlrpc 2025-03-17 01:46:12 UTC

[Comment 10](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.2 Extended Update Support

Via RHSA-2025:2874 <https://access.redhat.com/errata/RHSA-2025:2874>

errata-xmlrpc 2025-03-17 03:11:22 UTC

[Comment 11](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 7 Extended Lifecycle Support

Via RHSA-2025:2879 <https://access.redhat.com/errata/RHSA-2025:2879>

errata-xmlrpc 2025-03-17 04:20:08 UTC

[Comment 12](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 8.6 Advanced Mission Critical Update Support

Red Hat Enterprise Linux 8.6 Update Services for SAP Solutions

Red Hat Enterprise Linux 8.6 Telecommunications Update Service

Via RHSA-2025:2880 <https://access.redhat.com/errata/RHSA-2025:2880>

errata-xmlrpc 2025-04-17 06:35:56 UTC

[Comment 15](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 6 Extended Lifecycle Support - EXTENSION

Via RHSA-2025:3976 <https://access.redhat.com/errata/RHSA-2025:3976>

errata-xmlrpc 2025-05-13 10:14:16 UTC

[Comment 16](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHSA-2025:7163 <https://access.redhat.com/errata/RHSA-2025:7163>

errata-xmlrpc 2025-05-13 10:15:23 UTC

[Comment 17](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHSA-2025:7165 <https://access.redhat.com/errata/RHSA-2025:7165>

errata-xmlrpc 2025-05-13 15:55:11 UTC

[Comment 18](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 10

Via RHSA-2025:7458 <https://access.redhat.com/errata/RHSA-2025:7458>

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