



Bug 2402660 (CVE-2025-62231) - CVE-2025-62231 xorg: xmayland: Value overflow in XkbSetCompatMap()

Keywords: Security

Reported: 2025-10-09 06:46 UTC by OSIDB Bzimport

Status: NEW

Modified: 2026-04-24 14:20 UTC ([History](#))

Alias: CVE-2025-62231

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

Deadline: 2025-10-28

Fixed In Version:

Product: Security Response

Clone Of:

Component: vulnerability

Environment:

Last Closed:

Embargoed:

Version: unspecified

Hardware: All

OS: Linux

Priority: medium

Severity: medium

Target Milestone: ---

Assignee: Product Security DevOps Team

QA Contact:

Docs Contact:

URL:

Whiteboard:

Depends On: [2406802](#) [2406803](#) [2407295](#)
[2407296](#) [2407297](#)

Blocks:

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

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


Links

System	ID	Private	Priority	Status	Summary	Last Updated
Red Hat Product Errata	RHSA-2025:19432	0	None	None	None	2025-11-03 08:44:33 UTC
Red Hat Product Errata	RHSA-2025:19433	0	None	None	None	2025-11-03 08:54:52 UTC
Red Hat	RHSA-2025:19434	0	None	None	None	2025-11-03

Product Errata						09:00:48 UTC
Red Hat Product Errata	RHSA-2025:19435	0	None	None	None	2025-11-03 08:43:34 UTC
Red Hat Product Errata	RHSA-2025:19489	0	None	None	None	2025-11-03 15:43:52 UTC
Red Hat Product Errata	RHSA-2025:19623	0	None	None	None	2025-11-04 10:21:17 UTC
Red Hat Product Errata	RHSA-2025:19909	0	None	None	None	2025-11-06 13:01:09 UTC
Red Hat Product Errata	RHSA-2025:20958	0	None	None	None	2025-11-11 15:00:33 UTC
Red Hat Product Errata	RHSA-2025:20960	0	None	None	None	2025-11-11 15:01:38 UTC
Red Hat Product Errata	RHSA-2025:20961	0	None	None	None	2025-11-11 15:01:23 UTC
Red Hat Product Errata	RHSA-2025:21035	0	None	None	None	2025-11-11 19:49:27 UTC
Red Hat Product Errata	RHSA-2025:22040	0	None	None	None	2025-11-25 07:50:54 UTC
Red Hat Product Errata	RHSA-2025:22041	0	None	None	None	2025-11-25 07:49:27 UTC
Red Hat Product Errata	RHSA-2025:22051	0	None	None	None	2025-11-25 08:33:10 UTC
Red Hat Product Errata	RHSA-2025:22055	0	None	None	None	2025-11-25 08:26:32 UTC
Red Hat Product Errata	RHSA-2025:22056	0	None	None	None	2025-11-25 08:20:17 UTC

Red Hat Product Errata	RHSA-2025:22077	0	None	None	None	2025-11-25 13:01:26 UTC
Red Hat Product Errata	RHSA-2025:22096	0	None	None	None	2025-11-25 17:19:02 UTC
Red Hat Product Errata	RHSA-2025:22164	0	None	None	None	2025-11-26 05:23:25 UTC
Red Hat Product Errata	RHSA-2025:22167	0	None	None	None	2025-11-26 07:13:49 UTC
Red Hat Product Errata	RHSA-2025:22364	0	None	None	None	2025-12-01 02:37:46 UTC
Red Hat Product Errata	RHSA-2025:22365	0	None	None	None	2025-12-01 01:57:51 UTC
Red Hat Product Errata	RHSA-2025:22426	0	None	None	None	2025-12-01 14:37:08 UTC
Red Hat Product Errata	RHSA-2025:22427	0	None	None	None	2025-12-01 14:34:59 UTC
Red Hat Product Errata	RHSA-2025:22667	0	None	None	None	2025-12-03 14:24:34 UTC
Red Hat Product Errata	RHSA-2025:22729	0	None	None	None	2025-12-04 07:38:49 UTC
Red Hat Product Errata	RHSA-2025:22742	0	None	None	None	2025-12-04 10:17:46 UTC
Red Hat Product Errata	RHSA-2025:22753	0	None	None	None	2025-12-04 12:48:27 UTC
Red Hat Product Errata	RHSA-2026:0031	0	None	None	None	2026-01-05 06:02:50 UTC
Red Hat	RHSA-2026:0033	0	None	None	None	2026-01-05

Product Errata						06:14:13 UTC
Red Hat Product Errata	RHSA-2026:0034	0	None	None	None	2026-01-05 06:08:02 UTC
Red Hat Product Errata	RHSA-2026:0035	0	None	None	None	2026-01-05 06:14:02 UTC
Red Hat Product Errata	RHSA-2026:0036	0	None	None	None	2026-01-05 06:12:21 UTC

OSIDB Bzimport  2025-10-09 06:46:27 UTC[Description](#)

Integer overflow vulnerability in the XkbSetCompatMap() function of the X.Org X server and Xwayland. The XkbCompatMap structure uses unsigned short values for some fields but fails to verify that input sums do not exceed the valid range. Crafted XkbSetCompatMap requests can trigger arithmetic overflow, potentially corrupting memory and causing the X server to crash.

errata-xmlrpc 2025-11-03 08:43:33 UTC

[Comment 1](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 10

Via RHA-2025:19435 <https://access.redhat.com/errata/RHSA-2025:19435>

errata-xmlrpc 2025-11-03 08:44:32 UTC

[Comment 2](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 8

Via RHA-2025:19432 <https://access.redhat.com/errata/RHSA-2025:19432>

errata-xmlrpc 2025-11-03 08:54:51 UTC

[Comment 3](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHSA-2025:19433 <https://access.redhat.com/errata/RHSA-2025:19433>

errata-xmlrpc 2025-11-03 09:00:47 UTC

[Comment 4](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 8

Via RHSA-2025:19434 <https://access.redhat.com/errata/RHSA-2025:19434>

errata-xmlrpc 2025-11-03 15:43:51 UTC

[Comment 5](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHSA-2025:19489 <https://access.redhat.com/errata/RHSA-2025:19489>

errata-xmlrpc 2025-11-04 10:21:16 UTC

[Comment 6](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHSA-2025:19623 <https://access.redhat.com/errata/RHSA-2025:19623>

errata-xmlrpc 2025-11-06 13:01:07 UTC

[Comment 8](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 8

Via RHSA-2025:19909 <https://access.redhat.com/errata/RHSA-2025:19909>

errata-xmlrpc 2025-11-11 15:00:32 UTC

[Comment 9](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHSA-2025:20958 <https://access.redhat.com/errata/RHSA-2025:20958>

errata-xmlrpc 2025-11-11 15:01:22 UTC

[Comment 10](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHSA-2025:20961 <https://access.redhat.com/errata/RHSA-2025:20961>

errata-xmlrpc 2025-11-11 15:01:37 UTC

[Comment 11](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9

Via RHSA-2025:20960 <https://access.redhat.com/errata/RHSA-2025:20960>

errata-xmlrpc 2025-11-11 19:49:26 UTC

[Comment 12](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 10

Via RHSA-2025:21035 <https://access.redhat.com/errata/RHSA-2025:21035>

errata-xmlrpc 2025-11-25 07:49:26 UTC

[Comment 13](#)

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-2025:22041 <https://access.redhat.com/errata/RHSA-2025:22041>

errata-xmlrpc 2025-11-25 07:50:53 UTC

[Comment 14](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 7 Extended Lifecycle Support

Via RHSA-2025:22040 <https://access.redhat.com/errata/RHSA-2025:22040>

errata-xmlrpc 2025-11-25 08:20:16 UTC

[Comment 15](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.0 Update Services for SAP Solutions

Via RHSA-2025:22056 <https://access.redhat.com/errata/RHSA-2025:22056>

errata-xmlrpc 2025-11-25 08:26:31 UTC

[Comment 16](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.2 Update Services for SAP Solutions

Via RHSA-2025:22055 <https://access.redhat.com/errata/RHSA-2025:22055>

errata-xmlrpc 2025-11-25 08:33:09 UTC

[Comment 17](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.4 Extended Update Support

Via RHSA-2025:22051 <https://access.redhat.com/errata/RHSA-2025:22051>

errata-xmlrpc 2025-11-25 13:01:25 UTC

[Comment 18](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 8.2 Advanced Update Support

Via RHSA-2025:22077 <https://access.redhat.com/errata/RHSA-2025:22077>

errata-xmlrpc 2025-11-25 17:19:01 UTC

[Comment 19](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 7 Extended Lifecycle Support

Via RHSA-2025:22096 <https://access.redhat.com/errata/RHSA-2025:22096>

errata-xmlrpc 2025-11-26 05:23:24 UTC

[Comment 20](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 8.8 Update Services for SAP Solutions

Red Hat Enterprise Linux 8.8 Telecommunications Update Service

Via RHSA-2025:22164 <https://access.redhat.com/errata/RHSA-2025:22164>

errata-xmlrpc 2025-11-26 07:13:48 UTC

[Comment 21](#)

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 Extended Update Support Long-Life Add-On

Via RHSA-2025:22167 <https://access.redhat.com/errata/RHSA-2025:22167>

errata-xmlrpc 2025-12-01 01:57:49 UTC

[Comment 22](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.0 Update Services for SAP Solutions

Via RHSA-2025:22365 <https://access.redhat.com/errata/RHSA-2025:22365>

errata-xmlrpc 2025-12-01 02:37:45 UTC

[Comment 23](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.2 Update Services for SAP Solutions

Via RHSA-2025:22364 <https://access.redhat.com/errata/RHSA-2025:22364>

errata-xmlrpc 2025-12-01 14:34:58 UTC

[Comment 24](#)

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-2025:22427 <https://access.redhat.com/errata/RHSA-2025:22427>

errata-xmlrpc 2025-12-01 14:37:07 UTC

[Comment 25](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 8.8 Update Services for SAP Solutions

Red Hat Enterprise Linux 8.8 Telecommunications Update Service

Via RHSA-2025:22426 <https://access.redhat.com/errata/RHSA-2025:22426>

errata-xmlrpc 2025-12-03 14:24:33 UTC

[Comment 26](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 6 Extended Lifecycle Support -
EXTENSION

Via RHSA-2025:22667 <https://access.redhat.com/errata/RHSA-2025:22667>

errata-xmlrpc 2025-12-04 07:38:49 UTC

[Comment 27](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 8.2 Advanced Update Support

Via RHSA-2025:22729 <https://access.redhat.com/errata/RHSA-2025:22729>

errata-xmlrpc 2025-12-04 10:17:44 UTC

[Comment 28](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.4 Extended Update Support

Via RHSA-2025:22742 <https://access.redhat.com/errata/RHSA-2025:22742>

errata-xmlrpc 2025-12-04 12:48:26 UTC

[Comment 29](#)

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 Extended Update Support Long-
Life Add-On

Via RHSA-2025:22753 <https://access.redhat.com/errata/RHSA-2025:22753>

errata-xmlrpc 2026-01-05 06:02:49 UTC

[Comment 30](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.4 Extended Update Support

Via RHSA-2026:0031 <https://access.redhat.com/errata/RHSA-2026:0031>

2026:0031

errata-xmlrpc 2026-01-05 06:08:00 UTC

[Comment 31](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.0 Update Services for SAP Solutions

Via RHSA-2026:0034 <https://access.redhat.com/errata/RHSA-2026:0034>

errata-xmlrpc 2026-01-05 06:12:19 UTC

[Comment 32](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 9.2 Update Services for SAP Solutions

Via RHSA-2026:0036 <https://access.redhat.com/errata/RHSA-2026:0036>

errata-xmlrpc 2026-01-05 06:14:00 UTC

[Comment 33](#)

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-2026:0035 <https://access.redhat.com/errata/RHSA-2026:0035>

errata-xmlrpc 2026-01-05 06:14:12 UTC

[Comment 34](#)

This issue has been addressed in the following products:

Red Hat Enterprise Linux 8.8 Update Services for SAP Solutions

Red Hat Enterprise Linux 8.8 Telecommunications Update Service

Via RHSA-2026:0033 <https://access.redhat.com/errata/RHSA-2026:0033>

2026:0033

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