



Red Hat Product Errata RHSA-2025:22742 - Security Advisory

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Issued: 2025-12-04 Updated: 2025-12-04

[Overview](#)

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Synopsis

Moderate: xorg-x11-server security update

Type/Severity

Security Advisory: Moderate

Red Hat Lightspeed patch analysis

Identify and remediate systems affected by this advisory.

[View affected systems](#) 

Topic

An update for xorg-x11-server is now available for Red Hat Enterprise Linux 9.4 Extended Update Support.

Red Hat Product Security has rated this update as having a security impact of Moderate. A Common Vulnerability Scoring System (CVSS) base score, which gives a detailed severity rating, is available for each vulnerability from the CVE link(s) in the References section.

Description

X.Org is an open-source implementation of the X Window System. It provides the basic low-level functionality that full-fledged graphical user interfaces are designed upon.

Security Fix(es):

- xorg: xmayland: Use-after-free in XPresentNotify structure creation (CVE-2025-62229)
- xorg: xwayland: Use-after-free in Xkb client resource removal (CVE-2025-62230)
- xorg: xmayland: Value overflow in XkbSetCompatMap() (CVE-2025-62231)

For more details about the security issue(s), including the impact, a CVSS score, acknowledgments, and other related information, refer to the CVE page(s) listed in the References section.

Solution


For details on how to apply this update, which includes the changes described in this advisory, refer to:

<https://access.redhat.com/articles/11258> 

Affected Products

- Red Hat Enterprise Linux for x86_64 - Extended Update Support 9.4 x86_64
- Red Hat Enterprise Linux Server - AUS 9.4 x86_64
- Red Hat Enterprise Linux for IBM z Systems - Extended Update Support 9.4 s390x
- Red Hat Enterprise Linux for Power, little endian - Extended Update Support 9.4 ppc64le
- Red Hat Enterprise Linux for ARM 64 - Extended Update Support 9.4 aarch64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 9.4 ppc64le
- Red Hat Enterprise Linux for x86_64 - Update Services for SAP Solutions 9.4 x86_64
- Red Hat CodeReady Linux Builder for x86_64 - Extended Update Support 9.4 x86_64
- Red Hat CodeReady Linux Builder for Power, little endian - Extended Update Support 9.4 ppc64le
- Red Hat CodeReady Linux Builder for IBM z Systems - Extended Update Support 9.4 s390x
- Red Hat CodeReady Linux Builder for ARM 64 - Extended Update Support 9.4 aarch64
- Red Hat Enterprise Linux for ARM 64 - 4 years of updates 9.4 aarch64
- Red Hat Enterprise Linux for IBM z Systems - 4 years of updates 9.4 s390x

Fixes

- BZ - 2402649  - CVE-2025-62229 xorg: xmayland: Use-after-free in XPresentNotify structure creation

- [BZ - 2402653](#) - CVE-2025-62230 xorg: xwayland: Use-after-free in Xkb client resource removal
- [BZ - 2402660](#) - CVE-2025-62231 xorg: xmayland: Value overflow in XkbSetCompatMap()

CVEs

- [CVE-2025-62229](#)
- [CVE-2025-62230](#)
- [CVE-2025-62231](#)


References

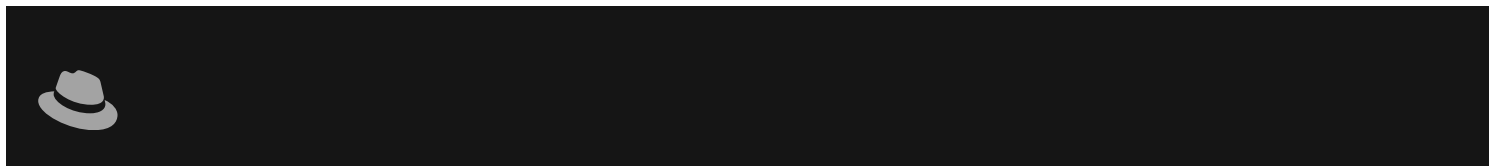
- <https://access.redhat.com/security/updates/classification/#moderate>

The Red Hat security contact is secalert@redhat.com. More contact details at <https://access.redhat.com/security/team/contact/>.



The image shows the Red Hat logo (a red hat) and the text "Red Hat" in white on a dark background. To the right of the logo are four social media icons: LinkedIn, YouTube, Facebook, and X. Below the logo and icons is a navigation menu with four items: "Quick Links", "Help", "Site Info", and "Related Sites". Each item has a white downward-pointing chevron icon to its right. The menu items are separated by thin white horizontal lines.

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