



Red Hat Product Errata    RHSA-2025:22040 - Security Advisory

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Issued: 2025-11-25    Updated: 2025-11-25

[Overview](#)

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## Synopsis

Low: xorg-x11-server security update

## Type/Severity

Security Advisory: Low

### 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 7 Extended Lifecycle Support.

Red Hat Product Security has rated this update as having a security impact of Low. 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 Server - Extended Life Cycle Support 7 x86\_64
- Red Hat Enterprise Linux Server - Extended Life Cycle Support (for IBM z Systems) 7 s390x
- Red Hat Enterprise Linux Server - Extended Life Cycle Support for IBM Power, big endian 7 ppc64
- Red Hat Enterprise Linux Server - Extended Life Cycle Support for IBM Power, little endian 7 ppc64le

## 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/#low> 

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



The image shows a dark-themed navigation bar for the Red Hat website. On the left is the Red Hat logo, consisting of a red fedora hat icon and the text "Red Hat". On the right are social media icons for LinkedIn, YouTube, Facebook, and X. Below the logo and icons is a vertical list of menu items: "Quick Links", "Help", "Site Info", and "Related Sites". Each item has a white downward-pointing chevron icon to its right, indicating a dropdown menu.

 All systems operational



The image shows a dark-themed navigation menu for the Red Hat website. At the top left is a small, light-colored fedora hat icon. Below the icon is a vertical list of menu items: "About Red Hat", "Jobs", "Events", "Locations", "Contact Red Hat", "Red Hat Blog", "Inclusion at Red Hat", and "Cool Stuff Store".

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