



Red Hat Product Errata    RHSA-2025:19435 - Security Advisory

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Issued: 2025-11-03    Updated: 2025-11-03

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## Synopsis

Moderate: xorg-x11-server-Xwayland 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-Xwayland is now available for Red Hat Enterprise Linux 10.0 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

Xwayland is an X server for running X clients under Wayland.

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 10 x86\_64
- Red Hat Enterprise Linux for x86\_64 - Extended Update Support 10.0 x86\_64
- Red Hat Enterprise Linux for IBM z Systems 10 s390x
- Red Hat Enterprise Linux for IBM z Systems - Extended Update Support 10.0 s390x
- Red Hat Enterprise Linux for Power, little endian 10 ppc64le
- Red Hat Enterprise Linux for Power, little endian - Extended Update Support 10.0 ppc64le
- Red Hat Enterprise Linux for ARM 64 10 aarch64
- Red Hat Enterprise Linux for ARM 64 - Extended Update Support 10.0 aarch64
- Red Hat CodeReady Linux Builder for x86\_64 10 x86\_64
- Red Hat CodeReady Linux Builder for Power, little endian 10 ppc64le
- Red Hat CodeReady Linux Builder for ARM 64 10 aarch64
- Red Hat CodeReady Linux Builder for IBM z Systems 10 s390x
- Red Hat CodeReady Linux Builder for x86\_64 - Extended Update Support 10.0 x86\_64
- Red Hat CodeReady Linux Builder for Power, little endian - Extended Update Support 10.0 ppc64le
- Red Hat CodeReady Linux Builder for IBM z Systems - Extended Update Support 10.0 s390x
- Red Hat CodeReady Linux Builder for ARM 64 - Extended Update Support 10.0 aarch64
- Red Hat Enterprise Linux for ARM 64 - 4 years of updates 10.0 aarch64
- Red Hat Enterprise Linux for IBM z Systems - 4 years of updates 10.0 s390x
- Red Hat Enterprise Linux for Power, little endian - 4 years of support 10.0 ppc64le
- Red Hat Enterprise Linux for x86\_64 - 4 years of updates 10.0 x86\_64

## 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>

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



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