RHSA-2025:20960 - Security Advisory

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

Overview

Updated Packages

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 9.

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 9 x86_64
- Red Hat Enterprise Linux for IBM z Systems 9 s390x
- Red Hat Enterprise Linux for Power, little endian 9 ppc64le
- Red Hat Enterprise Linux for ARM 64 9 aarch64
- Red Hat CodeReady Linux Builder for x86_64 9 x86_64
- Red Hat CodeReady Linux Builder for Power, little endian 9 ppc64le
- Red Hat CodeReady Linux Builder for ARM 64 9 aarch64
- Red Hat CodeReady Linux Builder for IBM z Systems 9 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/.

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