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Issued: 2025-11-25

Updated: 2025-11-25

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Synopsis

Important: tigervnc security update

Type/Severity

Security Advisory: Important

Red Hat Lightspeed patch analysis

Identify and remediate systems affected by this advisory.

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Topic

An update for tigervnc is now available for Red Hat Enterprise Linux 8.6 Advanced Mission Critical Update Support, Red Hat Enterprise Linux 8.6 Update Services for SAP Solutions, and Red Hat Enterprise Linux 8.6 Telecommunications Update Service.

Red Hat Product Security has rated this update as having a security impact of Important. 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

Virtual Network Computing (VNC) is a remote display system which allows users to view a computing desktop environment not only on the machine where it is running, but from anywhere on the Internet and from a wide variety of machine architectures. TigerVNC is a suite of VNC servers and clients.

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 Extension 8.6 x86_64
- Red Hat Enterprise Linux Server - AUS 8.6 x86_64
- Red Hat Enterprise Linux Server - TUS 8.6 x86_64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 8.6 ppc64le
- Red Hat Enterprise Linux for x86_64 - Update Services for SAP Solutions 8.6 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/#important> 

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



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