



Red Hat Product Errata RHSA-2025:2502 - Security Advisory

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Issued: 2025-03-10 Updated: 2025-03-10

[Overview](#)

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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.

[View affected systems](#) 

Topic

An update for tigervnc is now available for Red Hat Enterprise Linux 8.

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):

- X.Org: Xwayland: Use-after-free of the root cursor (CVE-2025-26594)
- xorg: xwayland: Use-after-free in SynclnitTrigger() (CVE-2025-26601)
- xorg: xwayland: Use-after-free in PlayReleasedEvents() (CVE-2025-26600)
- xorg: xwayland: Use of uninitialized pointer in compRedirectWindow() (CVE-2025-26599)
- xorg: xwayland: Out-of-bounds write in CreatePointerBarrierClient() (CVE-2025-26598)
- xorg: xwayland: Buffer overflow in XkbChangeTypesOfKey() (CVE-2025-26597)
- xorg: xwayland: Heap overflow in XkbWriteKeySyms() (CVE-2025-26596)
- Xorg: xwayland: Buffer overflow in XkbVModMaskText() (CVE-2025-26595)

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 8 x86_64
- Red Hat Enterprise Linux for IBM z Systems 8 s390x
- Red Hat Enterprise Linux for Power, little endian 8 ppc64le
- Red Hat Enterprise Linux for ARM 64 8 aarch64
- Red Hat Enterprise Linux for x86_64 - Extended Life Cycle 8.10 x86_64
- Red Hat Enterprise Linux for ARM 64 - Extended Life Cycle 8.10 aarch64
- Red Hat Enterprise Linux for Power, little endian - Extended Life Cycle 8.10 ppc64le
- Red Hat Enterprise Linux for IBM z Systems - Extended Life Cycle 8.10 s390x

Fixes

- [BZ - 2345248](#)  - CVE-2025-26594 X.Org: Xwayland: Use-after-free of the root cursor
- [BZ - 2345251](#)  - CVE-2025-26601 xorg: xwayland: Use-after-free in SynclnitTrigger()
- [BZ - 2345252](#)  - CVE-2025-26600 xorg: xwayland: Use-after-free in PlayReleasedEvents()

- [BZ - 2345253](#) - CVE-2025-26599 xorg: xwayland: Use of uninitialized pointer in compRedirectWindow()
- [BZ - 2345254](#) - CVE-2025-26598 xorg: xwayland: Out-of-bounds write in CreatePointerBarrierClient()
- [BZ - 2345255](#) - CVE-2025-26597 xorg: xwayland: Buffer overflow in XkbChangeTypesOfKey()
- [BZ - 2345256](#) - CVE-2025-26596 xorg: xwayland: Heap overflow in XkbWriteKeySyms()
- [BZ - 2345257](#) - CVE-2025-26595 Xorg: xwayland: Buffer overflow in XkbVModMaskText()

CVEs

- [CVE-2025-26594](#)
- [CVE-2025-26595](#)
- [CVE-2025-26596](#)
- [CVE-2025-26597](#)
- [CVE-2025-26598](#)
- [CVE-2025-26599](#)
- [CVE-2025-26600](#)
- [CVE-2025-26601](#)

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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