

[Red Hat Product Errata](#) [RHSA-2024:0617 - Security Advisory](#)

RHSA-2024:0617 - Security Advisory

Issued: 2024-01-30

Updated: 2024-01-31

[Overview](#)[Updated Packages](#)

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 8.2 Advanced Update Support, Red Hat Enterprise Linux 8.2 Telecommunications Update Service, and Red Hat Enterprise Linux 8.2 Update Services for SAP Solutions.

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-x11-server: Heap buffer overflow in DeviceFocusEvent and ProcXIQueryPointer (CVE-2023-6816)
- xorg-x11-server: reattaching to different master device may lead to out-of-bounds memory access (CVE-2024-0229)
- xorg-x11-server: heap buffer overflow in XISendDeviceHierarchyEvent (CVE-2024-21885)
- xorg-x11-server: heap buffer overflow in DisableDevice (CVE-2024-21886)

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 - AUS 8.2 x86_64
- Red Hat Enterprise Linux Server - TUS 8.2 x86_64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 8.2 ppc64le
- Red Hat Enterprise Linux for x86_64 - Update Services for SAP Solutions 8.2 x86_64

Fixes

- [BZ - 2256540](#)  - CVE-2024-21885 xorg-x11-server: heap buffer overflow in XISendDeviceHierarchyEvent
- [BZ - 2256542](#)  - CVE-2024-21886 xorg-x11-server: heap buffer overflow in DisableDevice
- [BZ - 2256690](#)  - CVE-2024-0229 xorg-x11-server: reattaching to different master device may lead to out-of-bounds memory access
- [BZ - 2257691](#)  - CVE-2023-6816 xorg-x11-server: Heap buffer overflow in DeviceFocusEvent and ProcXIQueryPointer

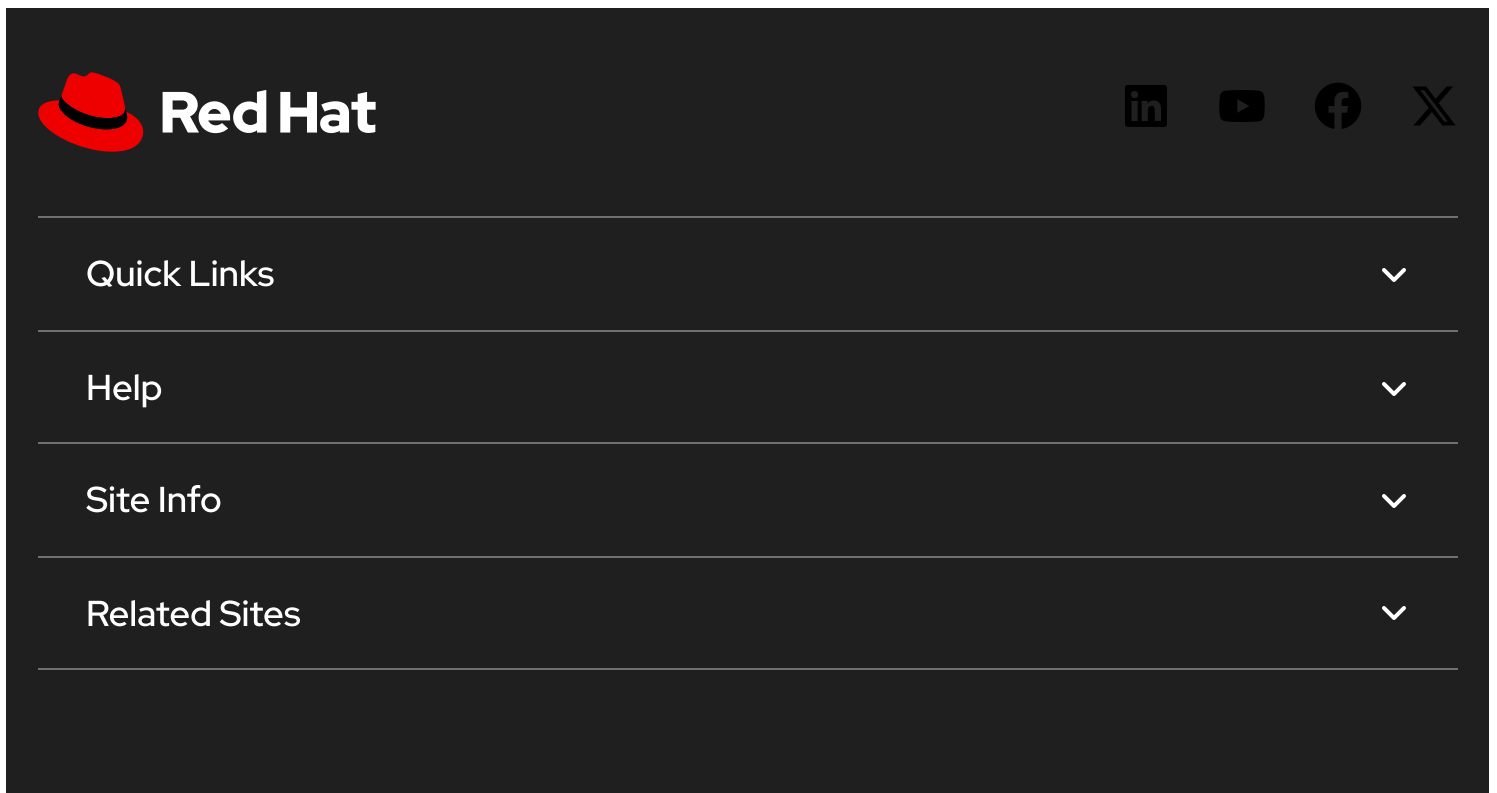
CVEs

- [CVE-2023-6816](#)
- [CVE-2024-0229](#)
- [CVE-2024-21885](#)
- [CVE-2024-21886](#)

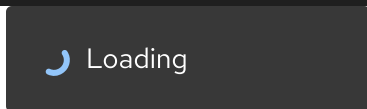
References

- <https://access.redhat.com/security/updates/classification/#important>

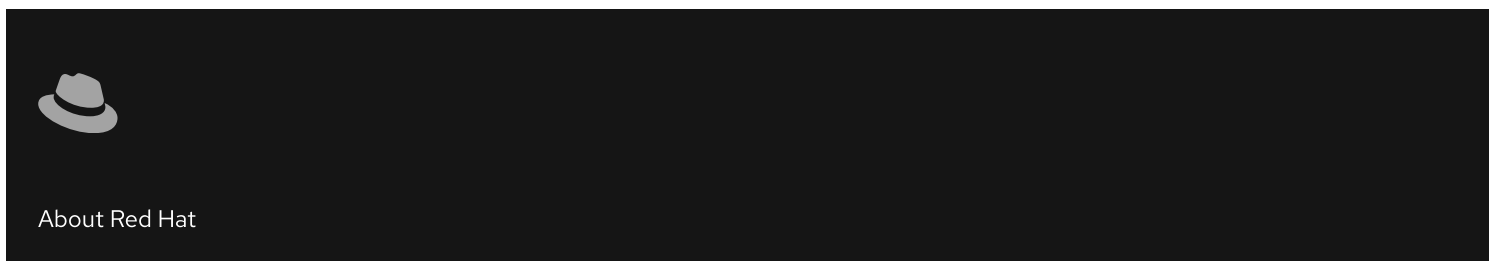
The Red Hat security contact is secalert@redhat.com. More contact details at <https://access.redhat.com/security/team/contact/>.



The image shows a dark-themed navigation menu for Red Hat. At the top left is the Red Hat logo (a red hat) and the text "Red Hat". To the right are social media icons for LinkedIn, YouTube, Facebook, and X. Below these are four menu items, each with a downward-pointing chevron: "Quick Links", "Help", "Site Info", and "Related Sites".



A dark grey rectangular box containing a blue circular loading spinner icon and the text "Loading".



A dark grey rectangular box containing a small grey hat icon and the text "About Red Hat".

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