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**RHSA**

4-01-30

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Overview

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Importan

## 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 8.4 Advanced Mission Critical Update Support, Red Hat Enterprise Linux 8.4 Telecommunications Update Service, and Red Hat Enterprise Linux 8.4 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 for x86\_64 - Extended Update Support Extension 8.4 x86\_64
- Red Hat Enterprise Linux Server - AUS 8.4 x86\_64
- Red Hat Enterprise Linux Server - TUS 8.4 x86\_64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 8.4 ppc64le
- Red Hat Enterprise Linux for x86\_64 - Update Services for SAP Solutions 8.4 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

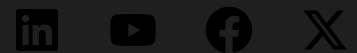
## CVEs

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



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