



Red Hat Product Errata    RHSA-2024:0014 - Security Advisory

# RHSA-2024:0014 - Security Advisory

Issued: 2024-01-02    Updated: 2024-01-02

[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 8.8 Extended Update Support.

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: out-of-bounds memory reads/writes in XKB button actions (CVE-2023-6377)
- xorg-x11-server: out-of-bounds memory read in RRChangeOutputProperty and RRChangeProviderProperty (CVE-2023-6478)

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 8.8 x86\_64
- Red Hat Enterprise Linux for x86\_64 - Extended Update Support 8.8 x86\_64
- Red Hat Enterprise Linux for IBM z Systems - Extended Update Support 8.8 s390x
- Red Hat Enterprise Linux for Power, little endian - Extended Update Support 8.8 ppc64le
- Red Hat Enterprise Linux Server - TUS 8.8 x86\_64
- Red Hat Enterprise Linux for ARM 64 - Extended Update Support 8.8 aarch64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 8.8 ppc64le
- Red Hat Enterprise Linux for x86\_64 - Update Services for SAP Solutions 8.8 x86\_64

## Fixes

- [BZ - 2253291](#)  - CVE-2023-6377 xorg-x11-server: out-of-bounds memory reads/writes in XKB button actions
- [BZ - 2253298](#)  - CVE-2023-6478 xorg-x11-server: out-of-bounds memory read in RRChangeOutputProperty and RRChangeProviderProperty

## CVEs

- [CVE-2023-6377](#) 

- [CVE-2023-6478](#) 

## 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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