RHSA-2024:0006 - 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 7.

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 Server 7 x86_64
- Red Hat Enterprise Linux Server - Extended Life Cycle Support 7 x86_64
- Red Hat Enterprise Linux Workstation 7 x86_64
- Red Hat Enterprise Linux Desktop 7 x86_64
- Red Hat Enterprise Linux for IBM z Systems 7 s390x
- Red Hat Enterprise Linux for Power, big endian 7 ppc64
- Red Hat Enterprise Linux for Scientific Computing 7 x86_64
- Red Hat Enterprise Linux for Power, little endian 7 ppc64le
- Red Hat Enterprise Linux Server - Extended Life Cycle Support (for IBM z Systems) 7 s390x
- Red Hat Enterprise Linux Server - Extended Life Cycle Support for IBM Power, big endian 7 ppc64
- Red Hat Enterprise Linux Server - Extended Life Cycle Support for IBM Power, little endian 7 ppc64le

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. More contact details at https://access.redhat.com/security/team/contact/.

Red Hat

Quick Links

Help

Site Info

Related Sites

All systems operational

About Red Hat

Jobs

Events

Locations

Contact Red Hat

Red Hat Blog

Inclusion at Red Hat

Cool Stuff Store

Red Hat Summit

© 2026 Red Hat

Privacy statement

Terms of use

All policies and guidelines

Digital accessibility

Cookie Preferences and Opt-Out Rights