



Red Hat Product Errata RHSA-2023:5476 - Security Advisory

RHSA-2023:5476 - Security Advisory

Issued: 2023-10-05 Updated: 2023-10-05

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

Synopsis

Important: glibc 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 glibc is now available for Red Hat Enterprise Linux 8.6 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

The glibc packages provide the standard C libraries (libc), POSIX thread libraries (libpthread), standard math libraries (libm), and the name service cache daemon (nscd) used by multiple programs on the system. Without these libraries, the Linux system cannot function correctly.

Security Fix(es):

- glibc: buffer overflow in ld.so leading to privilege escalation (CVE-2023-4911)

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> 

For the update to take effect, all services linked to the glibc library must be restarted, or the system rebooted.


Affected Products

- Red Hat Enterprise Linux for x86_64 - Extended Update Support Extension 8.6 x86_64
- Red Hat Enterprise Linux for x86_64 - Extended Update Support 8.6 x86_64
- Red Hat Enterprise Linux Server - AUS 8.6 x86_64
- Red Hat Enterprise Linux for IBM z Systems - Extended Update Support 8.6 s390x
- Red Hat Enterprise Linux for Power, little endian - Extended Update Support 8.6 ppc64le
- Red Hat Virtualization Host 4 for RHEL 8 x86_64
- Red Hat Enterprise Linux Server - TUS 8.6 x86_64
- Red Hat Enterprise Linux for ARM 64 - Extended Update Support 8.6 aarch64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 8.6 ppc64le
- Red Hat Enterprise Linux for x86_64 - Update Services for SAP Solutions 8.6 x86_64
- Red Hat CodeReady Linux Builder for x86_64 - Extended Update Support 8.6 x86_64
- Red Hat CodeReady Linux Builder for Power, little endian - Extended Update Support 8.6 ppc64le
- Red Hat CodeReady Linux Builder for IBM z Systems - Extended Update Support 8.6 s390x
- Red Hat CodeReady Linux Builder for ARM 64 - Extended Update Support 8.6 aarch64

Fixes

- BZ - 2238352  - CVE-2023-4911 glibc: buffer overflow in ld.so leading to privilege escalation

CVEs

- [CVE-2023-4911](#) 

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/>.




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](#)