



Red Hat Product Errata    RHSA-2023:5454 - Security Advisory

# RHSA-2023:5454 - 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 9.0 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

Before applying this update, make sure all previously released errata relevant to your system have been applied.

For details on how to apply this update, refer to:

<https://access.redhat.com/articles/11258> 


## Affected Products

- Red Hat Enterprise Linux for x86\_64 - Extended Update Support 9.0 x86\_64
- Red Hat Enterprise Linux for IBM z Systems - Extended Update Support 9.0 s390x
- Red Hat Enterprise Linux for Power, little endian - Extended Update Support 9.0 ppc64le
- Red Hat Enterprise Linux for ARM 64 - Extended Update Support 9.0 aarch64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 9.0 ppc64le
- Red Hat Enterprise Linux for x86\_64 - Update Services for SAP Solutions 9.0 x86\_64
- Red Hat CodeReady Linux Builder for x86\_64 - Extended Update Support 9.0 x86\_64
- Red Hat CodeReady Linux Builder for Power, little endian - Extended Update Support 9.0 ppc64le
- Red Hat CodeReady Linux Builder for IBM z Systems - Extended Update Support 9.0 s390x
- Red Hat CodeReady Linux Builder for ARM 64 - Extended Update Support 9.0 aarch64
- Red Hat Enterprise Linux for ARM 64 - 4 years of updates 9.0 aarch64
- Red Hat Enterprise Linux for IBM z Systems - 4 years of updates 9.0 s390x

## 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> 

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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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