



Red Hat Product Errata    RHSA-2025:10027 - Security Advisory

# RHSA-2025:10027 - Security Advisory

Issued: 2025-07-01    Updated: 2025-07-01

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

## Synopsis

Important: pam 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 pam is now available for Red Hat Enterprise Linux 8.

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

Pluggable Authentication Modules (PAM) provide a system to set up authentication policies without the need to recompile programs to handle authentication.

Security Fix(es):

- linux-pam: Linux-pam directory Traversal (CVE-2025-6020)

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 8 x86\_64
- Red Hat Enterprise Linux for IBM z Systems 8 s390x
- Red Hat Enterprise Linux for Power, little endian 8 ppc64le
- Red Hat Enterprise Linux for ARM 64 8 aarch64

## Fixes

- BZ - 2372512  - CVE-2025-6020 linux-pam: Linux-pam directory Traversal

## CVEs

- CVE-2025-6020 

## 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/>.



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