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
- Red Hat Enterprise Linux for x86_64 - Extended Life Cycle 8.10 x86_64
- Red Hat Enterprise Linux for ARM 64 - Extended Life Cycle 8.10 aarch64
- Red Hat Enterprise Linux for Power, little endian - Extended Life Cycle 8.10 ppc64le
- Red Hat Enterprise Linux for IBM z Systems - Extended Life Cycle 8.10 s390x

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

Red Hat

Quick Links

Help

Site Info

Related Sites

Partial system outage

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 Do Not Sell or Share My Personal Information