



RHSA-2025:21748 - Security Advisory

Issued: 2025-11-19

Updated: 2025-11-19

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

Synopsis

Important: python-kdcproxy 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 python-kdcproxy is now available for Red Hat Enterprise Linux 9.4 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

Python is an interpreted, interactive, object-oriented programming language, which includes modules, classes, exceptions, very high level dynamic data types and dynamic typing. Python supports interfaces to many system calls and libraries, as well as to various windowing systems.

Security Fix(es):

- python-kdcproxy: Unauthenticated SSRF via Realm?Controlled DNS SRV (CVE-2025-59088)
- python-kdcproxy: Remote DoS via unbounded TCP upstream buffering (CVE-2025-59089)

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 - Extended Update Support 9.4 x86_64
- Red Hat Enterprise Linux Server - AUS 9.4 x86_64
- Red Hat Enterprise Linux for IBM z Systems - Extended Update Support 9.4 s390x
- Red Hat Enterprise Linux for Power, little endian - Extended Update Support 9.4 ppc64le
- Red Hat Enterprise Linux for ARM 64 - Extended Update Support 9.4 aarch64
- Red Hat Enterprise Linux Server for Power LE - Update Services for SAP Solutions 9.4 ppc64le
- Red Hat Enterprise Linux for x86_64 - Update Services for SAP Solutions 9.4 x86_64
- Red Hat Enterprise Linux for ARM 64 - 4 years of updates 9.4 aarch64
- Red Hat Enterprise Linux for IBM z Systems - 4 years of updates 9.4 s390x
- Red Hat Enterprise Linux for x86_64 - Extended Life Cycle 9.4 x86_64
- Red Hat Enterprise Linux for ARM 64 - Extended Life Cycle 9.4 aarch64
- Red Hat Enterprise Linux for Power, little endian - Extended Life Cycle 9.4 ppc64le
- Red Hat Enterprise Linux for IBM z Systems - Extended Life Cycle 9.4 s390x

Fixes

- [BZ - 2393955](#)  - CVE-2025-59088 python-kdcproxy: Unauthenticated SSRF via Realm?Controlled DNS SRV
- [BZ - 2393958](#)  - CVE-2025-59089 python-kdcproxy: Remote DoS via unbounded TCP upstream buffering

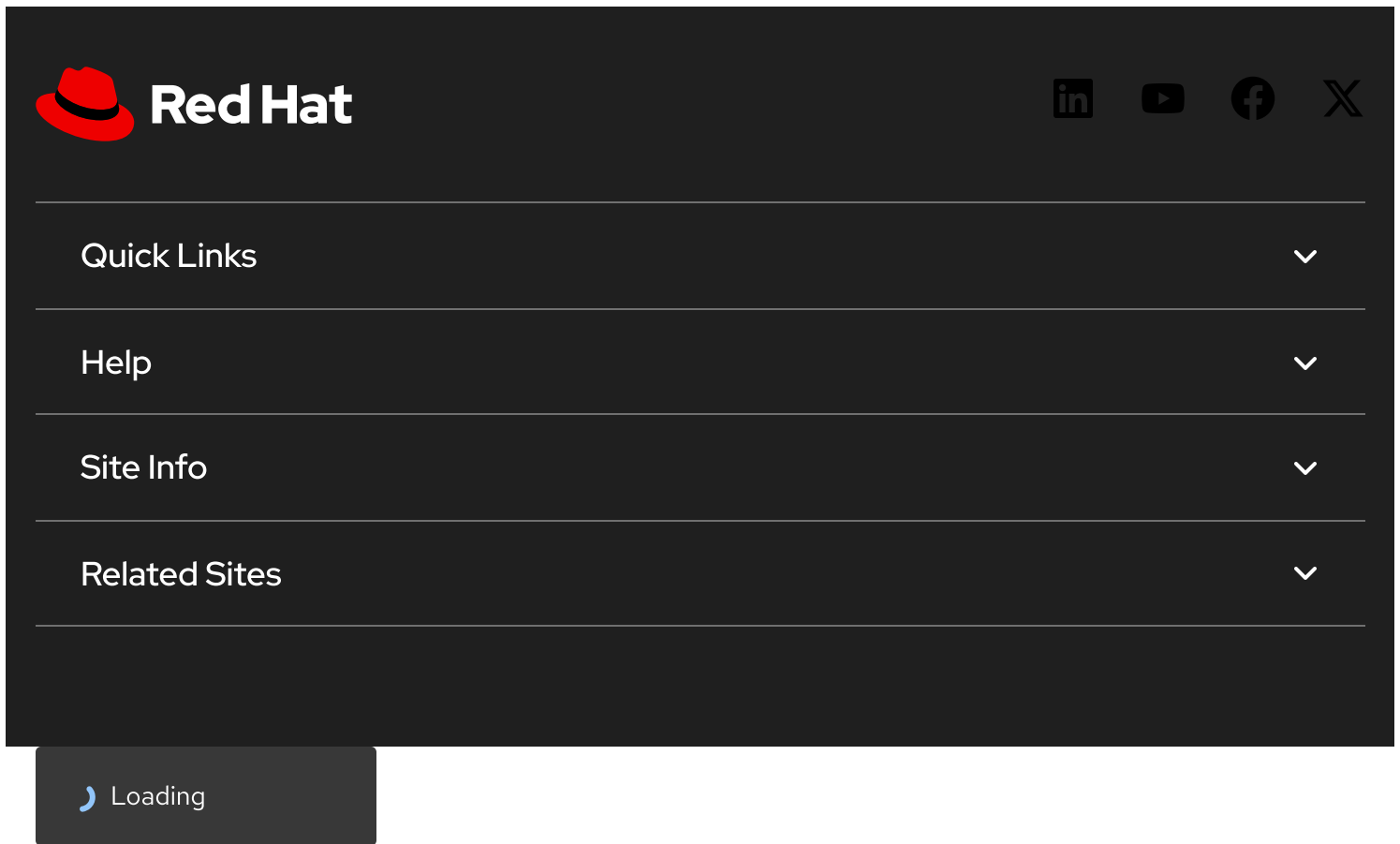
CVEs

- [CVE-2025-59088](#) 
- [CVE-2025-59089](#) 

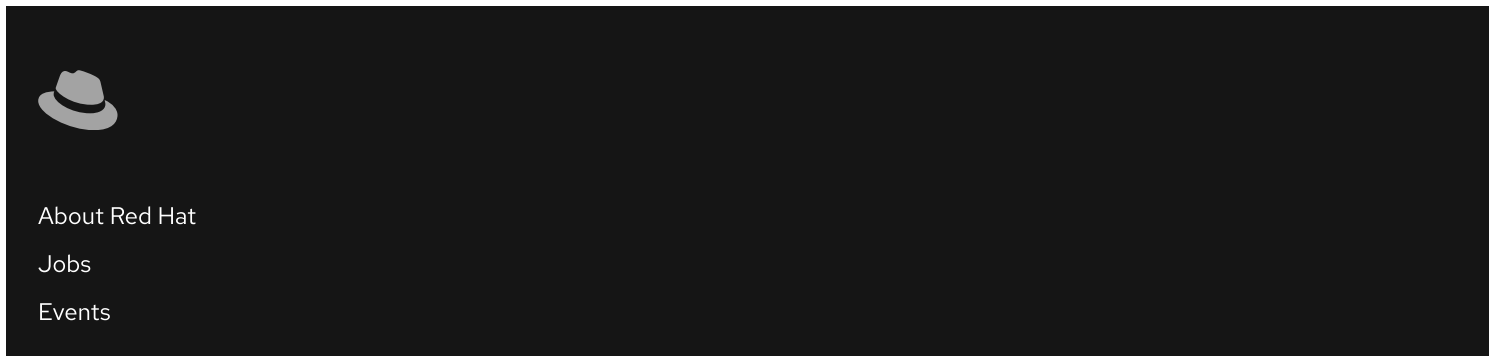
References

- <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/>.



The image shows a dark-themed navigation menu for Red Hat. At the top left is the Red Hat logo (a red hat icon) and the text "Red Hat". To the right are social media icons for LinkedIn, YouTube, Facebook, and X. Below these are four menu items, each with a downward-pointing chevron icon: "Quick Links", "Help", "Site Info", and "Related Sites". At the bottom of the menu is a "Loading" indicator with a blue circular arrow icon.



The image shows a dark-themed footer for Red Hat. On the left is a small grey hat icon. To its right are three links: "About Red Hat", "Jobs", and "Events".

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