

Overall Rating: Critical



This is a technical bulletin intended for technical audiences.

Summary

The Vulnerability and Risk Management (VRM) Team has been made aware a kernel update for is now available for Red Hat Enterprise Linux 8. The vulnerability affects:

- Red Hat Enterprise Linux for x86_64 & 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 & aarch64
- Red Hat CodeReady Linux Builder for x86_64 & x86_64
- Red Hat CodeReady Linux Builder for Power, little endian 8 ppc64le
- Red Hat CodeReady Linux Builder for ARM 64 & aarch64.

Technical Details

Exploitability Metrics

Attack Vector: Network

Attack Complexity: Low

Privileges Required: None

User Interaction: None

This vulnerability is rated as a **CRITICAL** risk. Software updates exist to address multiple Linux kernel risks. Red Hat Product Security has rated this update as having a security impact of Important.

Action Required

- Locate the device or application and investigate.
- Notify business owner(s).
- Perform mitigating actions, as required.

Please notify [VRM](#) with any questions or concerns you may have at VulnerabilityandRiskManagement@gov.bc.ca.

References

- [CVE-2021-47284, CVE-2021-47468, CVE-2021-47548, CVE-2021-47579, CVE-2022-48743, CVE-2023-28746, CVE-2023-5261, CVE-2023-52619, CVE-2023-52756, CVE-2023-52762, CVE-2023-52764, CVE-2023-52791, CVE-2023-52803, CVE-2023-52832, CVE-2023-52834, CVE-2023-52847, CVE-2024-26586, CVE-2024-26698, CVE-2024-26733, CVE-2024-26921, CVE-2024-26960, CVE-2024-27010, CVE-2024-27025, CVE-2024-33621, CVE-2024-36016, CVE-2024-36025, CVE-2024-36896, CVE-2024-36904, CVE-2024-36917, CVE-2024-36921, CVE-2024-36927, CVE-2024-36940, CVE-2024-36941, CVE-2024-36950, CVE-2024-36954, CVE-2024-38575, CVE-2024-38596, CVE-2024-39276](#)
- [RHSA-2024:5101 - Security Advisory](#)
- [RHSA-2024:5102 - Security Advisory](#)
- [Red Hat Security Advisories](#)
- [VRM Vulnerability Reports](#)

