



# CVE-2021-35937

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

|                        |   |
|------------------------|---|
| <b>CVE</b>             | CVE-2021-35937  |
| <b>State</b>           | PUBLIC  |
| <b>Assigner</b>        | secalert@redhat.com   |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback  |
| <b>Published</b>       | 2022-08-25 20:15:00 UTC   |
| <b>Updated</b>         | 2023-11-07 03:36:00 UTC   |
| <b>Description</b>     | A race condition vulnerability was found in rpm. A local unprivileged user could use this flaw to bypass the checks that were |

## Risk And Classification

**Problem Types:** CWE-367

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                        | Product                          | Version | Update | Edition | Language |
|------------------|-------------------------------|----------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Fedoraproject</a> | <a href="#">Fedora</a>           | 34      | All    | All     | All      |
| Operating System | <a href="#">Redhat</a>        | <a href="#">Enterprise Linux</a> | 6.0     | All    | All     | All      |
| Operating System | <a href="#">Redhat</a>        | <a href="#">Enterprise Linux</a> | 7.0     | All    | All     | All      |
| Operating System | <a href="#">Redhat</a>        | <a href="#">Enterprise Linux</a> | 8.0     | All    | All     | All      |
| Operating System | <a href="#">Redhat</a>        | <a href="#">Enterprise Linux</a> | 9.0     | All    | All     | All      |
| Application      | <a href="#">Rpm</a>           | <a href="#">Rpm</a>              | All     | All    | All     | All      |

## References

| Reference  | Source  | Link                                | Tags |
|--|---------|-------------------------------------|------|
| <a href="#">rpm.org - Releases</a>   | MISC    | <a href="#">rpm.org</a>             |      |
| <a href="#">1964125 – (CVE-2021-35937) CVE-2021-35937 rpm: TOCTOU race in checks for unsafe symlinks</a> | MISC    | <a href="#">bugzilla.redhat.com</a> |      |
| <a href="#">www.usenix.org/legacy/event/sec05/tech/full_papers/borisov/borisov.pdf</a>                   | MISC    | <a href="#">www.usenix.org</a>      |      |
| <a href="#">Red Hat Customer Portal - Access to 24x7 support and knowledge</a>                           | MISC    | <a href="#">access.redhat.com</a>   |      |
| <a href="#">RPM: Multiple Vulnerabilities (GLSA 202210-22) — Gentoo security</a>                         | GENTOO  | <a href="#">security.gentoo.org</a> |      |
| <a href="#">CVE Program record</a>   | CVE.ORG | <a href="#">www.cve.org</a>         | cano |
| <a href="#">NVD vulnerability detail</a>   | NVD     | <a href="#">nvd.nist.gov</a>        | cano |

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

|  |
|--|
| 161314 Oracle Enterprise Linux Security Update for rpm (ELSA-2024-0463)          |
| 161331 Oracle Enterprise Linux Security Update for rpm (ELSA-2024-0647)          |
| 242744 Red Hat Update for rpm (RHSA-2024:0424)                                   |
| 242754 Red Hat Update for rpm (RHSA-2024:0463)                                   |
| 242757 Red Hat Update for rpm (RHSA-2024:0435)                                   |
| 242810 Red Hat Update for rpm (RHSA-2024:0582)                                   |
| 242816 Red Hat Update for rpm (RHSA-2024:0647)                                   |
| 242842 Red Hat Update for rpm (RHSA-2024:0453)                                   |
| 357349 Amazon Linux Security Advisory for rpm : ALAS2023-2024-573                |
| 379634 Alibaba Cloud Linux Security Update for rpm (ALINUX3-SA-2024:0030)        |
| 502949 Alpine Linux Security Update for rpm                                      |
| 505818 Alpine Linux Security Update for rpm                                      |
| 672363 EulerOS Security Update for rpm (EulerOS-SA-2022-2741)                    |
| 672374 EulerOS Security Update for rpm (EulerOS-SA-2022-2776)                    |
| 672457 EulerOS Security Update for rpm (EulerOS-SA-2022-2829)                    |
| 672471 EulerOS Security Update for rpm (EulerOS-SA-2022-2855)                    |
| 710651 Gentoo Linux RPM Multiple Vulnerabilities (GLSA 202210-22)                |
| 903713 Common Base Linux Mariner (CBL-Mariner) Security Update for rpm (10783)   |
| 903811 Common Base Linux Mariner (CBL-Mariner) Security Update for rpm (10766)   |
| 904119 Common Base Linux Mariner (CBL-Mariner) Security Update for rpm (10766-1) |
| 941549 AlmaLinux Security Update for rpm (ALSA-2024:0463)                        |
| 941568 AlmaLinux Security Update for rpm (ALSA-2024:0647)                        |
| 961111 Rocky Linux Security Update for rpm (RLSA-2024:0647)                      |

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