CVE-2021-35938

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Summary

CVE	CVE-2021-35938
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-08-25 20:15:00 UTC
Updated	2022-11-29 18:06:00 UTC
Description	A symbolic link issue was found in rpm. It occurs when rpm sets the desired permissions and credentials after installing a fil

Risk And Classification

Problem Types: CWE-59

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All
Application	Rpm	Rpm	All	All	All	All

References

Reference	Source	Link
Set file metadata via fd-based ops for everything but symlinks · rpm-software-management/rpm@25a435e · GitHub	MISC	github.
rpm.org - Releases	MISC	rpm.or
Bug 1157880 – VUL-0: CVE-2021-35938: rpm: races with chown/chmod/capabilties calls during installation	MISC	bugzill
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	access
1964114 – (CVE-2021-35938) CVE-2021-35938 rpm: races with chown/chmod/capabilities calls during installation	MISC	bugzill
RPM: Multiple Vulnerabilities (GLSA 202210-22) — Gentoo security	GENTOO	securit
First steps towards fixing the symlink CVEs by pmatilai · Pull Request #1919 · rpm-software-management/rpm · GitHub	MISC	github.
CVE Program record	CVE.ORG	www.c
NVD vulnerability detail	NVD	nvd.nis

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)

182103 Debian Security Update for rpm (CVE-2021-35938)

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)

691000 Free Berkeley Software Distribution (FreeBSD) Security Update for rpm4 (0c52abde-717b-11ed-98ca-40b034429ecf)

710651 Gentoo Linux RPM Multiple Vulnerabilities (GLSA 202210-22)

903712 Common Base Linux Mariner (CBL-Mariner) Security Update for rpm (10726)

903790 Common Base Linux Mariner (CBL-Mariner) Security Update for rpm (10723)

904163 Common Base Linux Mariner (CBL-Mariner) Security Update for rpm (10723-1)

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)