CVE-2021-3521

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Summary

CVE	CVE-2021-3521
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-08-22 15:15:00 UTC
Updated	2023-02-12 23:41:00 UTC
Description	There is a flaw in RPM's signature functionality. OpenPGP subkeys are associated with a primary key via a "binding signatu

Risk And Classification

Problem Types: CWE-347

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Rpm	Rpm	All	All	All	All

References

Reference
Red Hat Customer Portal - Access to 24x7 support and knowledge
1941098 – (CVE-2021-3521) CVE-2021-3521 rpm: RPM does not require subkeys to have a valid binding signature
Red Hat Customer Portal - Access to 24x7 support and knowledge
Validate and require subkey binding signatures on PGP public keys · rpm-software-management/rpm@bd36c5d · GitHub
Red Hat Customer Portal - Access to 24x7 support and knowledge
Red Hat Customer Portal - Access to 24x7 support and knowledge
RPM: Multiple Vulnerabilities (GLSA 202210-22) — Gentoo security
Validate and require subkey binding signatures on PGP public keys by pmatilai · Pull Request #1795 · rpm-software-management/rpm · GitHu
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159624 Oracle Enterprise Linux Security Update for rpm (ELSA-2022-0368)

183721 Debian Security Update for rpm (CVE-2021-3521)

240029 Red Hat Update for rpm (RHSA-2022:0254)

240052 Red Hat Update for rpm (RHSA-2022:0368)

240102 Red Hat Update for rpm (RHSA-2022:0634)

377369 Alibaba Cloud Linux Security Update for rpm (ALINUX3-SA-2022:0007)

502948 Alpine Linux Security Update for rpm

505817 Alpine Linux Security Update for rpm

671193 EulerOS Security Update for rpm (EulerOS-SA-2022-1015)

671227 EulerOS Security Update for rpm (EulerOS-SA-2022-1035)

671284 EulerOS Security Update for rpm (EulerOS-SA-2022-1234)

671300 EulerOS Security Update for rpm (EulerOS-SA-2022-1215)

672573 EulerOS Security Update for rpm (EulerOS-SA-2023-1335)

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

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

903715 Common Base Linux Mariner (CBL-Mariner) Security Update for rpm (10647)

903827 Common Base Linux Mariner (CBL-Mariner) Security Update for rpm (10637)

904106 Common Base Linux Mariner (CBL-Mariner) Security Update for rpm (10647-1)

904138 Common Base Linux Mariner (CBL-Mariner) Security Update for rpm (10637-1)

940443 AlmaLinux Security Update for rpm (ALSA-2022:0368)

960109 Rocky Linux Security Update for rpm (RLSA-2022:368)

960692 Rocky Linux Security Update for rpm (RLSA-2022:0368)