



CVE-2014-8118

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2014-8118
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2014-12-16 18:59:00 UTC
Updated	2023-02-13 00:42:00 UTC
Description	Integer overflow in RPM 4.12 and earlier allows remote attackers to execute arbitrary code via a crafted CPIO header in the

Risk And Classification

Problem Types: CWE-189

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Rpm	Rpm	1.2	All	All	All
Application	Rpm	Rpm	1.3	All	All	All
Application	Rpm	Rpm	1.3.1	All	All	All
Application	Rpm	Rpm	1.4	All	All	All
Application	Rpm	Rpm	1.4.1	All	All	All
Application	Rpm	Rpm	1.4.2	All	All	All
Application	Rpm	Rpm	1.4.2/a	All	All	All
Application	Rpm	Rpm	1.4.2/a	All	All	All
Application	Rpm	Rpm	1.4.3	All	All	All
Application	Rpm	Rpm	1.4.4	All	All	All
Application	Rpm	Rpm	1.4.5	All	All	All
Application	Rpm	Rpm	1.4.6	All	All	All
Application	Rpm	Rpm	1.4.7	All	All	All
Application	Rpm	Rpm	2.0	All	All	All
Application	Rpm	Rpm	2.0.1	All	All	All
Application	Rpm	Rpm	2.0.10	All	All	All
Application	Rpm	Rpm	2.0.11	All	All	All

Application	Rpm	Rpm	2.0.2	All	All	All
Application	Rpm	Rpm	2.0.3	All	All	All
Application	Rpm	Rpm	2.0.4	All	All	All
Application	Rpm	Rpm	2.0.5	All	All	All
Application	Rpm	Rpm	2.0.6	All	All	All
Application	Rpm	Rpm	2.0.7	All	All	All
Application	Rpm	Rpm	2.0.8	All	All	All
Application	Rpm	Rpm	2.0.9	All	All	All
Application	Rpm	Rpm	2.1	All	All	All
Application	Rpm	Rpm	2.1.1	All	All	All
Application	Rpm	Rpm	2.1.2	All	All	All
Application	Rpm	Rpm	2.2	All	All	All
Application	Rpm	Rpm	2.2.1	All	All	All
Application	Rpm	Rpm	2.2.10	All	All	All
Application	Rpm	Rpm	2.2.11	All	All	All
Application	Rpm	Rpm	2.2.2	All	All	All
Application	Rpm	Rpm	2.2.3	All	All	All
Application	Rpm	Rpm	2.2.3.10	All	All	All
Application	Rpm	Rpm	2.2.3.11	All	All	All
Application	Rpm	Rpm	2.2.4	All	All	All
Application	Rpm	Rpm	2.2.5	All	All	All
Application	Rpm	Rpm	2.2.6	All	All	All
Application	Rpm	Rpm	2.2.7	All	All	All
Application	Rpm	Rpm	2.2.8	All	All	All
Application	Rpm	Rpm	2.2.9	All	All	All
Application	Rpm	Rpm	2.3	All	All	All
Application	Rpm	Rpm	2.3.1	All	All	All
Application	Rpm	Rpm	2.3.2	All	All	All
Application	Rpm	Rpm	2.3.3	All	All	All
Application	Rpm	Rpm	2.3.4	All	All	All
Application	Rpm	Rpm	2.3.5	All	All	All
Application	Rpm	Rpm	2.3.6	All	All	All
Application	Rpm	Rpm	2.3.7	All	All	All
Application	Rpm	Rpm	2.3.8	All	All	All
Application	Rpm	Rpm	2.3.9	All	All	All

Application	Rpm	Rpm	2.4.1	All	All	All
Application	Rpm	Rpm	2.4.11	All	All	All
Application	Rpm	Rpm	2.4.12	All	All	All
Application	Rpm	Rpm	2.4.2	All	All	All
Application	Rpm	Rpm	2.4.3	All	All	All
Application	Rpm	Rpm	2.4.4	All	All	All
Application	Rpm	Rpm	2.4.5	All	All	All
Application	Rpm	Rpm	2.4.6	All	All	All
Application	Rpm	Rpm	2.4.8	All	All	All
Application	Rpm	Rpm	2.4.9	All	All	All
Application	Rpm	Rpm	2.5	All	All	All
Application	Rpm	Rpm	2.5.1	All	All	All
Application	Rpm	Rpm	2.5.2	All	All	All
Application	Rpm	Rpm	2.5.3	All	All	All
Application	Rpm	Rpm	2.5.4	All	All	All
Application	Rpm	Rpm	2.5.5	All	All	All
Application	Rpm	Rpm	2.5.6	All	All	All
Application	Rpm	Rpm	2.6.7	All	All	All
Application	Rpm	Rpm	3.0	All	All	All
Application	Rpm	Rpm	3.0.1	All	All	All
Application	Rpm	Rpm	3.0.2	All	All	All
Application	Rpm	Rpm	3.0.3	All	All	All
Application	Rpm	Rpm	3.0.4	All	All	All
Application	Rpm	Rpm	3.0.5	All	All	All
Application	Rpm	Rpm	3.0.6	All	All	All
Application	Rpm	Rpm	4.0.	All	All	All
Application	Rpm	Rpm	4.0.1	All	All	All
Application	Rpm	Rpm	4.0.2	All	All	All
Application	Rpm	Rpm	4.0.3	All	All	All
Application	Rpm	Rpm	4.0.4	All	All	All
Application	Rpm	Rpm	4.1	All	All	All
Application	Rpm	Rpm	4.10.0	All	All	All
Application	Rpm	Rpm	4.10.1	All	All	All
Application	Rpm	Rpm	4.10.2	All	All	All
Application	Rpm	Rpm	4.3.3	All	All	All
Application	Rpm	Rpm	4.3.4	All	All	All

Application	Rpm	Rpm	4.4.2.1	All	All	All
Application	Rpm	Rpm	4.4.2.2	All	All	All
Application	Rpm	Rpm	4.4.2.3	All	All	All
Application	Rpm	Rpm	4.5.90	All	All	All
Application	Rpm	Rpm	4.6.0	All	All	All
Application	Rpm	Rpm	4.6.0	rc1	All	All
Application	Rpm	Rpm	4.6.0	rc2	All	All
Application	Rpm	Rpm	4.6.0	rc3	All	All
Application	Rpm	Rpm	4.6.0	rc4	All	All
Application	Rpm	Rpm	4.6.1	All	All	All
Application	Rpm	Rpm	4.7.0	All	All	All
Application	Rpm	Rpm	4.7.1	All	All	All
Application	Rpm	Rpm	4.7.2	All	All	All
Application	Rpm	Rpm	4.8.0	All	All	All
Application	Rpm	Rpm	4.8.1	All	All	All
Application	Rpm	Rpm	4.9.0	All	All	All
Application	Rpm	Rpm	4.9.0	alpha	All	All
Application	Rpm	Rpm	4.9.0	beta1	All	All
Application	Rpm	Rpm	4.9.0	rc1	All	All
Application	Rpm	Rpm	4.9.1	All	All	All
Application	Rpm	Rpm	4.9.1.1	All	All	All
Application	Rpm	Rpm	4.9.1.2	All	All	All
Application	Rpm	Rpm	1.2	All	All	All
Application	Rpm	Rpm	1.3	All	All	All
Application	Rpm	Rpm	1.3.1	All	All	All
Application	Rpm	Rpm	1.4	All	All	All
Application	Rpm	Rpm	1.4.1	All	All	All
Application	Rpm	Rpm	1.4.2	All	All	All
Application	Rpm	Rpm	1.4.2Va	All	All	All
Application	Rpm	Rpm	1.4.3	All	All	All
Application	Rpm	Rpm	1.4.4	All	All	All
Application	Rpm	Rpm	1.4.5	All	All	All
Application	Rpm	Rpm	1.4.6	All	All	All
Application	Rpm	Rpm	1.4.7	All	All	All
Application	Rpm	Rpm	2.0	All	All	All
Application	Rpm	Rpm	2.0.1	All	All	All

Application	Rpm	Rpm	2.0.10	All	All	All
Application	Rpm	Rpm	2.0.11	All	All	All
Application	Rpm	Rpm	2.0.2	All	All	All
Application	Rpm	Rpm	2.0.3	All	All	All
Application	Rpm	Rpm	2.0.4	All	All	All
Application	Rpm	Rpm	2.0.5	All	All	All
Application	Rpm	Rpm	2.0.6	All	All	All
Application	Rpm	Rpm	2.0.7	All	All	All
Application	Rpm	Rpm	2.0.8	All	All	All
Application	Rpm	Rpm	2.0.9	All	All	All
Application	Rpm	Rpm	2.1	All	All	All
Application	Rpm	Rpm	2.1.1	All	All	All
Application	Rpm	Rpm	2.1.2	All	All	All
Application	Rpm	Rpm	2.2	All	All	All
Application	Rpm	Rpm	2.2.1	All	All	All
Application	Rpm	Rpm	2.2.10	All	All	All
Application	Rpm	Rpm	2.2.11	All	All	All
Application	Rpm	Rpm	2.2.2	All	All	All
Application	Rpm	Rpm	2.2.3	All	All	All
Application	Rpm	Rpm	2.2.3.10	All	All	All
Application	Rpm	Rpm	2.2.3.11	All	All	All
Application	Rpm	Rpm	2.2.4	All	All	All
Application	Rpm	Rpm	2.2.5	All	All	All
Application	Rpm	Rpm	2.2.6	All	All	All
Application	Rpm	Rpm	2.2.7	All	All	All
Application	Rpm	Rpm	2.2.8	All	All	All
Application	Rpm	Rpm	2.2.9	All	All	All
Application	Rpm	Rpm	2.3	All	All	All
Application	Rpm	Rpm	2.3.1	All	All	All
Application	Rpm	Rpm	2.3.2	All	All	All
Application	Rpm	Rpm	2.3.3	All	All	All
Application	Rpm	Rpm	2.3.4	All	All	All
Application	Rpm	Rpm	2.3.5	All	All	All
Application	Rpm	Rpm	2.3.6	All	All	All
Application	Rpm	Rpm	2.3.7	All	All	All

Application	Rpm	Rpm	2.3.8	All	All	All
Application	Rpm	Rpm	2.3.9	All	All	All
Application	Rpm	Rpm	2.4.1	All	All	All
Application	Rpm	Rpm	2.4.11	All	All	All
Application	Rpm	Rpm	2.4.12	All	All	All
Application	Rpm	Rpm	2.4.2	All	All	All
Application	Rpm	Rpm	2.4.3	All	All	All
Application	Rpm	Rpm	2.4.4	All	All	All
Application	Rpm	Rpm	2.4.5	All	All	All
Application	Rpm	Rpm	2.4.6	All	All	All
Application	Rpm	Rpm	2.4.8	All	All	All
Application	Rpm	Rpm	2.4.9	All	All	All
Application	Rpm	Rpm	2.5	All	All	All
Application	Rpm	Rpm	2.5.1	All	All	All
Application	Rpm	Rpm	2.5.2	All	All	All
Application	Rpm	Rpm	2.5.3	All	All	All
Application	Rpm	Rpm	2.5.4	All	All	All
Application	Rpm	Rpm	2.5.5	All	All	All
Application	Rpm	Rpm	2.5.6	All	All	All
Application	Rpm	Rpm	2.6.7	All	All	All
Application	Rpm	Rpm	3.0	All	All	All
Application	Rpm	Rpm	3.0.1	All	All	All
Application	Rpm	Rpm	3.0.2	All	All	All
Application	Rpm	Rpm	3.0.3	All	All	All
Application	Rpm	Rpm	3.0.4	All	All	All
Application	Rpm	Rpm	3.0.5	All	All	All
Application	Rpm	Rpm	3.0.6	All	All	All
Application	Rpm	Rpm	4.0.	All	All	All
Application	Rpm	Rpm	4.0.1	All	All	All
Application	Rpm	Rpm	4.0.2	All	All	All
Application	Rpm	Rpm	4.0.3	All	All	All
Application	Rpm	Rpm	4.0.4	All	All	All
Application	Rpm	Rpm	4.1	All	All	All
Application	Rpm	Rpm	4.10.0	All	All	All
Application	Rpm	Rpm	4.10.1	All	All	All
Application	Rpm	Rpm	4.10.2	All	All	All

Application	Rpm	Rpm	4.10.2	All	All	All
Application	Rpm	Rpm	4.3.3	All	All	All
Application	Rpm	Rpm	4.4.2.1	All	All	All
Application	Rpm	Rpm	4.4.2.2	All	All	All
Application	Rpm	Rpm	4.4.2.3	All	All	All
Application	Rpm	Rpm	4.5.90	All	All	All
Application	Rpm	Rpm	4.6.0	All	All	All
Application	Rpm	Rpm	4.6.0	rc1	All	All
Application	Rpm	Rpm	4.6.0	rc2	All	All
Application	Rpm	Rpm	4.6.0	rc3	All	All
Application	Rpm	Rpm	4.6.0	rc4	All	All
Application	Rpm	Rpm	4.6.1	All	All	All
Application	Rpm	Rpm	4.7.0	All	All	All
Application	Rpm	Rpm	4.7.1	All	All	All
Application	Rpm	Rpm	4.7.2	All	All	All
Application	Rpm	Rpm	4.8.0	All	All	All
Application	Rpm	Rpm	4.8.1	All	All	All
Application	Rpm	Rpm	4.9.0	All	All	All
Application	Rpm	Rpm	4.9.0	alpha	All	All
Application	Rpm	Rpm	4.9.0	beta1	All	All
Application	Rpm	Rpm	4.9.0	rc1	All	All
Application	Rpm	Rpm	4.9.1	All	All	All
Application	Rpm	Rpm	4.9.1.1	All	All	All
Application	Rpm	Rpm	4.9.1.2	All	All	All
Application	Rpm	Rpm	All	All	All	All

References

Reference	Source	Link	Tags
access.redhat.com CVE-2014-8118	MISC	access.redhat.com	
Red Hat Customer Portal	REDHAT	rhn.redhat.com	
RPM: Multiple vulnerabilities (GLSA 201811-22) — Gentoo security	GENTOO	security.gentoo.org	
Bug 1168715 – CVE-2014-8118 rpm: integer overflow and stack overflow in CPIO header parsing	MISC	bugzilla.redhat.com	
Red Hat Customer Portal	MISC	access.redhat.com	
Support / Security / Advisories // MDVSA-2015:056 Mandriva	MANDRIVA	www.mandriva.com	
Debian -- Security Information -- DSA-3129-1 rpm	DEBIAN	www.debian.org	Vendor
Support / Security / Advisories // MDVSA-2014:251 Mandriva	MANDRIVA	www.mandriva.com	

Mageia Advisory: MGASA-2014-0529 - Updated rpm packages fix security vulnerabilities	CONFIRM	advisories.mageia.org	
CVE Program record	CVE.ORG	www.cve.org	ca
NVD vulnerability detail	NVD	nvd.nist.gov	ca

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

710222 Gentoo Linux RPM Multiple Vulnerabilities (GLSA 201811-22)

© [CVE.report](https://cve.report) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](https://www.mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://www.mitre.org/cve). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status status.cve.report