



# CVE-2021-4122

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

## Summary

<b>CVE</b>	CVE-2021-4122
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-08-24 16:15:00 UTC
<b>Updated</b>	2022-08-29 14:28:00 UTC
<b>Description</b>	It was found that a specially crafted LUKS header could trick cryptsetup into disabling encryption during the recovery of the

## Risk And Classification

**Problem Types:** CWE-345

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Cryptsetup Project</a>	<a href="#">Cryptsetup</a>	All	All	All	All

## References

Reference	Source	Link
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	<a href="#">acce</a>
<a href="#">mirrors.edge.kernel.org/pub/linux/utils/cryptsetup/v2.4/v2.4.3-ReleaseNotes</a>	MISC	<a href="#">mirro</a>
Bug Access Denied	MISC	<a href="#">bugzi</a>
Fix CVE-2021-4122 - LUKS2 reencryption crash recovery attack (0113ac2d) · Commits · cryptsetup / cryptsetup · GitLab	MISC	<a href="#">gitlab</a>
2032401 – (CVE-2021-4122) CVE-2021-4122 cryptsetup: disable encryption via header rewrite	MISC	<a href="#">bugzi</a>
CVE Program record	CVE.ORG	<a href="#">www.</a>
NVD vulnerability detail	NVD	<a href="#">nvd.n</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[159625](#) Oracle Enterprise Linux Security Update for cryptsetup (ELSA-2022-0370)

[179063](#) Debian Security Update for cryptsetup (DSA 5070-1)

<a href="#">182753</a> Debian Security Update for cryptsetup (CVE-2021-4122)
<a href="#">198664</a> Ubuntu Security Notification for cryptsetup Vulnerability (USN-5286-1)
<a href="#">240053</a> Red Hat Update for cryptsetup (RHSA-2022:0370)
<a href="#">282245</a> Fedora Security Update for cryptsetup (FEDORA-2022-40d0a8de5e)
<a href="#">282290</a> Fedora Security Update for cryptsetup (FEDORA-2022-61b55b6ebc)
<a href="#">354309</a> Amazon Linux Security Advisory for cryptsetup : ALAS2022-2022-174
<a href="#">354362</a> Amazon Linux Security Advisory for cryptsetup : ALAS2022-2022-064
<a href="#">355258</a> Amazon Linux Security Advisory for cryptsetup : ALAS2023-2023-027
<a href="#">377364</a> Alibaba Cloud Linux Security Update for cryptsetup (ALINUX3-SA-2022:0008)
<a href="#">500106</a> Alpine Linux Security Update for cryptsetup
<a href="#">501952</a> Alpine Linux Security Update for cryptsetup
<a href="#">503884</a> Alpine Linux Security Update for cryptsetup
<a href="#">591406</a> Siemens SIMATIC S7-1500 CPU GNU/Linux subsystem Multiple Vulnerabilities (SSB-439005, ICSA-22-104-13)
<a href="#">672118</a> EulerOS Security Update for cryptsetup (EulerOS-SA-2022-2308)
<a href="#">672145</a> EulerOS Security Update for cryptsetup (EulerOS-SA-2022-2411)
<a href="#">672175</a> EulerOS Security Update for cryptsetup (EulerOS-SA-2022-2424)
<a href="#">672482</a> EulerOS Security Update for cryptsetup (EulerOS-SA-2023-1029)
<a href="#">672518</a> EulerOS Security Update for cryptsetup (EulerOS-SA-2023-1004)
<a href="#">751628</a> OpenSUSE Security Update for cryptsetup (openSUSE-SU-2022:0144-1)
<a href="#">752012</a> SUSE Enterprise Linux Security Update for cryptsetup (SUSE-SU-2022:0144-1)
<a href="#">903769</a> Common Base Linux Mariner (CBL-Mariner) Security Update for cryptsetup (10697)
<a href="#">904193</a> Common Base Linux Mariner (CBL-Mariner) Security Update for cryptsetup (10697-1)
<a href="#">940447</a> AlmaLinux Security Update for cryptsetup (ALSA-2022:0370)
<a href="#">960108</a> Rocky Linux Security Update for cryptsetup (RLSA-2022:370)
<a href="#">960790</a> Rocky Linux Security Update for cryptsetup (RLSA-2022:0370)

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