



# CVE-2020-14382

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2020-14382
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-09-16 15:15:00 UTC
<b>Updated</b>	2023-11-07 03:17:00 UTC
<b>Description</b>	A vulnerability was found in upstream release cryptsetup-2.2.0 where, there's a bug in LUKS2 format validation code, that is

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	20.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	20.04	All	All	All
Application	<a href="#">Cryptsetup Project</a>	<a href="#">Cryptsetup</a>	2.2.0	-	All	All
Application	<a href="#">Cryptsetup Project</a>	<a href="#">Cryptsetup</a>	2.2.0	-	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	31	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	33	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>	8.0	All	All	All

## References

Reference	Source	Link
[SECURITY] Fedora 33 Update: cryptsetup-2.3.4-1.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>
[SECURITY] Fedora 33 Update: cryptsetup-2.3.4-1.fc33 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.org</a>
[SECURITY] Fedora 31 Update: cryptsetup-2.3.4-1.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.org</a>
1874712 – (CVE-2020-14382) CVE-2020-14382 cryptsetup: Out-of-bounds write when validating segments	MISC	<a href="#">bugzilla.redhat.com</a>
USN-4493-1: cryptsetup vulnerability   Ubuntu security notices   Ubuntu	UBUNTU	<a href="#">usn.ubuntu.com</a>
[SECURITY] Fedora 31 Update: cryptsetup-2.3.4-1.fc31 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.org</a>

CVE Program record

CVE.ORG [www.cve.org](http://www.cve.org)

NVD vulnerability detail

NVD [nvd.nist.gov](http://nvd.nist.gov)

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[500105](#) Alpine Linux Security Update for cryptsetup

[501392](#) Alpine Linux Security Update for cryptsetup

[503883](#) Alpine Linux Security Update for cryptsetup

[770068](#) Red Hat OpenShift Container Platform 4.6 Security Update (RHSA-2021:0436)

[940345](#) AlmaLinux Security Update for cryptsetup (ALSA-2020:4542)

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