

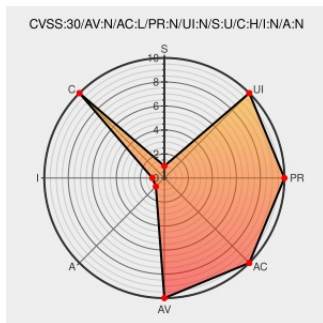


CVE-2019-13179

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CVE-2019-13179

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Calamares](#) from [Calamares](#) contain the following vulnerability:

Calamares versions 3.1 through 3.2.10 copies a LUKS encryption keyfile from `/crypto_keyfile.bin` (mode 0600 owned by root) to `/boot` within a globally readable initramfs image with insecure permissions, which allows this originally protected file to be read by any user, thereby disclosing decryption keys for LUKS containers created with

Full Disk Encryption.

CVE-2019-13179 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	NONE	NONE

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
Bug #1835095 "Lubuntu initrd images leaking cryptographic secret..." : Bugs : calamares package : Ubuntu	Exploit Issue Tracking	MISC bugs.launchpad.net/ubuntu/+source/initramfs-

	Third Party Advisory bugs.launchpad.net text/html	tools/+bug/1835095
[SECURITY] Fedora 29 Update: calamares-3.2.11-1.fc29 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	 FEDORA FEDORA-2019-e61a85c2bb
[SECURITY] Fedora 30 Update: calamares-3.2.11-1.fc30 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	 FEDORA FEDORA-2019-50ee491d76
Calamares Initramfs Weakness – Calamares – The universal installer framework	Vendor Advisory calamares.io text/html	 CONFIRM calamares.io/calamares-cve-2019/
1726542 – (CVE-2019-13179) CVE-2019-13179 calamares: incorrect permission leads to disclosure of decryption keys for LUKS container	Issue Tracking Third Party Advisory bugzilla.redhat.com text/html	 MISC bugzilla.redhat.com/show_bug.cgi?id=1726542
Bug #1835096 “Unprivileged user can access LUKS keyfile” : Bugs : initramfs-tools package : Ubuntu	Third Party Advisory bugs.launchpad.net text/html	 MISC bugs.launchpad.net/ubuntu/+source/initramfs-tools/+bug/1835096
Unsafe generation of initramfs during FDE · Issue #1191 · calamares/calamares · GitHub	Exploit Issue Tracking Third Party Advisory github.com text/html	 MISC github.com/calamares/calamares/issues/1191
Calamares 3.2.11 released - Calamares	Vendor Advisory calamares.io text/html	 CONFIRM calamares.io/calamares-3.2.11-is-out/

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Calamares	Calamares	All	All	All	All
cpe:2.3:a:calamares:calamares:*****.*.*						

No vendor comments have been submitted for this CVE

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