



CVE-2019-13104

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

Summary

CVE	CVE-2019-13104
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-08-06 19:15:00 UTC
Updated	2022-04-18 16:04:00 UTC
Description	In Das U-Boot versions 2016.11-rc1 through 2019.07-rc4, an underflow can cause memcpy() to overwrite a very large amount of memory.

Risk And Classification

Problem Types: CWE-787 | CWE-191

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Denx	U-boot	2019.07	-	All	All
Application	Denx	U-boot	2019.07	rc1	All	All
Application	Denx	U-boot	2019.07	rc2	All	All
Application	Denx	U-boot	2019.07	rc3	All	All
Application	Denx	U-boot	2019.07	rc4	All	All
Application	Denx	U-boot	2019.07	-	All	All
Application	Denx	U-boot	2019.07	rc1	All	All
Application	Denx	U-boot	2019.07	rc2	All	All
Application	Denx	U-boot	2019.07	rc3	All	All
Application	Denx	U-boot	2019.07	rc4	All	All
Application	Denx	U-boot	All	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All

References

Reference	Source	Link	Tags
[security-announce] openSUSE-SU-2019:2235-1: moderate: Security update f	SUSE	lists.opensuse.org	

[security-announce] openSUSE-SU-2019:2233-1: moderate: Security update f	SUSE	lists.opensuse.org	
Commits · u-boot/u-boot · GitHub	MISC	github.com	Patch, Third Party A
Description of CVE-2019-13103 through CVE-2019-13106 · GitHub	MISC	gist.github.com	Third Party Advisory
[U-Boot] [PATCH 3/5] CVE-2019-13104: ext4: check for underflow in ext4fs_read_file	MISC	lists.denx.de	Mailing List, Patch,
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[671381](#) EulerOS Security Update for uboot-tools (EulerOS-SA-2022-1312)

[671382](#) EulerOS Security Update for uboot-tools (EulerOS-SA-2022-1296)

© [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](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)