CVE-2018-18439

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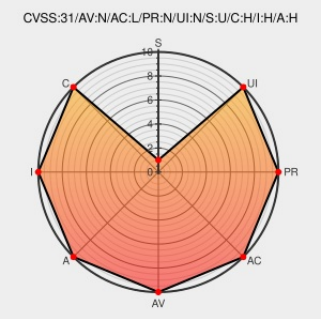

Certain versions of Das U-boot from Denx contain the following vulnerability:

DENX U-Boot through 2018.09-rc1 has a remotely exploitable buffer overflow via a malicious TFTP server because TFTP traffic is mishandled. Also, local exploitation can occur via a crafted kernel image.

CVE-2018-18439 has been assigned by cve@mitre.org to track the vulnerability - currently rated as CRITICAL severity.

CVSS3 Score: 9.8 - CRITICAL

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

CVSS2 Score: 10 - HIGH

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
oss-security - CVE-2018-18439, CVE-2018-18440 - U-Boot verified boot bypass vulnerabilities	Exploit, Mailing List, Third Party Advisory, www.openwall.com, text/html	MLIST [oss-security] 20181102 CVE-2018-18439, CVE-2018-18440 - U-Boot verified boot bypass vulnerabilities

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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
Hardware	Denx	Das U-boot	-	All	All	All
Hardware	Denx	Das U-boot	-	All	All	All
Operating System	Denx	Das U-boot Firmware	All	All	All	All
Application	Denx	U-boot	All	All	All	All
Application	Denx	U-boot	2018.09	rc1	All	All

cpe:2.3:h:denx:das_u-boot:-:*:*:*:*:*:*:*:

cpe:2.3:h:denx:das_u-boot:-:*:*:*:*:*:*:*:

cpe:2.3:o:denx:das_u-boot_firmware:*:*:*:*:*:*:*:*:

cpe:2.3:a:denx:u-boot:*:*:*:*:*:*:*:*:

cpe:2.3:a:denx:u-boot:2018.09:rc1:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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