

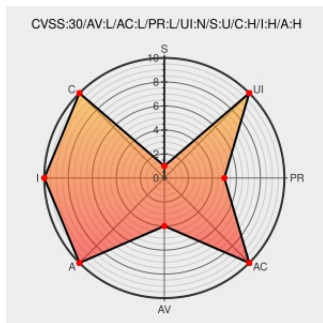


CVE-2018-18653

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CVE-2018-18653

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

Certain versions of [Ubuntu Linux](#) from [Canonical](#) contain the following vulnerability:

The Linux kernel, as used in Ubuntu 18.10 and when booted with UEFI Secure Boot enabled, allows privileged local users to bypass intended Secure Boot restrictions and execute untrusted code by loading arbitrary kernel modules. This occurs because a modified kernel/module.c, in conjunction with certain configuration options, leads to mishandling of the result of signature verification.

CVE-2018-18653 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **7.2 - HIGH**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
USN-3832-1: Linux kernel (AWS) vulnerabilities Ubuntu security notices	Patch Vendor Advisory	UBUNTU USN-3832-1

usn.ubuntu.com
text/html

USN-3835-1: Linux kernel vulnerabilities | Ubuntu security notices

Patch
Vendor Advisory
usn.ubuntu.com
text/html

 UBUNTU USN-3835-1

Bug #1798863 "18.10 kernel does not appear to validate kernel mo..." : Bugs : linux package : Ubuntu

Exploit
Issue Tracking
Vendor Advisory
launchpad.net
text/html

 MISC
launchpad.net/bugs/1798863

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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
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
cpe:2.3:o:canonical:ubuntu_linux:18.10:****:*:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:18.10:****:*:*:*:						

No vendor comments have been submitted for this CVE

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