



CVE-2017-17813

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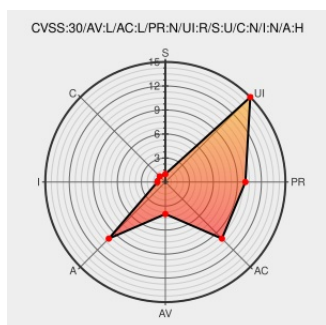
CVE-2017-17813

[Source: Mitre](#)

[Source: NIST](#)

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

In Netwide Assembler (NASM) 2.14rc0, there is a use-after-free in the `pp_list_one_macro` function in `asm/preproc.c` that will cause a remote denial of service attack, related to mishandling of line-syntax errors.

CVE-2017-17813 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

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

CVE References

Description	Tags	Link
USN-3694-1: NASM vulnerabilities Ubuntu security notices	Third Party Advisory usn.ubuntu.com text/html	UBUNTU USN-3694-1
3392429 - There is a heap-use-after-free on address 0x60f00000d568	Exploit	MISC bugzilla.nasm.us/show_bug.cgi?

in nasm.

[Issue Tracking](#)

id=3392429

[Vendor Advisory](#)

[bugzilla.nasm.us](#)

[text/html](#)

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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	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Application	Nasm	Netwide Assembler	2.14	rc0	All	All
Application	Nasm	Netwide Assembler	2.14	rc0	All	All
cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:its:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:its:*:*:						
cpe:2.3:a:nasm:netwide_assembler:2.14:rc0:*:*:*:*:						
cpe:2.3:a:nasm:netwide_assembler:2.14:rc0:*:*:*:*:						

No vendor comments have been submitted for this CVE

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