

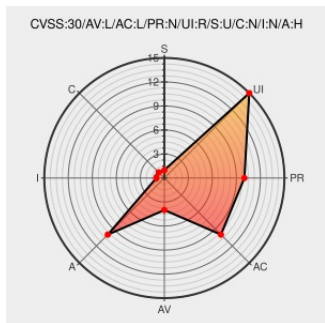


CVE-2017-17815

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CVE-2017-17815

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

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

In Netwide Assembler (NASM) 2.14rc0, there is an illegal address access in `is_mmacro()` in `asm/preproc.c` that will cause a remote denial of service attack, because of a missing check for the relationship between minimum and maximum parameter counts.

CVE-2017-17815 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
Public Git Hosting - nasm.git/commit	Patch	MISC

[Vendor Advisory](#)[repo.or.cz](#)[text/xml](#)repo.or.cz/nasm.git/commit/c9244eaadd05b27637cde06021bac3fa1d920aa3

3392436 – There is an illegal address access in function is_mm macro() of nasm.

[Exploit](#)[Issue Tracking](#)[Vendor Advisory](#)[bugzilla.nasm.us](#)[text/html](#)[MISC bugzilla.nasm.us/show_bug.cgi?id=3392436](https://bugzilla.nasm.us/show_bug.cgi?id=3392436)

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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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