CVE-2017-17812

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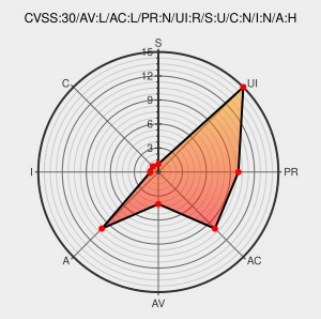

Certain versions of Ubuntu Linux from Canonical contain the following vulnerability:

In Netwide Assembler (NASM) 2.14rc0, there is a heap-based buffer over-read in the function detoken() in asm/preproc.c that will cause a remote denial of service attack.

CVE-2017-17812 has been assigned by 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/9b7ee09abfd426b99aa1ea81d19a3b2818eeabf9
3392424 – There is a heap based buffer overflow in function detoken() of nasm	Exploit Issue Tracking Vendor Advisory bugzilla.nasm.us text/html	MISC bugzilla.nasm.us/show_bug.cgi?id=3392424

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:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:lts:*:*:*:

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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