

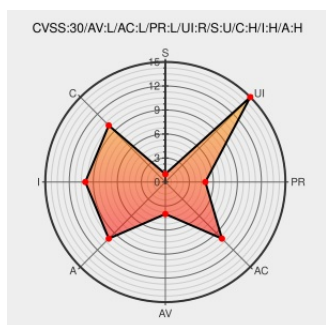


CVE-2018-8881

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CVE-2018-8881

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

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

Netwide Assembler (NASM) 2.13.02rc2 has a heap-based buffer over-read in the function tokenize in asm/preproc.c, related to an unterminated string.

CVE-2018-8881 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.3 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **6.8 - MEDIUM**

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

CVE References

Description	Tags	Link
[security-announce] openSUSE-SU-2020:0954-1: moderate: Security update f	lists.opensuse.org text/html	SUSE openSUSE-SU-2020:0954
[security-announce] openSUSE-SU-2020:0952-1: moderate: Security update f	lists.opensuse.org text/html	SUSE openSUSE-SU-2020:0952

USN-3694-1: NASM vulnerabilities | Ubuntu security notices

Third Party Advisory

usn.ubuntu.com

text/html

 UBUNTU USN-3694-1

3392446 – Heap overflow in function tokenize at source file asm/preproc.c

Issue Tracking

Vendor Advisory

bugzilla.nasm.us

text/html

 MISC bugzilla.nasm.us/show_bug.cgi?id=3392446

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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	2.13.02	rc2	All	All
Application	Nasm	Netwide Assembler	2.13.02	rc2	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:2.13.02:rc2:*:*:*:*:

cpe:2.3:a:nasm:netwide_assembler:2.13.02:rc2:*:*:*:*:

No vendor comments have been submitted for this CVE

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