

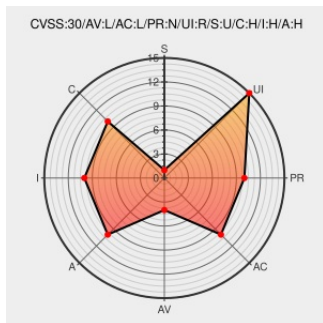


CVE-2018-10254

Published on: 04/21/2018 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:22 PM UTC

CVE-2018-10254

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

Certain versions of [Netwide Assembler](#) from [Nasm](#) contain the following vulnerability:

Netwide Assembler (NASM) 2.13 has a stack-based buffer over-read in the disasm function of the disasm/disasm.c file. Remote attackers could leverage this vulnerability to cause a denial of service or possibly have unspecified other impact via a crafted ELF file.

CVE-2018-10254 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	NONE	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

The Netwide Assembler / Bugs / #561 Stack buffer overflow (out-of-bound) in disasm (src/disasm/disasm.c)

Exploit

Third Party Advisory

sourceforge.net

text/html

MISC

sourceforge.net/p/nasm/bugs/561/

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Related QID Numbers

670897 EulerOS Security Update for nasm (EulerOS-SA-2020-2369)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Nasm	Netwide Assembler	2.13	All	All	All
Application	Nasm	Netwide Assembler	2.13	All	All	All
cpe:2.3:a:nasm:netwide_assembler:2.13:*:*:*:*:*:						
cpe:2.3:a:nasm:netwide_assembler:2.13:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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