

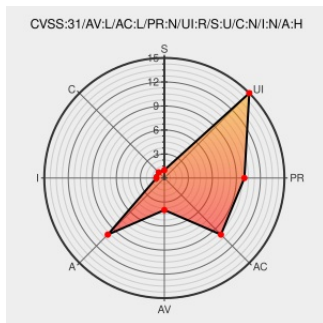


CVE-2019-20633

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CVE-2019-20633

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

Certain versions of [Patch](#) from [Gnu](#) contain the following vulnerability:

GNU patch through 2.7.6 contains a free(p_line[p_end]) Double Free vulnerability in the function another_hunk in pch.c that can cause a denial of service via a crafted patch file. NOTE: this issue exists because of an incomplete fix for CVE-2018-6952.

CVE-2019-20633 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
GNU patch - Bugs: bug #56683, Double free in pch.c:1187 [Savannah]	Exploit Vendor Advisory savannah.gnu.org text/html	MISC savannah.gnu.org/bugs/index.php?56683

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Related QID Numbers

500514 Alpine Linux Security Update for patch

900248 CBL-Mariner Linux Security Update for patch 2.7.6

901378 Common Base Linux Mariner (CBL-Mariner) Security Update for patch (6791)

903362 Common Base Linux Mariner (CBL-Mariner) Security Update for patch (1916)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnu	Patch	All	All	All	All
cpe:2.3:a:gnu:patch:*:*:*:*:*:*						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @ariadneconill	@CVEannounce CVE-2019-20633 is mitigated by git.savannah.gnu.org/cgiit/patch.git...	2021-06-22 12:14:43
 @CVEannounce	@ariadneconill nvd@nist.gov links to a number of them:	2021-06-23 22:46:58

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