



CVE-2018-12917

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

CVSS:30/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H



Certain versions of [Pbc](#) from [Pbc Project](#) contain the following vulnerability:

In libpbc.a in PBC through 2017-03-02, there is a heap-based buffer over-read in _pbcM_ip_new in map.c.

CVE-2018-12917 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.5 - HIGH**

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

CVE References

Description	Tags	Link
heap-buffer-overflow in _pbcM_ip_new src/map.c:143 · Issue #119 · cloudwu/pbc · GitHub	Issue Tracking Third Party Advisory github.com text/html	MISC github.com/cloudwu/pbc/issues/119

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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
Application	Pbc Project	Pbc	All	All	All	All
cpe:2.3:a:pbcc_project:pbcc:*****::						

No vendor comments have been submitted for this CVE

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