



CVE-2018-12889

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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 [Ccn-lite](#) from [Ccn-lite](#) contain the following vulnerability:

An issue was discovered in CCN-lite 2.0.1. There is a heap-based buffer overflow in `mkAddToRelayCacheRequest` and in `ccnl_populate_cache` for an array lacking `'\0'` termination when reading a binary CCNx or NDN file. This can result in Heap Corruption. This was addressed by fixing the memory management in `mkAddToRelayCacheRequest` in `ccn-lite-ctrl.c`.

CVE-2018-12889 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
[CVE-2018-12889] - Heap Buffer Overrun in <code>mkAddToRelayCacheRequest</code> when reading CCNx or NDN binary file · Issue #279 · cn-uofbasel/ccn-lite · GitHub	Exploit Third Party Advisory	MISC github.com/cn-

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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	Ccn-lite	Ccn-lite	2.0.1	All	All	All
Application	Ccn-lite	Ccn-lite	2.0.1	All	All	All
cpe:2.3:a:ccn-lite:ccn-lite:2.0.1:*:*:*:*:*:						
cpe:2.3:a:ccn-lite:ccn-lite:2.0.1:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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