



CVE-2018-7039

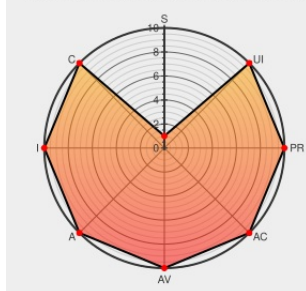
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CVE-2018-7039

[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:

CCN-lite 2.0.0 Beta allows remote attackers to cause a denial of service (buffer overflow) or possibly have unspecified other impact because the `ccnl_ndntlv_prependBlob` function in `ccnl-pkt-ndntlv.c` can be called with wrong arguments. Specifically, there is an incorrect integer data type causing a negative third argument in some cases of crafted TLV data with inconsistent length information.

CVE-2018-7039 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-2018-7039] buffer overflow in <code>ccnl_ndntlv_prependBlob</code> · Issue #191 · cn-uofbasel/ccn-lite · GitHub	Technical Description github.com	CONFIRM github.com/cn-uofbasel/ccn-lite/issues/191

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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	2.0.0	All	All	All
Application	Ccn-lite	Ccn-lite	2.0.0	All	All	All
cpe:2.3:a:ccn-lite:ccn-lite:2.0.0:*:*:*:*:*:						
cpe:2.3:a:ccn-lite:ccn-lite:2.0.0:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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