

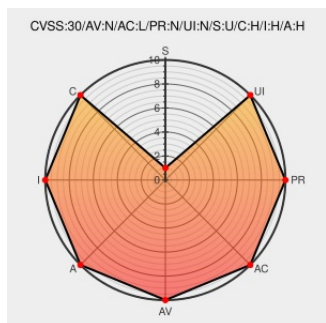


CVE-2018-6953

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CVE-2018-6953

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

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

In CCN-lite 2, the Parser of NDNTLV does not verify whether a certain component's length field matches the actual component length, which has a resultant buffer overflow and out-of-bounds memory accesses.

CVE-2018-6953 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-2018-6953] NDNTLV parser accepts Length field of the Name without any checks · Issue #195 · cn-uofbasel/ccn-lite · GitHub	Third Party Advisory github.com text/html	CONFIRM github.com/cn-uofbasel/ccn-lite/issues/195

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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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