



# CVE-2017-12468

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## CVE-2017-12468

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

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

Buffer overflow in ccn-lite-ccnb2xml.c in CCN-lite before 2.00 allows context-dependent attackers to have unspecified impact via vectors involving the vallen and len variables.

CVE-2017-12468 has been assigned by [M](#) [cve@mitre.org](mailto: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    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **7.5 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>PARTIAL</b>         | <b>PARTIAL</b>    | <b>PARTIAL</b>      |

## CVE References

| Description                                                                                        | Tags                                                                                            | Link                                                               |
|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|
| [CVE-2017-12468] ccn-lite-ccnb2xml.c: Buffer Overflow · Issue #134 · cn-uofbasel/ccn-lite · GitHub | <a href="#">Third Party Advisory</a><br><a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">CONFIRM github.com/cn-uofbasel/ccn-lite/issues/134</a> |
| Release CCN-lite V2 · cn-uofbasel/ccn-lite · GitHub                                                | <a href="#">Release Notes</a>                                                                   | <a href="#">CONFIRM github.com/cn-</a>                             |

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

No vendor comments have been submitted for this CVE

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