



CVE-2018-17174

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

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

A stack-based buffer overflow was discovered in the xtimor NMEA library (aka nmealib) 0.5.3. nmea_parse() in parser.c allows an attacker to trigger denial of service (even arbitrary code execution in a certain context) in a product using this library via malformed data.

CVE-2018-17174 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
网站整改公告 - 博客园团队 - 博客园	Exploit Third Party Advisory www.cnblogs.com text/html	MISC www.cnblogs.com/tr3e/p/9662324.html

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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	Nmealib Project	Nmealib	0.5.3	All	All	All
Application	Nmealib Project	Nmealib	0.5.3	All	All	All
cpe:2.3:a:nmealib_project:nmealib:0.5.3:*:*:*:*:*:						
cpe:2.3:a:nmealib_project:nmealib:0.5.3:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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