

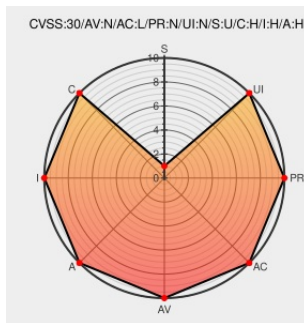


CVE-2017-1000173

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CVE-2017-1000173

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

Certain versions of [Gravity](#) from [Creolabs](#) contain the following vulnerability:

Creolabs Gravity Version: 1.0 Heap Overflow Potential Code Execution. By creating a large loop whiling pushing data to a buffer, we can break out of the bounds checking of that buffer. When list.join is called on the data it will read past a buffer resulting in a Heap-Buffer-Overflow.

CVE-2017-1000173 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
Gravity Heap-Buffer-Overflow (list_join) · Issue #172 · marcobambini/gravity · GitHub	Exploit Patch Third Party Advisory	MISC github.com/marcobambini/gravity/issues/172

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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	Creolabs	Gravity	1.0	All	All	All
Application	Creolabs	Gravity	1.0	All	All	All
cpe:2.3:a:creolabs:gravity:1.0:*:*:*:*:*:						
cpe:2.3:a:creolabs:gravity:1.0:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

[← Previous ID](#)

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