



CVE-2019-17513

Published on: 10/17/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:38 PM UTC

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

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

An issue was discovered in Ratpack before 1.7.5. Due to a misuse of the Netty library class DefaultHttpHeaders, there is no validation that headers lack HTTP control characters. Thus, if untrusted data is used to construct HTTP headers with Ratpack, HTTP Response Splitting can occur.

CVE-2019-17513 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	HIGH	NONE

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	PARTIAL	NONE

CVE References

Description	Tags	Link
Enable HTTP header validation · ratpack/ratpack@efb910d · GitHub	Patch github.com text/html	MISC github.com/ratpack/ratpack/commit/efb910d38a96494256f36675ef0e5061097dd77d

CWE-113: Improper Neutralization of CRLF Sequences in HTTP Headers ('HTTP Response Splitting') · Advisory · ratpack/ratpack · GitHub	Third Party Advisory github.com text/html	 CONFIRM github.com/ratpack/ratpack/security/advisories/GHSA-mvqp-q37c-wf9j
Add test for response header validation · ratpack/ratpack@c560a8d · GitHub	Patch github.com text/html	 MISC github.com/ratpack/ratpack/commit/c560a8d10cb8bdd7a526c1ca2e67c8f224ca23ae
Release v1.7.5 · ratpack/ratpack · GitHub	Release Notes Third Party Advisory github.com text/html	 CONFIRM github.com/ratpack/ratpack/releases/tag/v1.7.5
Ratpack: Lean & powerful HTTP apps for the JVM	Vendor Advisory ratpack.io text/html	 MISC ratpack.io/versions/1.7.5

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Related QID Numbers

[980974](#) Java (maven) Security Update for io.ratpack:ratpack-core (GHSA-mvqp-q37c-wf9j)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ratpack Project	Ratpack	All	All	All	All
Application	Ratpack Project	Ratpack	All	All	All	All
cpe:2.3:a:ratpack_project:ratpack:*****:*****:*						
cpe:2.3:a:ratpack_project:ratpack:*****:*****:*						

No vendor comments have been submitted for this CVE