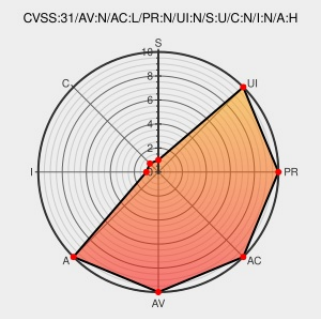
CVE-2019-11938

Published on: 03/10/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:36 PM UTC

CVE-2019-11938

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Thrift from Facebook contain the following vulnerability:

Java Facebook Thrift servers would not error upon receiving messages declaring containers of sizes larger than the payload. As a result, malicious clients could send short messages which would result in a large memory allocation, potentially leading to denial of service. This issue affects Facebook Thrift prior to v2019.12.09.00.

CVE-2019-11938 has been assigned by cve-assign@fb.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Facebook** - **Facebook Thrift** version **!>= v2019.12.09.00**

Affected Vendor/Software: **Facebook** - **Facebook Thrift** version **< v2019.12.09.00**

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	NONE	HIGH

CVSS2 Score: 5 - MEDIUM

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

CVE References

Description	Tags	Link

Facebook	Vendor Advisory www.facebook.com text/html	CONFIRM www.facebook.com/security/advisories/cve-2019-11938
Java: Check the size of the remaining frame before deserializing a st… · facebook/fbthrift@08c2d41 · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/facebook/fbthrift/commit/08c2d412adb214c40bb03be7587057b25d053030
Java: Check the size of the remaining frame before deserializing coll… · facebook/fbthrift@71c97ff · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/facebook/fbthrift/commit/71c97ffdcb61cccf1f8267774e873e21ebd3ebd3

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Facebook	Thrift	All	All	All	All
Application	Facebook	Thrift	All	All	All	All

cpe:2.3:a:facebook:thrift:*:*:*:*:*:*:*:*:

cpe:2.3:a:facebook:thrift:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→