

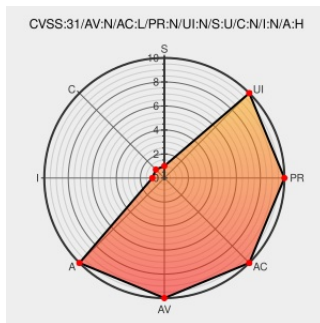


CVE-2019-11939

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CVE-2019-11939

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

Certain versions of [Thrift](#) from [Facebook](#) contain the following vulnerability:

Golang 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 v2020.03.16.00.

CVE-2019-11939 has been assigned by [cve-assign@fb.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Facebook](#) - Facebook Thrift version $\geq$ v2020.03.16.00

Affected Vendor/Software: [Facebook](#) - Facebook Thrift version $<$ v2020.03.16.00

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	Taas	Link
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Facebook

Vendor Advisory
www.facebook.com
text/html

CONFIRM www.facebook.com/security/advisories/cve-2019-11939

Validate container size
against total message size ·
facebook/fbthrift@483ed86 ·
GitHub

Patch
Third Party Advisory
github.com
text/html

MISC
github.com/facebook/fbthrift/commit/483ed864d69f307e9e3b9dadec048216100c0757

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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	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

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