



CVE-2019-3559

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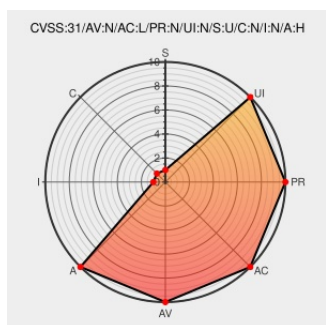
CVE-2019-3559

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 with containers of fields of unknown type. As a result, malicious clients could send short messages which would take a long time for the server to parse, potentially leading to denial of service. This issue affects Facebook Thrift prior to v2019.02.18.00.

CVE-2019-3559 has been assigned by [f](#) cve-assign@fb.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [f](#) **Facebook - Facebook Thrift** version **!>= v2019.02.18.00**

Affected Vendor/Software: [f](#) **Facebook - Facebook Thrift** version **< v2019.02.18.00**

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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Pony Mail!	lists.apache.org text/html	MLIST [pulsar-commits] 20201215 [GitHub] [pulsar] yanshuchong opened a new issue #8967: CVSS issue list
Throw on bad types during skipping data · facebook/fbthrift@a56346c · GitHub	Patch Vendor Advisory github.com text/html	MISC github.com/facebook/fbthrift/commit/a56346ceacad28bf470017a6bda1d5518d0bd943
Facebook	Vendor Advisory www.facebook.com text/html	MISC www.facebook.com/security/advisories/cve-2019-3559

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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

Social Mentions

Source	Title	Posted (UTC)
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