



CVE-2019-3564

Published on: 05/06/2019 12:00:00 AM UTC

Last Modified on: 11/02/2021 08:19:00 PM UTC

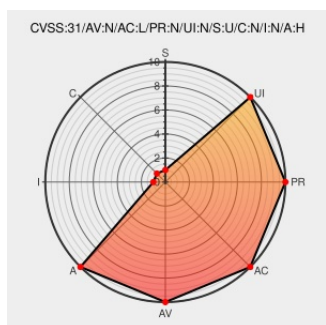
CVE-2019-3564

Source: [Mitre](#)

Source: [NIST](#)

[CVE.ORG](#)

Print: [PDF](#)



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

Go 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 v2019.03.04.00.

CVE-2019-3564 has been assigned by [Facebook](#) cve-assign@fb.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Facebook](#) - Facebook Thrift version $\geq$ v2019.03.04.00

Affected Vendor/Software: [Facebook](#) - Facebook Thrift version < v2019.03.04.00

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
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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

Properly error when asked to skip an unknown field type · facebook/fbthrift@c461c1b · GitHub

Patch

Third Party Advisory

github.com

text/html

MISC

github.com/facebook/fbthrift/commit/c461c1bd1a3e130b181aa9c854da3030cd4b5156

Facebook

Vendor Advisory

www.facebook.com

text/html

MISC

www.facebook.com/security/advisories/cve-2019-3564

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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)
← Previous ID Next ID →		