CVE-2018-20349

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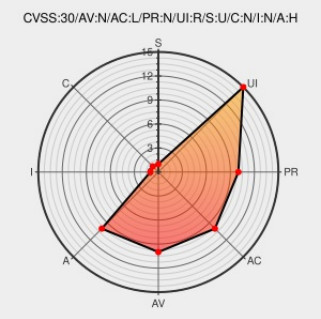
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Igraph from Igraph contain the following vulnerability:

The igraph_i_strdiff function in igraph_trie.c in igraph through 0.7.1 has an NULL pointer dereference that allows attackers to cause a denial of service (application crash) via a crafted object.

CVE-2018-20349 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 6.5 - MEDIUM

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

CVSS2 Score: 4.3 - MEDIUM

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

CVE References

Description	Tags	Link
[SECURITY] Fedora 30 Update: igraph-0.7.1-12.fc30 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2019-060e7b383c
[SECURITY] Fedora 29 Update: igraph-0.7.1-12.fc29 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2019-5d52865475

NULL Pointer Dereference vulnerability in igraph_i_strdiff function · Issue #1141 · igraph/igraph · GitHub	Exploit Third Party Advisory github.com text/html	MISC github.com/igraph/igraph/issues/1141
[SECURITY] [DLA 2055-1] igraph security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20191231 [SECURITY] [DLA 2055-1] igraph security update

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Igraph	Igraph	All	All	All	All

cpe:2.3:a:igraph:igraph:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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