CVE-2018-21268

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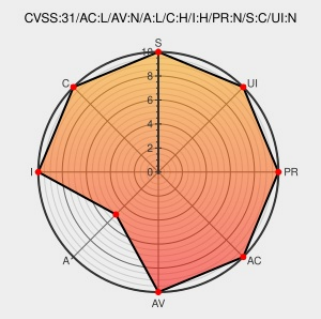
CVE-2018-21268

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



Certain versions of Traceroute from Traceroute Project contain the following vulnerability:

The traceroute (aka node-traceroute) package through 1.0.0 for Node.js allows remote command injection via the host parameter. This occurs because the Child.exec() method, which is considered to be not entirely safe, is used. In particular, an OS command can be placed after a newline character.

CVE-2018-21268 has been assigned by cve@mitre.org to track the vulnerability - currently rated as CRITICAL severity.

CVSS3 Score: 9.8 - CRITICAL

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

CVSS2 Score: 7.5 - HIGH

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

CVE References

Description	Tags	Link
Overview	Third Party Advisory www.npmjs.com text/html	MISC www.npmjs.com/advisories/1465

Page not found – OP Innovate	Exploit Third Party Advisory www.op-c.net text/html Inactive Link Not Archived	MISC www.op-c.net/2020/06/17/shell-command-injection-through-traceroute-npm-package/
OP Innovate on LinkedIn: Shell Command Injection Through Traceroute NPM Package	Third Party Advisory www.linkedin.com text/html	MISC www.linkedin.com/posts/op-innovate_shell-command-injection-through-traceroute-activity-6678956453086191616-Rcpy
Shell Command Injection Through Traceroute NPM Package | by OP Innovate | Medium	Exploit Third Party Advisory medium.com text/html	MISC medium.com/@shay_62828/shell-command-injection-through-traceroute-npm-package-a4cf7b6553e3
Shell Command Injection in traceroute | Snyk	Exploit Third Party Advisory snyk.io text/html	MISC snyk.io/vuln/npm:traceroute:20160311
traceroute - npm	Product Third Party Advisory www.npmjs.com text/html	MISC www.npmjs.com/package/traceroute
conversion to spawn and stream · jaw187/node-traceroute@b99ee02 · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/jaw187/node-traceroute/commit/b99ee024a01a40d3d20a92ad3769cc78a3f6386f
Tags · jaw187/node-traceroute · GitHub	Third Party Advisory github.com text/html	MISC github.com/jaw187/node-traceroute/tags

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Traceroute Project	Traceroute	All	All	All	All

cpe:2.3:a:traceroute_project:traceroute:*:*:*:*:*:node.js:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→

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