

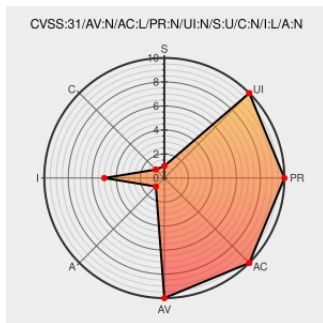


CVE-2021-29418

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CVE-2021-29418

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

Certain versions of [Netmask](#) from [Netmask Project](#) contain the following vulnerability:

The netmask package before 2.0.1 for Node.js mishandles certain unexpected characters in an IP address string, such as an octal digit of 9. This (in some situations) allows attackers to bypass access control that is based on IP addresses. NOTE: this issue exists because of an incomplete fix for CVE-2021-28918.

CVE-2021-29418 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.3 - MEDIUM**

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

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
Rewrite byte parsing in full JS without depending on parseInt · rs/node-netmask@3f19a05 · GitHub	github.com text/html	MISC github.com/rs/node-netmask/commit/3f19a056c4eb808ea4a29f234274c67bc5a848f4
	vuln.rvotak.me	MISC: vuln.rvotak.me/advisories/6.txt

vuln.ryotak.me

text/plain

MISC vuln.ryotak.me/advisories/6

Advisory #6 - RyotaK's Vuln DB

vuln.ryotak.me

text/html

MISC vuln.ryotak.me/advisories/6

CVE-2021-29418 Node.js Vulnerability in NetApp Products | NetApp Product Security

security.netapp.com

text/html

CONFIRM security.netapp.com/advisory/ntap-20210604-0001/

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Related QID Numbers

[375431](#) Npm Package Netmask Octal Input Data Vulnerability

[982336](#) Nodejs (npm) Security Update for netmask (GHSA-pch5-whg9-qr2r)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Netmask Project	Netmask	All	All	All	All
cpe:2.3:a:netmask_project:netmask:*:*:*:*:*:node.js:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
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