



# CVE-2022-25883

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## Summary

<b>CVE</b>	CVE-2022-25883
<b>State</b>	PUBLIC
<b>Assigner</b>	report@snyk.io
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-06-21 05:15:00 UTC
<b>Updated</b>	2023-11-07 03:44:00 UTC
<b>Description</b>	Versions of the package semver before 7.5.2 are vulnerable to Regular Expression Denial of Service (ReDoS) via the funct

## Risk And Classification

**Problem Types:** CWE-1333

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Npmjs	Semver	All	All	All	All

## References

Reference	Source	Link	Tags
github.com/npm/node-semver/blob/main/internal/re.js%23L138	MISC	<a href="#">github.com</a>	
github.com/npm/node-semver/blob/main/internal/re.js%23L160	MISC	<a href="#">github.com</a>	
Regular Expression Denial of Service (ReDoS) in semver   CVE-2022-25883   Snyk	MISC	<a href="#">security.snyk.io</a>	
github.com/npm/node-semver/blob/main/classes/range.js%23L97-L104	MISC	<a href="#">github.com</a>	
fix: better handling of whitespace (#564) · npm/node-semver@717534e · GitHub	MISC	<a href="#">github.com</a>	
fix: better handling of whitespace by lukekarrys · Pull Request #564 · npm/node-semver · GitHub	MISC	<a href="#">github.com</a>	
node-semver/range.js at main · npm/node-semver · GitHub	MITRE	<a href="#">github.com</a>	
node-semver/internal/re.js at main · npm/node-semver · GitHub	MITRE	<a href="#">github.com</a>	
node-semver/internal/re.js at main · npm/node-semver · GitHub	MITRE	<a href="#">github.com</a>	
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	canonical, :

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

160945 Oracle Enterprise Linux Security Update for 18 (ELSA-2023-5363)

160946 Oracle Enterprise Linux Security Update for nodejs:18 (ELSA-2023-5362)

160947 Oracle Enterprise Linux Security Update for nodejs:16 (ELSA-2023-5360)

242084 Red Hat Update for nodejs:18 security (RHSA-2023:5363)

242085 Red Hat Update for nodejs:16 security (RHSA-2023:5361)

242086 Red Hat Update for nodejs:18 security (RHSA-2023:5362)

242087 Red Hat Update for nodejs:16 security (RHSA-2023:5360)

242105 Red Hat Update for JBoss Enterprise Application Platform 7.4.1 on RHEL 9 (RHSA-2023:5486)

242106 Red Hat Update for JBoss Enterprise Application Platform 7.4.1 on RHEL 7 (RHSA-2023:5484)

242122 Red Hat Update for JBoss Enterprise Application Platform 7.4.1 on RHEL 8 (RHSA-2023:5485)

355802 Amazon Linux Security Advisory for nodejs : ALAS2023-2023-290

907082 Common Base Linux Mariner (CBL-Mariner) Security Update for nodejs18 (27208-1)

907107 Common Base Linux Mariner (CBL-Mariner) Security Update for nodejs (27207-1)

941273 AlmaLinux Security Update for nodejs:18 (ALSA-2023:5362)

941274 AlmaLinux Security Update for nodejs:16 (ALSA-2023:5360)

941275 AlmaLinux Security Update for nodejs:18 (ALSA-2023:5363)

961024 Rocky Linux Security Update for nodejs:18 (RLSA-2023:5363)

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