



CVE-2020-8158

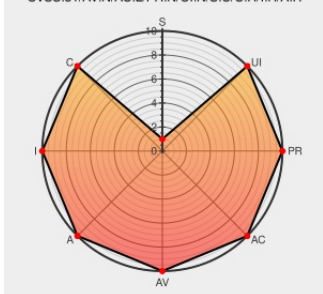
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CVE-2020-8158

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

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H



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

Prototype pollution vulnerability in the TypeORM package < 0.2.25 may allow attackers to add or modify Object properties leading to further denial of service or SQL injection attacks.

CVE-2020-8158 has been assigned by [h1](#) support@hackerone.com 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
HackerOne	Exploit Patch Third Party Advisory hackerone.com text/html	h1 MISC hackerone.com/reports/869574

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Related QID Numbers

982640 Nodejs (npm) Security Update for typeorm (GHSA-pf2j-9qmp-jqr2)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Typeorm	Typeorm	All	All	All	All
Application	Typeorm	Typeorm	All	All	All	All
cpe:2.3:a:typeorm:typeorm:*:*:*:*:node.js:*:						
cpe:2.3:a:typeorm:typeorm:*:*:*:*:node.js:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @vigilance_fr	Vigil@nce #Vuln�rabilit� de Node.js typeorm : injection SQL. vigilance.fr/vulnerabilite/... R�f�rences : #CVE-2020-8158.... twitter.com/i/web/status/1...	2021-05-12 20:09:03
 @vigilance_en	Vigil@nce #Vulnerability of Node.js typeorm: SQL injection. vigilance.fr/vulnerability/... Identifiers: #CVE-2020-8158.... twitter.com/i/web/status/1...	2021-05-12 20:09:04
 @RemotelyAlerts	Severity: ??? Prototype pollution vulnerability in the... CVE-2020-8158 Link for more: alerts.remotelymm.com/CVE-2020-8158	2022-08-05 21:30:35

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